Release 240

Database Documentation | Documents

Exact® software

release 240

Database Documentation | Documents

The information provided in this manual is intended for internal use by or within the organization of the customer only. Exact Group B.V. has carefully selected the content of this document. However, the content may not always represent reality or may become out-dated. Information may be changed or updated without notice. Exact Group B.V. may also make improvements and/or changes in the products, prices and/or the programs described in this manual at any time without notice.

Exact Group B.V. shall not be liable for the accuracy of any of the examples included and procedures described in this document, nor shall Exact be liable for any ensuing damage or loss of any nature whatsoever arising from or relating to its use.

No part of this manual may be reproduced, published and/or transmitted in any form or in any way, electronically, by print photocopy, microfilm or any other means, without the prior written consent of Exact Group B.V.

© Copyright Exact Group B.V. All rights reserved. All trademarks mentioned herein belong to their respective owners. Exact Software® is a registered trademark of Exact Group B.V.

Preface

To provide a better service for making reports or integrated business solutions, Exact has started with describing the database model of **Exact Globe** and **Exact Synergy Enterprise**. Since the **Exact Globe** product line and the **Exact Synergy Enterprise** product line are based on the same database model, this manual is applicable to both product lines.

The documentation of the database model is intended for a user on consultant level who knows how **Exact Globe** or **Exact Synergy Enterprise** works and has some knowledge about SQL database structures, but lacks sufficient knowledge and information about the **Exact Globe**/ **Exact Synergy Enterprise** database structure when making reports or integrated business solutions.

The following information will be provided for each table discussed:

1. **A brief description of the purpose of the table**
   Most tables have a single purpose. Some tables have multiple purposes.

2. **The fields of the table**
   What is stored in the field?
   What this field is used for?

3. **The functionalities of the table**
   Some tables have multiple purposes. Per table, the different functionalities (if available) are described.

4. **The technical specifications of the fields in the table**
   This information can be useful in making reports or business solutions.

5. **Standard SQL queries**
   With some standard SQL queries, it will be easy to retrieve the most commonly used data. The standard SQL queries supplied can also be used as the basis for extended or specific SQL queries used in reports and business solutions.

The database tables described in this manual are based on release 240. It is Exact Software's intention to keep the documentation up to date with the latest developments.

Contents

Preface III

Chapter 1: Introduction 3

Chapter 2: Documents 7
2.1 BacoDiscussions - Documents 7
2.1.1 General Description 7
2.1.2 BacoDiscussions field details 7

Chapter 3: Document Categories 19
3.1 BacoDiscussionGroups - Document Category Group 19
3.1.1 General Description 19
3.1.2 BacoDiscussionGroups field details 19
3.2 BacoDiscussionCategories - Document Category 24
3.2.1 General Description 24
3.2.2 BacoDiscussionCategories field details 24
3.3 BacoDiscussionSubCategories - Document subcategory 25
3.3.1 General Description 25
3.3.2 BacoDiscussionSubCategories field details 25
3.4 BacoDiscussionGRoles - Document Approval Roles 27
3.4.1 General Description 27
3.4.2 BacoDiscussionGRoles field details 27

Chapter 4: Document types 31
4.1 BacoDiscussionFixedGroups - document type group 31
4.1.1 General Description 31
4.1.2 BacoDiscussionFixedGroups field details 31
4.2 BacoDiscussionFixedTypes - Document type 33
4.2.1 General Description 33
4.2.2 BacoDiscussionFixedTypes field details 33

Chapter 5: Document Images 51
5.1 BacoDiscussionPictures - Document Images 51
5.1.1 General Description 51
5.1.2 BacoDiscussionPictures field details 51
5.2 BacoDiscussionStdPictures - Standard Pictures 52
5.2.1 General Description 52
5.2.2 BacoDiscussionStdPictures field details 52
5.3 BDPictureRefs - Document Image References 54
5.3.1 General Description 54
5.3.2 BDPictureRefs field details 54

Chapter 6: Layouts 57
6.1 BacoDiscussionNewsLayouts - BacoDiscussionNewsLayouts 57
6.1.1 General Description 57
6.1.2 BacoDiscussionNewsLayouts field details 51
6.2 BacoDiscussionLayoutLanguage - BacoDiscussionLayoutLanguage 62
6.2.1 General Description 62
6.2.2 BacoDiscussionLayoutLanguage field details 62
6.3 ResellerNews - ResellerNews 63
6.3.1 General Description 63
6.3.2 ResellerNews field details 63

Chapter 7: Web sites maintenance 67
7.1 WebStyle - WebStyle 67
7.1.1 General Description 67
7.1.2 WebStyle field details 68
7.2 WebContent - WebContent 76
7.2.1 General Description 76
7.2.2 WebContent field details 76

Chapter 8: Document Search 83
8.1 BDViewColumns – View columns in document search 83
8.1.1 General Description 83
8.1.2 BDViewColumns field details 83

Chapter 9: Documents Masterdata 89
9.1 BacoDiscussionStates - Document Statuses 89
9.1.1 General Description 89
9.1.2 BacoDiscussionStates field details 89
9.2 BacoDiscussionCounts - Document Counts 90
9.2.1 General Description 90
9.2.2 BacoDiscussionCounts field details 90
9.3 BacoDiscussionVersions - Document Versions 91
9.3.1 General Description 91
9.3.2 BacoDiscussionVersions field details 91
9.4 DocumentWords - Documents Search Index 93
9.4.1 General Description 93
9.4.2 DocumentWords field details 93
9.5 NoiseWords – Noise words 94
9.5.1 General Description 94
9.5.2 NoiseWords field details 95

Chapter 10: Fulltext index 99
10.1 Words - Words 99
10.1.1 General Description 99
10.1.2 Words field details 93
10.2 WordReferences - WordReferences 100
10.2.1 General Description 100
10.2.2 WordReferences field details 100
10.3 DocumentReferences - DocumentReferences 101
10.3.1 General Description 101
10.3.2 DocumentReferences field details 101

10.4 DocumentStatistics - DocumentStatistics 102
10.4.1 General Description 102
10.4.2 DocumentStatistics field details 102
10.5 WordSynonyms – Word Synonyms 103
10.5.1 General Description 103
10.5.2 WordSynonyms field details 104
10.6 Attachments – Attachments 105
10.6.1 General description 105
10.6.2 Attachments field details 105
10.7 Tags – Tags 106
10.7.1 General description 106
10.7.2 Tags field details 106
10.8 TagReferences – Tag References 107
10.8.1 General description 107
10.8.2 TagReferences field details 107
10.9 DocumentTypeCorporateTags 108
10.9.1 General description 108
10.9.2 DocumentTypeCorporateTags field details 108
10.10 DocumentCorporateTags 109
10.10.1 General description 109
10.10.2 DocumentCorporateTags field details 109
10.11 TagIndividualWeights 110
10.11.1 General description 110
10.11.2 TagIndividualWeights field details 110

Chapter 11: Field properties 113
11.1 Documents 113
11.1.1 BacoDiscussions 116
11.2 Document categories 116
11.2.1 BacoDiscussionGroups 117
11.2.2 BacoDiscussionCategories 117
11.2.3 BacoDiscussionSubCategories 118
11.2.4 BacoDiscussionGRoles 118

11.3 Document types 118
11.3.1 BacoDiscussionFixedGroups 119
11.3.2 BacoDiscussionFixedTypes 119
11.4 Document images 124
11.4.1 BacoDiscussionPictures 124
11.4.2 BacoDiscussionStdPictures 124
11.4.3 BDPictureRefs 124
11.5 Layouts 125
11.5.1 BacoDiscussionNewsLayouts 125
11.5.2 BacoDiscussionLayoutLanguage 126
11.5.3 ResellerNews 126
11.6 Web sites maintenance 127
11.6.1 WebStyle 127
11.6.2 WebContent 130
11.7 Document search 132
11.7.1 BDViewColumns 132
11.8 Documents Master data 133
11.8.1 BacoDiscussionState 133
11.8.2 BacoDiscussionCounts 133
11.8.3 BacoDiscussionVersions 134
11.8.4 DocumentWords 135
11.8.5 NoiseWords 135
11.9 Fulltext index 135
11.9.1 Words 135
11.9.2 WordReferences 136
11.9.3 DocumentReferences 136
11.9.4 DocumentStatistics 136
11.9.5 WordSynonyms 137
11.10 Attachments 137
11.11 Tags 137
11.12 DocumentCorporateTags 138
11.13 TagIndividualWeights 138

Chapter 12: Sample SQL queries 127
12.1 Documents 127
12.2 Document categories 129
12.3 Documents types 129
12.4 Document versions 130
12.5 Layouts 130
12.6 Web sites maintenance 131
12.7 Document search 132
12.8 Documents masterdata 132
12.9 Fulltext index 132
12.10 Attachments 147
12.11 Tags 148
12.12 TagReferences 148
12.13 DocumentTypeCorporateTags 148
12.14 DocumentCorporateTags 149
12.15 TagIndividualWeights 149

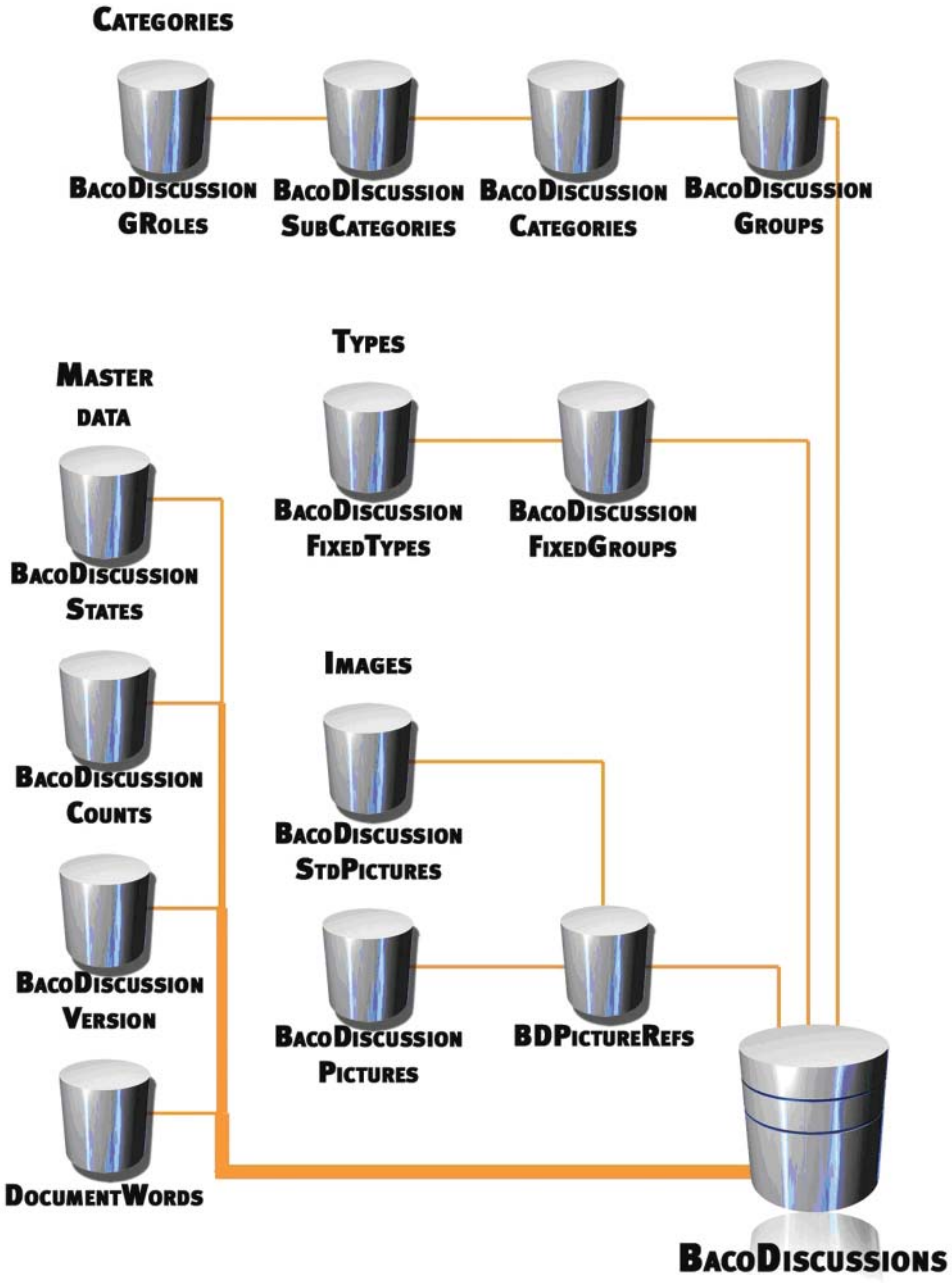
Chapter 1 | Introduction

1. Introduction

Documents are a source of information, both in Exact Synergy Enterprise and in Exact Globe. The use of documents in Exact Synergy Enterprise is clearly different from Globe; sharing knowledge is the main goal. For this purpose news pages and headlines can be used. In Exact Globe, the documents are merely used to support different processes, such as sales order confirmation for sales order or a delivery note for a delivery. The document data, as well as document attachments, are stored in the [BacoDiscussions] table. If pictures are used in a document, then these are stored in the [BacoDiscussionPictures] table.

Documents either follow the definition of the document type or the document main category; these are defined, respectively in the [BacoDiscussionFixedTypes] table or in the [BacoDiscussionGroups] table. On subcategory level, in the [BacoDiscussionSubCategories] table, it is possible to define whether a document needs approval or not. The roles per subcategory are stored in the [BacoDiscussionGRoles] table. Actual approval of the document is handled via Workflow. In order to give documents the same look and feel, it is possible to define document layouts, per category or per type. These document layouts are also stored in the [BacoDiscussions] table. The same logic applies to mail merge layouts.

Furthermore it is possible to use document versions (per document type). The active version of a document is always stored in the [BacoDiscussions] table. All versions, including the active version, are stored in the [BacoDiscussionVersions] table.


Categories
BacoDiscussion GRoles
BacoDiscussion SubCategories
BacoDiscussion Categories
BacoDiscussion Groups
Types
Master data
BacoDiscussion FixedTypes
BacoDiscussion FixedGroups
BacoDiscussion States
Images
BacoDiscussion Counts
BacoDiscussion StdPictures
BacoDiscussion Version
BacoDiscussion Pictures
BDPictureRefs
DocumentWords
BacoDiscussions

Chapter 2 | Documents

2. Documents

2.1 BacoDiscussions - Documents

2.1.1 General Description

Documents are stored in the [BacoDiscussions] table. The name of this table refers to its original goal: a discussion platform that later on evolved to an entire documents database. In this table all document properties and content is stored. Documents are used in a large number of processes, such as orders and confirmations. Furthermore they are used for storing all kinds of information, such as help files, release notes and announcements. A document either follows the logic of the main category, in the [BacoDiscussionGroups] table, or of the document type, in the [BacoDiscussionFixedTypes] table. Document versions are stored in the [BacoDiscussionVersions] table. The active version is always present in the [BacoDiscussions] table. All versions, including the active version, are stored in the [BacoDiscussionVersions] table.

2.1.2 BacoDiscussions field details

Assortment - Assortment
The [BacoDiscussions.Assortment] field stores the assortment, to which the document applies. The [BacoDiscussions.Assortment] field refers to the [ItemAssortment.Assortment] field.

AttachmentType - Attachment type
The [BacoDiscussions.AttachmentType] field stores the type of the attachment linked to a vacancy. The [BacoDiscussions.AttachmentType] field differentiates the vacancy attachment documents from the normal documents. The [BacoDiscussions.AttachmentType] field can store one of the following values:

Value	Description
L	Local newspaper
N	National newspaper
O	Other references

Note! Currently the [BacoDiscussions.AttachmentType] field is used in Exact Synergy Enterprise.

Body - Body
The [BacoDiscussions.Body] field stores the html body text of the document.

Category - Category
The [BacoDiscussions.Category] field stores the category of the document. The category is part of the main category, stored in the [BacoDiscussions.GroupID] field. The subcategory, stored in the [BacoDiscussions.Subcategory] field is part of the category. The [BacoDiscussions.Category] field refers to the [BacoDiscussionCategories.Category] field.

CheckedOut - Checked out
The [BacoDiscussions.CheckedOut] field stores the date and time a document is checked out, e.g. for editing. When a document is checked out, other resources with rights to edit the document, cannot edit the document.

CheckedOutBy - Checked out by
The [BacoDiscussions.CheckedOutBy] field stores the resource that has checked out the document for editing.
The [BacoDiscussions.CheckedOutBy] field refers to the [Humres.Res_ID] field.

Class_02_1 - Release (from)
The [BacoDiscussions.Class_02_1] field is the first field that can store the release of the selected assortment. The [BacoDiscussions.Class_02_1] field always depends on the [BacoDiscussions.Assortment] field. The [BacoDiscussions.Class_02_1] field refers to the [ItemReleases.ProductRelease] field.

Class_02_2 - Release (to)
The [BacoDiscussions.Class_02_2] field is the second field that can store the release of the selected assortment.
The [BacoDiscussions.Class_02_2] field always depends on the [BacoDiscussions.Assortment] field. The [BacoDiscussions.Class_02_2] field refers to the [ItemReleases.ProductRelease] field.

Cmpwwn - Account
The [BacoDiscussions.Cmpwwn] field stores the account that is linked to the document. The [BacoDiscussions.CmpWwn] field refers to the [Cicmpy.Cmp_wwn] field.

Cnt_ID - Contact person
The [BacoDiscussions.Cnt_ID] field stores the contact, which belongs to the selected account in the [BacoDiscussions.Cmpwwn] field that is linked to the document. The [BacoDiscussions.Cnt_ID] field refers to the [Cicntp.Cnt_ID] field.

Company - Division
The [BacoDiscussions.Company] field stores the division of the document. The [BacoDiscussions.Company] field refers to the [Bedryf.Bedrnr] field.

CreatedBy - Creator
The [BacoDiscussions.CreatedBy] field stores the resource who created the document. The [BacoDiscussions.CreatedBy] field refers to the [Humres.Res_ID] field.

CreatedByFullname - Creator full name
The [BacoDiscussions.CreatedByFullname] field stores the full name of the resource that created the document. This name is build up of the following resource data fields:

- first name - the [Humres.First_Name] field
- middle name - the [Humres.Middle_Name] field
- last name - the [Humres.Sur_Name] field
- maiden name - [Humres.Maiden_Name] field

CreatedDate - Created date
The [BacoDiscussions.CreatedDate] field stores the date and time the document has been created.

Division - Division
The [BacoDiscussions.Division] field stores the division code of the user's division. The [BacoDiscussions.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

Document - Attachment
The [BacoDiscussions.Document] field stores the binary format of the attachment in a document.

EntryKey - Transaction
The [BacoDiscussions.EntryKey] field stores the transaction, that is linked to the document. The [BacoDiscussions.EntryKey] field refers to the [TransactionsPending.EntryGuid] field.

ExpiryDate - Document deletion date
The [BacoDiscussions.ExpiryDate] field stores the date that the document can be deleted.

FileName - File name
The [BacoDiscussions.FileName] field stores the file name of the attachment that is linked to the document.

FPIntroText - Frontpage introduction text
The [BacoDiscussions.FPIntroText] field stores the text that is used as introduction on the news page, when a document is published as frontpage item, see the [BacoDiscussions.NewsType] field description.

GroupID - Main category
The [BacoDiscussions.GroupID] field stores the ID of the main category of the document. The [BacoDiscussions.GroupID] field refers to the [BacoDiscussionGroups.ID] field.

HID - Human readable ID
The [BacoDiscussions.HID] field stores the document ID.

HumResID - Resource
The [BacoDiscussions.HumResID] field stores the resource that is linked to the document. If the security level of the document, see the [BacoDiscussions.JobLevel] field description, is resource specific (100), then the [BacoDiscussions.HumResID] field determines for which resource this applies. The [BacoDiscussions.HumResID] field refers to the [Humres.res_ID] field.

ID - ID
The [BacoDiscussions.ID] field stores the GUID of the document.

IsMailMerge - Is Mail merge document
The [BacoDiscussions.IsMailMerge] field can have value “0” or “1”. If this value is “1”, then the document is a mail merge template and can be used for mailings (merging data of other entities in the document).

IsTemplate - Template
The [BacoDiscussions.IsTemplate] field can have value “0” or “1”. If this value is “1”, then the document is a document template and is used as template for all documents in the same main category / category / subcategory.

ItemCode - Item code
The [BacoDiscussions.ItemCode] field stores the item that is linked to the document. If an assortment is selected, see the [BacoDiscussions.Assortment] field, then the item that can be selected, must belong to the selected assortment.
The [BacoDiscussions.ItemCode] field refers to the [Items.ItemCode] field.

ItemNumberID - Item Serial Number ID
The [BacoDiscussions.ItemNumberID] field stores the serial number that is linked to the document. The serial number must belong to the selected item, in the [BacoDiscussions.ItemCode] field. The [BacoDiscussions.ItemNumberID] field refers to the [ItemNumbers.ID] field.

JobLevel - Security level
The [BacoDiscussions.JobLevel] field stores the security level of the document.

LanguageID - Language
The [BacoDiscussions.LanguageID] field stores the language of the document. The [BacoDiscussions.LanguageID] field refers to the [Taal.TaalCode] field.

LayoutReference - Layout ID
The [BacoDiscussions.LayoutReference] field stores the layout reference ID. This is to ensure document category information linked to the layout is not lost during migration.

MailFrom - Mail from
The [BacoDiscussions.MailFrom] field stores the name of the person who sent the email document.

MailOnBehalf - Mail on behalf
The [BacoDiscussions.MailOnBehalf] field stores the name of the sender who is sending the email on behalf of another person.

MailSentOn - Mail sent date
The [BacoDiscussions.MailSentOn] field stores the date the email was sent.

MailTo - Mail to
The [BacoDiscussions.MailTo] field stores the name of the person who will be receiving the email.

ModifiedBy - Modified by
The [BacoDiscussions.ModifiedBy] field stores the resource who has last modified the document. The [BacoDiscussions.ModifiedBy] field refers to the [Humres.res_ID] field.

ModifiedDate - Modified date
The [BacoDiscussions.ModifiedDate] field stores the date and time that the document was last modified.

NewsType - News type (Normal, Frontpage, Headline)
The [BacoDiscussions.NewsType] field stores how the document should be published. This field can have the following values:

- 0 = Normal : the document does not appear on the news page
- 1 = Frontpage : the document appears as frontpage item on the news page
- 2 = Headline : the document appears as headline item on the news page

Note - Remarks and comments
The [BacoDiscussions.Note] field stores the remarks added to a document. Currently this can only be done in Exact Globe, and not in Exact Synergy Enterprise.

OpportunityID - Opportunity
The [BacoDiscussions.OpportunityID] field stores the ID of the opportunity linked to the document. The [BacoDiscussions.OpportunityID] field refers to the [Opportunities.ID] field.
Note! Currently the [BacoDiscussions.OpportunityID] field is used in Exact Synergy Enterprise.

OrderNumber - Attached order
The [BacoDiscussions.OrderNumber] field stores the order number of the order, if the document is linked to an order.

OurRef - Our reference
The [BacoDiscussions.OurRef] field stores the ‘Our ref.’ number of the transaction, if the document is linked to a transaction.

Owner - Owner
The [BacoDiscussions.Owner] field stores the resource, who is owner of the document. The owner is allowed to edit the document, like the creator. The [BacoDiscussions.Owner] field refers to the [Humres.Res_ID] field.

OwnerType - OwnerType
The [BacoDiscussions.OwnerType] field stores the which (group of) resource(s) have edit rights for the document.
The [BacoDiscussions.OwnerType] field can store one of the following values:

Value	Description	Explanation
0	Creator / Owner	The owner, specified in the [BacoDiscussions.Owner] field, has edit rights.
1	Division - Document	All resources in the division, specified in the [BacoDiscussions. Company] field, have edit rights.
2	Division - Creator	All resources in the division, specified in the [Humres.Comp] field, of the creator of the document, specified in the [BacoDiscussions. CreatedBy] field, have edit rights.
3	Role	All resources with the role, specified in the [BacoDiscussions. OwnerTypeValue] field, have edit rights.
4	Cost center	All resources in the cost center, specified in the [BacoDiscussions. OwnerTypeValue] field, have edit rights.
5	Project - member	All resources, who are member of the project, specified in the [BacoDiscussions.ProjectNr] field, have edit rights.
6	Cost center group	All resources in the cost center group, specified in the [BacoDiscussions.OwnerTypeValue] field, have edit rights.

OwnerTypeRoleLevel - Owner type role level
The [BacoDiscussions.OwnerTypeRoleLevel] field stores the role level of the resource(s) that have edit rights for the document.

OwnerTypeRoleRefPoint - Owner type role reference point
The [BacoDiscussions.OwnerTypeRoleRefPoint] field stores the reference point value for a document.

OwnerTypeValue - Owner type value
The [BacoDiscussions.OwnerTypeValue] field stores additional information with regards to the selected edit rights in the [BacoDiscussions.OwnerType] field. The [BacoDiscussions.OwnerTypeValue] field refers to:

- [HRRoleDefs.ID], if the value for [BacoDiscussions.OwnerType] =3 (Role)
- [Kstpl.KstplCode], if the value for [BacoDiscussions.OwnerType] = 4 (Cost center)
- [CostCenterClasses.CostcenterClassCode], if the value for [BacoDiscussions.OwnerType] = 6 (Cost center group)

ParentID - Parent ID
The [BacoDiscussions.ParentID] field stores the main document, e.g. in case the document is a reply to another document.
The [BacoDiscussions.ParentID] field refers to the [BacoDiscussions.ID] field.

PaymentReference - Payment reference
The [BacoDiscussions.PaymentReference] field stores the payment reference of the document. The [BacoDiscussions.PaymentReference] field refers to the [Gbkmut.Betaalref] field, in case of an 'Our ref.' or 'Your ref.' value, or to the [BankTransactions.OffsetReference] field, in case of a project, serial number or order number.

ProjectNr - Project number
The [BacoDiscussions.ProjectNr] field stores the project, linked to the document. In combination with the security level (=101), the [BacoDiscussions.JobLevel] field, the [BacoDiscussions.ProjectNr] field can also provide extra security for project members only. In combination with the owner type (=5), the [BacoDiscussions.OwnerType] field, the [BacoDiscussions.ProjectNr] field can provide extra edit rights for project members. The [BacoDiscussions.ProjectNr] field refers to the [PRProject.ProjectNr] field.

ReportID - Report
Note! The [BacoDiscussions.ReportID] field is reserved for the Exact Business Analytics integration into Exact Synergy Enterprise.

ShipmentMethod - Shipment method
The [BacoDiscussions.ShipmentMethod] field stores the delivery method, e.g. in case the document is a sales order confirmation. The [BacoDiscussions.ShipmentMethod] field refers to the [Ordlev.Levwijze] field.

Source - Source
The [BacoDiscussions.Source] field stores the source of the document. The [BacoDiscussions.Source] field can store one of the following values:

Value	Description
S	Generated
I	Input
O	Output

Status - Status
The [BacoDiscussions.Status] field stores the status of the document. The status can have consequences for the visibility of the document. The [BacoDiscussions.Status] field refers to the [BacoDiscussionStates.State] field. The [BacoDiscussions.Status] field can store one of the following values:

Value	Description
10	Draft
20	Open (Not approved)
25	Rejected
30	Approved
100	Archived

StatusText - Statustext
The [BacoDiscussions.StatusText] field stores the reason, why a document is rejected.

SubCategory - Subcategory
The [BacoDiscussions.SubCategory] field stores the subcategory of the document. The subcategory belongs to the specified category, see the [BacoDiscussions.Category] field. The [BacoDiscussions.SubCategory] field refers to the [BacoDiscussionSubCategories.ID] field.

Subject - Subject
The [BacoDiscussions.Subject] field stores the subject of the document.

Timestamp - TimeStamp
The [BacoDiscussions.Timestamp] field stores a system generated timestamp.
The timestamp field is regenerated upon every change in the documents. This field is mainly used for replication purposes.

Type - Type
The [BacoDiscussions.Type] field stores the type of the document.
The [BacoDiscussions.Type] field refers to the [BacoDiscussionFixedTypes.TypeID] field.

Version - Document version number
The [BacoDiscussions.Version] field stores the version number of the document. The active version is always stored in the [BacoDiscussions] table; all versions (the active and inactive / future) are stored in the [BacoDiscussionsVersions] table.
The [BacoDiscussions.Version] field refers to the [BacoDiscussionVersions.Version] field.

ViewDate - View date
The [BacoDiscussions.ViewDate] field stores the date and time, that a reply to the document was last modified.

ViewRightsOwner - View rights owner
The [BacoDiscussions.ViewRightsOwner] field stores the ID of the resource who has viewing rights to view the document.

ViewRightsType - View rights type
The [BacoDiscussions.ViewRightsType] field stores the type of rights that the resource has to view the documents.

ViewRightTypeRoleLevel - View rights type role level
The [BacoDiscussions.ViewRightTypeRoleLevel] field stores the role level of the type of rights that the resource has to view the documents.

ViewRightsTypeValue - View rights type value
The [BacoDiscussions.ViewRightsTypeValue] field stores the role value of the resource who has viewing rights to view the document.

ViewRightTypeRoleRefPoint - View rights type role reference point
The [BacoDiscussions.ViewRightTypeRoleRefPoint] field stores the reference point value for a resource who has viewing rights to the document.

VoteCount - Vote count
The [BacoDiscussions.VoteCount] field stores how many times a vote has been placed for this document.

VoteSum - Vote sum
The [BacoDiscussions.VoteSum] field stores the total sum of the votes. A vote can have a value 1,2,3,4 or 5. For example, 1 vote with value '3' and 1 vote with value '5' will store the value of '8' in this field.

Warehouse - Warehouse
The [BacoDiscussions.Warehouse] field stores the warehouse that is linked to the document. The [BacoDiscussions.Warehouse] field refers to the [Magaz.MagCode] field.

YourRef - Your reference
The [BacoDiscussions.YourRef] field stores the 'Your ref.' that is linked to the document. The [BacoDiscussions.YourRef] field refers to the [Gbkmut.DocNumber] field.

Chapter 3 | Document Categories

3. Document Categories

Document categories are used to divide documents in recognizable groups.
Categories are structured in 3 layer architecture:

- Category groups: This is the highest and most general layer. The document groups are stored in the [BacoDiscussionGroups] database table.
- Categories: this is the second layer of the category structure and is a subdivision of the category groups. The categories are stored in the [BacoDiscussionCategories] table.
- Subcategories. This is the lowest subdivision of categories; the subcategories are stored in the [BacoDiscussionSubCategories] table.

For the subcategory level it is possible to define the role that is needed to approve a document in this subcategory. These roles are stored in the [BacoDiscussionGRoles] table.

3.1 BacoDiscussionGroups - Document Category Group

3.1.1 General Description

The [BacoDiscussionGroups] table stores the category groups. The [BacoDiscussionGroups] table not only stores the definitions of the highest category levels, but it is also possible to define what fields can be linked to, and what actions are allowed on the documents that are in this category group.
However this functionality is depending on the fact if a document type is selected for the document. If a document type is selected the similar functionality of the document types is leading.

3.1.2 BacoDiscussionGroups field details

AllowReplies - Allow users to create replies to documents
The [BacoDiscussionGroups.AllowReplies] field indicates if replying to a document in this category group is allowed. The value “1” indicates that replies are allowed. The value “0” indicates replies are not allowed.

Description - Description
The [BacoDiscussionGroups.Description] field stores the description of the category group.

Division - Division
The [BacoDiscussionGroups.Division] field stores the division code of the user’s division. The [BacoDiscussionGroups.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

GroupIcon - Group icon
The [BacoDiscussionGroups.GroupIcon] field stores the image linked to the category group. The image is stored in binary format.

GroupIconFileName - Category image file name
The [BacoDiscussionGroups.GroupIconFileName] field stores the name of the image file that is linked to the category group.

GroupOrder - Order
The [BacoDiscussionGroups.GroupOrder] field stores the order in which the category groups are displayed.

ID - ID
The [BacoDiscussionGroups.ID] field stores the system generated database record identification number. This is the field that is used when a reference to the [BacoDiscussionGroups] table is needed.

Publish - Allow publication level selection
The [BacoDiscussionGroups.Publish] field indicates if the selection of a publication level is allowed in this category group. The value “1” indicates that publication level selection is allowed. The value “0” indicates that publication level selection is not allowed.

RestrictedRights - Show security field
The [BacoDiscussionGroups.RestrictedRights] field indicates if the selection of a security level is allowed in this category group. The value “1” indicates that security level selection is allowed. The value “0” indicates that security level selection is not allowed.

TemplateID - Default template document
The [BacoDiscussionGroups.TemplateID] field stores the ID of the document that is used as a template when a document of this category group is displayed. If for the document category a template is defined [BacoDiscussionCategories.TemplateID] the category level template will be leading. The [BacoDiscussionGroups.TemplateID] field refers to the [BacoDiscussions.ID] field.

UseCmpWwn - Use account
The [BacoDiscussionGroups.UseCmpWwn] field indicates if an account can be linked to a document in this category group.
The [BacoDiscussionGroups.UseCmpWwn] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseCompany - Use company
The [BacoDiscussionGroups.UseCompany] field indicates if a division can be linked to a document in this category group.
The [BacoDiscussionGroups.UseCompany] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseCompGroup - Use company group
The [BacoDiscussionGroups.UseCompGroup] field indicates if a division group can be linked to a document in this category group.
The [BacoDiscussionGroups.UseCompany] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseEntryKey - Use Entry Key
The [BacoDiscussionGroups.UseEntryKey] field indicates if a financial entry can be linked to a document in this category group.
The [BacoDiscussionGroups.UseEntryKey] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseHumResID - Use human resource ID
The [BacoDiscussionGroups.UseHumResID] field indicates if a resource can be linked to a document in this category group.
The [BacoDiscussionGroups.UseHumResID] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseItemNumber - Use serial number

The [BacoDiscussionGroups.UseItemNumber] field indicates if a serial number can be linked to a document in this category group.
The [BacoDiscussionGroups.UseItemNumber] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseItems - Use items

The [BacoDiscussionGroups.UseItems] field indicates if an item can be linked to a document in this category group.
The [BacoDiscussionGroups.UseItems] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseLanguageID - Use language field

The [BacoDiscussionGroups.UseLanguageID] field indicates if a language can be linked to a document in this category group.
The [BacoDiscussionGroups.UseLanguageID] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseOpportunity - Use opportunity
The [BacoDiscussionGroups.UseOpportunity] field indicates if an opportunity can be linked to a document of this category group.
The [BacoDiscussionGroups.UseOpportunity] field can store one of the following values:

Value	Description	Remark
0	No (Not used)	The opportunity field will not be visible or used.
1	Yes (Optional)	The opportunity field will be visible, but users can opt not to enter a value for the field.
2	Yes (Mandatory)	The opportunity field will be visible, and users must enter a value for the field.

Note! Currently the [BacoDiscussionGroups.UseOpportunity] field is used in Exact Synergy Enterprise.

UseProductLine - Use product line
The [BacoDiscussionGroups.UseProductLine] field indicates if an assortment can be linked to a document in this category group.
The [BacoDiscussionGroups.UseProductLine] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseProjectNr - Use project number
The [BacoDiscussionGroups.UseProjectNr] field indicates if a project can be linked to a document in this category group.
The [BacoDiscussionGroups.UseProjectNr] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

UseReports - Use reports
Note! The [BacoDiscussionGroups.UseReports] field is reserved for the Exact Business Analytics integration into Exact Synergy Enterprise.

UseVote - Use voting
The [BacoDiscussionGroups.UseVote] field indicates if the voting functionality can be used for a document in this category group.
The value “1” indicates that voting is allowed. The value “0” indicates that voting is not allowed.

3.2 BacoDiscussionCategories - Document Category

3.2.1 General Description

The [BacoDiscussionCategories] table stores the document categories. This is the second level of category grouping that can be used within documents.
The document category belongs to one of the document category groups, and the category again can be subdivided into subcategories. The reference field of the [BacoDiscussionCategories] table is the [Category] field.

3.2.2 BacoDiscussionCategories field details

Category - Description
The [BacoDiscussionCategories.Category] field stores the description of the category.
The [BacoDiscussionCategories.Category] field is used when a reference to the [BacoDiscussionCategories] table is needed.

Division - Division
The [BacoDiscussionCategories.Division] field stores the division code of the user's division. The [BacoDiscussionCategories.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

GroupID - Group ID
The [BacoDiscussionCategories.GroupID] field stores the ID of the category group this category belongs to.
The [BacoDiscussionCategories.GroupID] field refers to the [BacoDiscussionGroups.ID] field.

ID - ID
The [BacoDiscussionCategories.ID] field stores the system generated database record identification number.
This field is functionally not used.

TemplateID - Default template document
The [BacoDiscussionCategories.TemplateID] field stores the ID of the document that is used as a template when a document of this category is displayed. If for the document category a template is defined it is leading over a template that is defined for the category group. The [BacoDiscussionCategories.TemplateID] field refers to the [BacoDiscussions.ID] field.

3.3 BacoDiscussionSubCategories - Document subcategory

3.3.1 General Description

The [BacoDiscussionSubCategories] table stores the lowest level of the category structure.
The reference field of the [BacoDiscussionSubCategories] table is the [SubCategory] field.

3.3.2 BacoDiscussionSubCategories field details

Category - Category description
The [BacoDiscussionSubCategories.Category] field stores the description of the category that the subcategory belongs to.
The [BacoDiscussionSubCategories.Category] field refers to the [BacoDiscussionCategories.Category] field.

CategoryID - Category ID
The [BacoDiscussionSubCategories.CategoryID] field stores the ID of the category the subcategory belongs to.
The [BacoDiscussionSubCategories.CategoryID] field refers to the [BacoDiscussionCategories.ID] field.

CheckField - Check field
The [BacoDiscussionSubCategories.CheckField] field indicates if the document for the subcategory has been migrated to a document type. The value “1” indicates that the document for the subcategory has been migrated to a document type and “0” indicates that the document for the subcategory has not been migrated to a document type.

Division - Division
The [BacoDiscussionSubCategories.Division] field stores the division code of the user’s division. The [BacoDiscussionSubCategories.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

DocumentTypeID - Document type ID
The [BacoDiscussionSubCategories.DocumentTypeID] field stores the ID of the document type.

ForumCustomer - Forum customer
The [BacoDiscussionSubCategories.ForumCustomer] field indicates if the document subcategory can be used in a forum on customer level. The value “1” indicates that the subcategory can be used in a customer level forum; the value “0” indicates that the subcategory cannot be used in a customer level forum.

ForumDescription - Forum description
The [BacoDiscussionSubCategories.ForumDescription] field stores the description of the document subcategory as it will be shown on the forum.

ForumEmployee - Forum employee
The [BacoDiscussionSubCategories.ForumEmployee] field indicates if the document subcategory can be used in a forum on employee level. The value "1" indicates that the subcategory can be used in an employee level forum. The value "0" indicates that the subcategory cannot be used in an employee level forum.

ForumPublic - Forum public
The [BacoDiscussionSubCategories.ForumPublic] field indicates if the document subcategory can be used in a forum on a public level. The value "1" indicates that the subcategory can be used in a public level forum. The value "0" indicates that the subcategory cannot be used in a public level forum.

ForumReseller - Forum reseller
The [BacoDiscussionSubCategories.ForumReseller] field indicates if the document subcategory can be used in a forum on reseller level. The value "1" indicates that the subcategory can be used in a reseller level forum. The value "0" indicates that the subcategory cannot be used in a reseller level forum.

FullText - Full text
The [BacoDiscussionSubCategories.FullText] field indicates if the documents linked to this subcategory should be included in the full text indexing.

GroupID - Group ID
The [BacoDiscussionSubCategories.GroupID] field stores the ID of the category group the subcategory belongs to.
The [BacoDiscussionSubCategories.GroupID] field refers to the [BacoDiscussionGroups.ID] field.

ID - ID
The [BacoDiscussionSubCategories.ID] field stores the system generated database record identification number. This field is functionally not used.

NeedsApproval - Needs approval
The [BacoDiscussionSubCategories.NeedsApproval] field indicates if documents in this subcategory need approval. The value "1" indicates that approval is necessary. The value "0" indicates that approval is not necessary.

SecurityLevel - Security level
The [BacoDiscussionSubCategories.SecurityLevel] field stores the default security level for the documents linked to the subcategory.

SubCategory - Sub-category description
The [BacoDiscussionSubCategories.SubCategory] field stores the description of the subcategory. This is the field that is used when a reference to the [BacoDiscussionSubCategories] table is needed.

3.4 BacoDiscussionGRoles - Document Approval Roles

3.4.1 General Description

The [BacoDiscussionGRoles] stores per subcategory the role that is needed to approve documents in this subcategory.

3.4.2 BacoDiscussionGRoles field details

ApprovalRoleLevel - Approval role level
The [BacoDiscussionGRoles.ApprovalRoleLevel] field stores the role level of the resource who can approve the document.

ApprovalRefPoint - Approval reference point
The [BacoDiscussionGRoles.ApprovalRefPoint] field stores the reference point value for the resource who can approve the document.

Division - Division
The [BacoDiscussionGRoles.ID] field stores the division code of the user's division. The [BacoDiscussionGRoles.ID] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

DocumentTypeID - Document type ID
The [BacoDiscussionGRoles.DocumentTypeID] field stores the ID of the document type for the document.

ID - ID
The [BacoDiscussionGRoles.ID] field stores the system generated database record ID. This field is not functionally used.

RoleID - Role ID
The [BacoDiscussionGRoles.RoleID] field stores the ID of the role that is needed to approve a document in the linked subcategory.
The [BacoDiscussionGRoles.RoleID] field refers to the [HRRoledefs.ID] field.

SubCategoryID - Subcategory ID
The [BacoDiscussionGRoles.SubCategoryID] field stores the subcategory the approval role is defined for.
The [BacoDiscussionGRoles.SubCategoryID] field refers to the [BacoDiscussionSubCategories.ID] field.

Chapter 4 | Document types

4. Document types

Document types are used to group documents that that have a similar function.
Using document types it is not only possible to group the similar documents, but also per type specific defaults, selections and permissions can be defined.
Some of these defaults can also be defined using document categories, however when a document type is used the document type functionality is leading.

4.1 BacoDiscussionFixedGroups - document type group

4.1.1 General Description

The [BacoDiscussionFixedGroups] table is use to store the document type groups.
These document type groups are used to group document types with similar characteristics.

4.1.2 BacoDiscussionFixedGroups field details

CreatedBy - Created by
The [BacoDiscussionFixedGroups.CreatedBy] field stores the resource that created the document type group.
The [BacoDiscussionFixedGroups.CreatedBy] field refers to the [Humres.Res_ID] field.

CreatedDate - Created
The [BacoDiscussionFixedGroups.CreatedDate] field stores the date and time that the document type group has been created.

Description - Description
The [BacoDiscussionFixedGroups.Description] field stores the description of the type group.

Division - Division
The [BacoDiscussionFixedGroups.Division] field stores the division code of the user's division. The [BacoDiscussionFixedGroups.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

ID - ID
The [BacoDiscussionFixedGroups.ID] field stores the system generated database record identification number. This is the field that is used when a reference to the [BacoDiscussionFixedGroups] table is needed.

ModifiedBy - Modified by
The [BacoDiscussionFixedGroups.ModifiedBy] field stores the resource who last modified the document type group. Initially, this field contains the creator as is stored in the [BacoDiscussionFixedGroups.CreatedBy] field. The [BacoDiscussionFixedGroups.ModifiedBy] field refers to the [Humres.Res_ID] field.

ModifiedDate - Modified
The [BacoDiscussionFixedGroups.ModifiedDate] field stores the date and time that the document type group was last modified. Initially, this field contains the creation date.

SystemType - System type
The [BacoDiscussionFixedGroups.SystemType] field indicates that the document type group is a system type group. If the type group is a system type, specific functionality is using this type and therefore it can not be deleted. System type document types are created when the software is installed. The value “1” indicates that the document type group is a system type group. The value “0” indicates that the document type group is not a system type group. The standard system types groups are:

Description
Cash flow
CRM
Financial
Forum
HRM
Miscellaneous
Products
Purchase
Sales
Web site

4.2 BacoDiscussionFixedTypes - Document type

4.2.1 General Description

The [BacoDiscussionFixedTypes] table stores the document type definition.
In this definition the defaults, selections and permissions are stored that will be used when a document is linked to a specific document type.

4.2.2 BacoDiscussionFixedTypes field details

Ac_Label - Account Label
The [BacoDiscussionFixedTypes.Ac_Label] field stores the description that will be shown if the account field can be linked to the document.

Ac_Selection - Account selection
The [BacoDiscussionFixedTypes.Ac_Selection] field stores the account selection query that will be used if the account field can be linked to the document. This selection query determines which accounts can be selected in the account browser.

Ac_Type - Account type
The [BacoDiscussionFixedTypes.Ac_Type] field stores the account type that can be selected if the account field can be linked to the document. The [BacoDiscussionFixedTypes.Ac_Type] field can store one of the following values:

Value	Description
1	Associate
2	Prospect
3	Customer
4	Supplier
5	Reseller
6	Division
7	Bank
8	Not validated
NULL	AC_Type is not used

Ac_Use - Account use
The [BacoDiscussionFixedTypes.Ac_Use] field indicates if an account can be linked to a document of this type.
The [BacoDiscussionFixedTypes.Ac_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Active - Active
The [BacoDiscussionFixedTypes.Active] field indicates if the document type is active. The value "1" indicates it is active. The value "0" indicates it is inactive.

ActionOldMajorVersion - Action old major version
The [BacoDiscussionFixedTypes.ActionOldMajorVersion] field indicates whether the older major version of a document is to be archived or deleted once a document has reached the maximum limit of the number of major versions allowed to be created and saved. The [BacoDiscussionFixedTypes.ActionOldMajorVersion] field can store one of the following values:

Value	Description
A	Archive
D	Delete

AllowCheckoutDays - Allow check out days
The [BacoDiscussionFixedTypes.AllowCheckoutDays] field stores the number of days the document of this type will be checked out.

AllowReplies - Allow replies
The [BacoDiscussionFixedTypes.AllowReplies] field indicates whether replies are allowed for documents. The value "1" indicates that replies are allowed for documents and "0" indicates that replies are not allowed.

AllowScripting - Allow scripting
The [BacoDiscussionFixedTypes.AllowScripting] field indicates whether user scripting is allowed for the document of this type. The value "1" indicates that user scripting is allowed for the document of this type and "0" indicates that user scripting is not allowed for the document of this type.

ApprovalRole - Approval role
The [BacoDiscussionFixedTypes.ApprovalRole] field stores the role that users must have to be able to approve the document of this type.

ApprovalRoleLevel - Approval role level
The [BacoDiscussionFixedTypes.ApprovalRoleLevel] field stores the role level that users must have to be able to approve the document of this type.

ApprovalRefPoint - Approval reference point
The [BacoDiscussionFixedTypes.ApprovalRefPoint] field stores the reference point that the division use to search for documents that requires approval. The [BacoDiscussionFixedTypes.ApprovalRefPoint] field can store one of the following values:

Value	Description
A	Document Accounts's division
C	Document Creator's division
I	Document Item's division
P	Document Project's division
R	Document Resource's division
S	Document Serial number's division

Note: This field is only used for the Standard document structure.

Ap_Use - Approval use
The [BacoDiscussionFixedTypes.Ap_Use] field indicates if documents of this type need approval. The value "1" indicates that the document needs approval. The value "0" indicates that the document does no need approval.

ArchiveDays - Archive days
The [BacoDiscussionFixedTypes.ArchiveDays] field stores the number of days to archive the document of this type after an action based on the [BacoDiscussionFixedTypes.ArchiveMethods] field is completed.

ArchiveMethods - Archive methods
The [BacoDiscussionFixedTypes.ArchiveMethods] field stores the type of archiving method for the documents of this type. The [BacoDiscussionFixedTypes.ArchiveMethods] field can store one of the following values:

Value	Description
C	After creation
M	Last modified
R	Last read

As_Default - Default assortment
The [BacoDiscussionFixedTypes.As_Default] field stores the default assortment for documents of this type.
The [BacoDiscussionFixedTypes.As_Default] field refers to the [ItemAssortment.Assortment] field.

As_Use - Assortment use
The [BacoDiscussionFixedTypes.As_Use] field indicates if an assortment can be linked to a document of this type. The value "1" indicates that an assortment can be linked. The value "0" indicates that an assortment cannot be linked.

Attachment - Allow attachment
The [BacoDiscussionFixedTypes.Attachment] field indicates if attachments are allowed for this document type.

BlockHiddenManEntry - Block hidden manual entry
The [BacoDiscussionFixedTypes.BlockHiddenManEntry] field indicates whether the user is allowed to create documents of this type manually. The [BacoDiscussionFixedTypes.BlockHiddenManEntry] field can store one of the following values:

Value	Description
A	Allowed
B	Blocked
H	Hidden

Cr_Level1 - Creator security level 1
The [BacoDiscussionFixedTypes.Cr_Level1] field stores the role level that, in combination with the [BacoDiscussionFixedTypes.Cr_Role1] field, is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Level1] field refers to the [HRRoleLevels.ID] field.

Cr_Level2 - Creator security level 2
The [BacoDiscussionFixedTypes.Cr_Level2] field stores the role level that, in combination with the [BacoDiscussionFixedTypes.Cr_Role2] field, is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Level2] field refers to the [HRRoleLevels.ID] field.

Cr_Level3 - Creator Security Level 3
The [BacoDiscussionFixedTypes.Cr_Level3] field stores the role level that, in combination with the [BacoDiscussionFixedTypes.Cr_Role3] field, is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Level3] field refers to the [HRRoleLevels.ID] field.

Cr_Role1 - Creator role 1
The [BacoDiscussionFixedTypes.Cr_Role1] field stores the role that, in combination with the [BacoDiscussionFixedTypes.Cr_Level1] field is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Role1] field refers to the [HRRoles.ID] field.

Cr_Role2 - Creator role 2
The [BacoDiscussionFixedTypes.Cr_Role2] field stores the role that, in combination with the [BacoDiscussionFixedTypes.Cr_Level2] is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Role2] field refers to the [HRRoles.ID] field.

Cr_Role3 - Creator role 3
The [BacoDiscussionFixedTypes.Cr_Role3] field stores the role that, in combination with the [BacoDiscussionFixedTypes.Cr_Level3] is necessary to create a document of this type when the security level of the resource is lower than the create security level of the document type (the [BacoDiscussionFixedTypes.Cr_Security] field). The [BacoDiscussionFixedTypes.Cr_Role3] field refers to the [HRRoles.ID] field.

Cr_Security - Creator security level
The [BacoDiscussionFixedTypes.Cr_Security] field stores the minimal security level that the user needs to have to be able to create a document of this type.

Cr_SystemGen - System generate
The [BacoDiscussionFixedTypes.Cr_SystemGen] field indicates that this document type should have the same functionality as a real system type (the [BacoDiscussionFixedTypes.SystemType] field) like no approval possible, not possible to delete, etc.

CreatedBy - Created by
The [BacoDiscussionFixedTypes.CreatedBy] field stores the ID of the resource who created this document type.
The [BacoDiscussionFixedTypes.CreatedBy] field refers to the [Humres.Res_ID] field.

CreatedDate - Created date
The [BacoDiscussionFixedTypes.CreatedDate] field stores the date and time that the document type was created.

DaysToExpiry - Lifetime
The [BacoDiscussionFixedTypes.DaysToExpiry] field stores the number of days that will be used to calculate the default deletion date of a document of this type.

DefCategory - Default category
The [BacoDiscussionFixedTypes.DefCategory] field stores the ID of the default document category for a document of this type.
The [BacoDiscussionFixedTypes.DefCategory] field refers to the [BacoDiscussionCategories.ID] field.

DefGroupID - Default main category
The [BacoDiscussionFixedTypes.DefGroupID] field stores the ID of the default category group for a document of this type.
The [BacoDiscussionFixedTypes.DefGroupID] field refers to the [BacoDiscussionGroups.ID] field.

DefSecurity - Default security
The [BacoDiscussionFixedTypes.DefSecurity] field stores the default security level for a document of this type.

DefSecurityTo - Default security to
The [BacoDiscussionFixedTypes.DefSecurityTo] field stores the upper range of the security that the document of this type is bound to.
Note: This field is only used for the Standard document structure.

DefSubCategory - Default sub category
The [BacoDiscussionFixedTypes.DefSubCategory] field stores the ID of the default document subcategory for a document of this type. The [BacoDiscussionFixedTypes.DefSubCategory] field refers to the [BacoDiscussionSubCategories.ID] field.

DeleteRights - Delete
The [BacoDiscussionFixedTypes.DeleteRights] field indicates if and by whom the document can be deleted when version control (the [BacoDiscussionFixedTypes.VersionType] field) is on. The [BacoDiscussionFixedTypes.DeleteRights] field can store one of the following values:

Value	Description
Y	Yes
N	No
C	No, only creator can delete
A	no, only approver can delete

Description - Description
The [BacoDiscussionFixedTypes.Description] field stores the description of the document type.

Division - Division
The [BacoDiscussionFixedTypes.Division] field stores the division code of the user's division. The [BacoDiscussionFixedTypes.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

EditRights - Edit
The [BacoDiscussionFixedTypes.EditRights] field indicates if and by whom the document can be edited when version control (the [BacoDiscussionFixedTypes.VersionType] field) is on. The [BacoDiscussionFixedTypes.EditRights] field can store one of the following values:

Value	Description
Y	Yes
N	No
C	No, only creator can delete
A	no, only approver can delete

EditRightsOwner - Edit rights owner
The [BacoDiscussionFixedTypes.EditRightsOwner] field stores the ID of the user who has edit rights for the document of this type.

EditRightsType - Edit rights type
The [BacoDiscussionFixedTypes.EditRightsType] field stores the default edit rights for the documents created under this type. This value can be overwritten by the edit rights defined in the individual documents. The [BacoDiscussionFixedTypes. EditRightsType] field can store one of the following values:

Value	Description
0	Creator / Owner
1	Division – Document
2	Division – Creator
3	Role
4	Cost center
5	Project – Member
6	Cost center group

Note: This field is only used for Standard document structure.

EditRightsTypeValue - Edit rights type value
The [BacoDiscussionFixedTypes.EditRightsTypeValue] field sotres the value defined for the document editing type. This value is the default value for documents created under this type but this value can be overwritten by the individual document level.
Note: This field is only used for Standard document structure.

EditRightTypeRoleLevel - Edit rights type role level
The [BacoDiscussionFixedTypes.EditRightTypeRoleLevel] field stores the role level whereby only users with the role level can edit the document of this type.

EditRightTypeRoleRefPoint - Edit rights type role reference point
The [BacoDiscussionFixedTypes.EditRightTypeRoleRefPoint] field stores the reference point that the division use for document security checking for document with editing rights. The [BacoDiscussionFixedTypes.EditRightTypeRoleRefPoint] field can store one of the following values:

Value	Description
A	Document Accounts's division
C	Document Creator's division
I	Document Item's division
P	Document Project's division
R	Document Resource's division
S	Document Serial number's division

Note: This field is only used in the Standard document structure.

EditSecurity - Security level changeable
The [BacoDiscussionFixedTypes.EditSecurity] field indicates if it is allowed to edit the default security level (the [BacoDiscussionFixedTypes.DefSecurity] field) of a document of this type.

EnableTagging - Enable tagging
The [BacoDiscussionFixedTypes.EnableTagging] field indicates whether the tagging functionality is enabled for the document of this type. The value "1" indicates that the tagging functionality is enabled and "0" indicates that the tagging functionality is not enabled.

Fi_OurRef - Financial our reference
The [BacoDiscussionFixedTypes.Fi_OurRef] field indicates if a financial transaction our ref can be linked to a document of this type. The [BacoDiscussionFixedTypes.Fi_OurRef] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Fi_Selection - Financial Selection
The [BacoDiscussionFixedTypes.Fi_Selection] field is not used anymore.

Fi_Use - Use financial
The [BacoDiscussionFixedTypes.Fi_Use] field indicates if a financial transaction can be linked to a document of this type.
The [BacoDiscussionFixedTypes.Fi_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Fi_YourRef - Financial your reference
The [BacoDiscussionFixedTypes.Fi_YourRef] field indicates if a financial transaction your reference can be linked to a document of this type. The [BacoDiscussionFixedTypes.Fi_YourRef] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

FullText - Full text
The [BacoDiscussionFixedTypes.FullText] field indicates if the words in the documents of this type are indexed. The value “1” indicates that the words in the document of this type are indexed and “0” indicates that the words in this document of this type are not indexed.

GroupID - Group ID
The [BacoDiscussionFixedTypes.GroupID] field stores the ID of the document type group this documents type belongs to.
The [BacoDiscussionFixedTypes.GroupID] field refers to the [BacoDiscussionFixedGroups.ID] field.

It_Default - Items default
The [BacoDiscussionFixedTypes.It_Default] field stores the item code of the default item for documents of this type.
The [BacoDiscussionFixedTypes.It_Default] field refers to the [Items.ItemCode] field.

It_Label - Items label
The [BacoDiscussionFixedTypes.It_Label] field stores the description that will be shown if the item field can be linked to the document.

It_Selection - Items selection
The [BacoDiscussionFixedTypes.It_Selection] field stores the item selection query that will be used if the item field can be linked to the document. This selection query determines which items can be selected in the items browser.

It_Status - Items status
The [BacoDiscussionFixedTypes.It_Status] field stores the item status that can be selected if the item field can be linked to the document. The [BacoDiscussionFixedTypes.It_Status] field can store one of the following values:

Value	Description
A	Active
F	Future
NULL	It_Status not used

It_Use - Items use
The [BacoDiscussionFixedTypes.It_Use] field indicates if an item can be linked to a document of this type.
The [BacoDiscussionFixedTypes.It_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

It_UseNumber - Items serial number
The [BacoDiscussionFixedTypes.It_UseNumber] field indicates if a serial item can be linked to a document of this type.
The [BacoDiscussionFixedTypes.It_UseNumber] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Manager - Manager
The [BacoDiscussionFixedTypes.Manager] field stores the ID of the resource that is responsible for the document type.
The [BacoDiscussionFixedTypes.Manager] field refers to the [Humres.Res_ID] field.

ModifiedBy - Modified by
The [BacoDiscussionFixedTypes.ModifiedBy] field stores the resource who last modified the document type.
The [BacoDiscussionFixedTypes.ModifiedBy] field refers to the [Humres.Res_ID] field.

ModifiedDate - Modified date
The [BacoDiscussionFixedTypes.ModifiedDate] field stores the date and time that the document type was last modified. Initially, this field contains the creation date.

NumMajorVersionAllow - Number of major versions allowed
The [BacoDiscussionFixedTypes.NumMajorVersionAllow] field stores the number of major versions that can be created and saved for a document of this type.

Opportunity_Default - Opportunity default
The [BacoDiscussionFixedTypes.Opportunity_Default] field stores the ID of the default opportunity for documents of this type.
The [BacoDiscussionFixedTypes.Opportunity_Default] field refers to the [Opportunities.ID] field.
Note: Currently the [BacoDiscussionFixedTypes.Opportunity_Default] field is used in Exact Synergy Enterprise.

Opportunity_Selection - Opportunity selection
The [BacoDiscussionFixedTypes.Opportunity_Selection] field stores the opportunity selection query that will be used if the opportunity field can be linked to the document of this type. This selection query determines which opportunities can be selected in the opportunities browser.
Note! Currently the [BacoDiscussionFixedTypes.Opportunity_Selection] field is used in Exact Synergy Enterprise.

Opportunity_Use - Use opportunity
The [BacoDiscussionFixedTypes.Opportunity_Use] field indicates if an opportunity can be linked to a document of this type.
The [BacoDiscussionFixedTypes.Opportunity_Use] field can store one of the following values:

Value	Description	Remark
0	No (Not used)	The opportunity field will not be visible or used.
1	Yes (Optional)	The opportunity field will be visible, but users can opt not to enter a value for the field.
2	Yes (Mandatory)	The opportunity field will be visible, and users must enter a value for the field.

Note! Currently the [BacoDiscussionFixedTypes.Opportunity_Use] field is used in Exact Synergy Enterprise.

OrderNumber_Use - Use order number
The [BacoDiscussionFixedTypes.OrderNumber_Use] field indicates if an order number can be linked to a document of this type.
The [BacoDiscussionFixedTypes.OrderNumber_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

PaymentReference_Use - Use payment reference
The [BacoDiscussionFixedTypes.PaymentReference_Use] field indicates if a payment reference can be linked to a document of this type. The [BacoDiscussionFixedTypes.PaymentReference_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Policy - Policy document
The [BacoDiscussionFixedTypes.Policy] field stores the ID of the document that contains the policy that applies for this document type. The [BacoDiscussionFixedTypes.Policy] field refers to the [BacoDiscussions.ID] field.

Pr_Default - Project default
The [BacoDiscussionFixedTypes.Pr_Default] field stores the project code of the default project for documents of this type. The [BacoDiscussionFixedTypes.Pr_Default] field refers to the [PRProject.ProjectNr] field.

Pr_Selection - Project selection
The [BacoDiscussionFixedTypes.Pr_Selection] field stores the project selection query that will be used if the project field can be linked to the document. This selection query determines which projects can be selected in the projects browser.

Pr_Use - Project use
The [BacoDiscussionFixedTypes.Pr_Use] field indicates if a project can be linked to a document of this type. The [BacoDiscussionFixedTypes.Pr_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Re_Label - Resource label
The [BacoDiscussionFixedTypes.Re_Label] field stores the description that will be shown if the resource field can be linked to the document.

Re_Selection - Resource selection
The [BacoDiscussionFixedTypes.Re_Selection] field stores the resource selection query that will be used if the resource field can be linked to the document. This selection query determines which resources can be selected in the resources browser.

Re_Status - Resource status

The [BacoDiscussionFixedTypes.Re_Status] field stores the resource status that can be selected if the resource field can be linked to the document. The [BacoDiscussionFixedTypes.Re_Status] field can store one of the following values:

Value	Description
A	Active = (Humres.emp_stat='A')
H	Active and hired= (Humres.emp_stat IN ('H','A')")
NULL	Re_Status is not used

Re_Type - Resource Type

The [BacoDiscussionFixedTypes.Re_Type] field stores the resource types that can be selected if the resource field can be linked to the document. The [BacoDiscussionFixedTypes.Re_Type] field refers to the [Humres.Emp_Type] field.
The [BacoDiscussionFixedTypes.Re_Type] field can store one of the following values:

Value	Description
A	Applicant
C	Contractor
E	Employee
R	Reseller
S	Student
T	Temporary

Re_Use - Resource use

The [BacoDiscussionFixedTypes.Re_Use] field indicates if a resource can be linked to a document of this type.
The [BacoDiscussionFixedTypes.Re_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

Sec_Ap_Use - Security approval use

The [BacoDiscussionFixedTypes.Sec_Ap_Use] field indicates if documents of this type need secure approval. The value "1" indicates that the document needs secure approval. The value "0" indicates that the document does not need secure approval.
Note! The [BacoDiscussionFixedTypes.Sec_Ap_Use] field can only be filled when the setting "FDASecurity" is set to on.

ShipmentMethod_Use - Use shipment method
The [BacoDiscussionFixedTypes.ShipmentMethod_Use] field indicates if a shipment method can be linked to a document of this type. The [BacoDiscussionFixedTypes.ShipmentMethod_Use] field can store one of the following values:

Value	Description
0	Not allowed
1	Allowed
2	Mandatory

ShowEditRightsInfo - Show edit rights information
The [BacoDiscussionFixedTypes.ShowEditRightsInfo] field stores the viewing and editing details for the document of this type.

SystemType - System type
The [BacoDiscussionFixedTypes.SystemType] field indicates that the document type is a system type. If the type is a system type, specific functionality is using this type and therefore it can not be deleted. System type document types are created when the software is installed. The value "1" indicates that the document type is a system type group. The value "0" indicates that the document type is not a system type group.

TemplateID - Template ID
The [BacoDiscussionFixedTypes.TemplateID] field stores the ID of the document that is used as a template when a document of this type is displayed. The [BacoDiscussionFixedTypes.TemplateID] field refers to the [BacoDiscussions.ID] field.

TypeID - Type ID
The [BacoDiscussionFixedTypes.TypeID] field stores the ID of the document type.
The [BacoDiscussionFixedTypes.TypeID] field is used when a reference to the [BacoDiscussionFixedTypes] table is needed.

UseCompany - Use company
The [BacoDiscussionFixedTypes.UseCompany] field is migrated from the [BacoDiscussionGroups] table to store the value as to whether the company requires the created document of this type.

UseLanguageID - Use language ID
The [BacoDiscussionFixedTypes.UseLanguageID] field stores the ID of the language used in the document of this type. The [BacoDiscussionFixedTypes.UseLanguageID] can store one of the following values:

Value	Description
0	No (Not used)
1	Yes (Optional)
2	Yes (Mandatory)

UseOwner - Use owner
The [BacoDiscussionFixedTypes.UseOwner] field Indicates if it is possible to assign an owner to a document of this type. The value "1" indicates that an owner can be assigned. The value "0" indicates an owner cannot be assigned.

UsePublish - Use publish
The [BacoDiscussionFixedTypes.UsePublish] field indicates if it is possible to select the publication level for a document of this type. The value "1" indicates that publication level selection is possible. The value "0" indicates publication level selection is not possible.

UseRating - Use rating
The [BacoDiscussionFixedTypes.UseRating] field indicates if it is possible to rate the documents of this type. The value "1" indicates that rating is enabled. The value "0" indicates that rating is disabled.

UseReports - Use reports
The [BacoDiscussionFixedTypes.UseReports] field is migrated from the [BacoDiscussionGroups] table to support the Exact Business Analytics functionality.

UseStatistics - Use statistics
The [BacoDiscussionFixedTypes.UseStatistics] field indicates if the documents of this type should be included in the statistics. The value "1" indicates that the type is used in statistics. The value "0" indicates that the type is not used in statistics.

UseVote - Use vote
The [BacoDiscussionFixedTypes.UseVote] field indicates whether users can vote for documents of this type. The value "1" indicates that users are allowed to vote for documents of this type and "0" indicates that users are not allowed to vote for documents of this type.

VersionType - Version type
The [BacoDiscussionFixedTypes.VersionType] field stores the way the version number is composed.
The [BacoDiscussionFixedTypes.VersionType] field can store one of the following values:

Value	Description
N	no versions
S	1, 2, 3,...
U	User defined

Note: The [BacoDiscussionFixedTypes.VersionType] does not only indicate how the version number is composed, this field also indicated that no versions are used when the value is N.

ViewRightsOwner - View rights owner
The [BacoDiscussionFixedTypes.ViewRightsOwner] field stores the ID of the document owner who has viewing rights to all the documents of this type. This value can be overwritten by the view right owner defined in the individual document of this type. This setting is only used in the Standard document structure.

ViewRightsType - View rights type
The [BacoDiscussionFixedTypes.ViewRightsType] field stores the type of rights that allow users to view the document of this type.

ViewRightsTypeValue - View rights type owner
The [BacoDiscussionFixedTypes.ViewRightsTypeValue] field stores the value defined for the viewing document of this type. This value will be the default value for documents created for this document type but this default value can be overwritten under the individual document level.
Note: This field is only used in the Standard document structure.

ViewRightTypeRoleLevel - View right type role level
The [BacoDiscussionFixedTypes.ViewRightTypeRoleLevel] field stores the role level of the user who have rights to view the document of this type.

ViewRightTypeRoleRefPoint - View rights type role reference point
The [BacoDiscussionFixedTypes.ViewRightTypeRoleRefPoint] field indicates the division that will do the document security checking for document viewing rights. The [BacoDiscussionFixedTypes.ViewRightTypeRoleRefPoint] field can store one of the following values:

Value	Description
A	Document Account's division
C	Document Creator's division
I	Document Item's division
P	Document Project's division
R	Document Resource's division
S	Document Serial number's division

Note: This field is only used in the Standard document structure.

Warehouse_Use - Use warehouse
The [BacoDiscussionFixedTypes.Warehouse_Use] field is not used anymore.

Chapter 5 | Document Images

5. Document Images

In order to make images available for all resources they are stored in the database.
Two kinds of images are stored:

- Document images: these are the images that were inserted into a document.
- Standard pictures: these are images that can be used to customize the Exact Synergy Enterprise interface.

5.1 BacoDiscussionPictures - Document Images

5.1.1 General Description

The [BacodiscussionPictures] table stores the images that are inserted in a document. The images are stored as binary code.

5.1.2 BacoDiscussionPictures field details

CreatedDate - Date created
The [BacoDiscussionPictures.CreatedDate] field stores the date and time that the document images has been created.

Division - Division
The [BacoDiscussionPictures.Division] field is not used yet. It is added for future functionality.

FileName - File name
The [BacoDiscussionPictures.FileName] field stores the original filename of the image that is stored in the document images.

ID - ID
The [BacoDiscussionPictures.ID] field stores the unique ID of the document images. The [BacoDiscussionPictures.ID] field is the reference field for all tables that need a link to the [BacoDiscussionPictures] table.

Picture - Picture
The [BacoDiscussionPictures.Picture] field stores the image in a binary format.

5.2 BacoDiscussionStdPictures - Standard Pictures

5.2.1 General Description

The [BacoDiscussionStdPictures] table is used to store standard pictures that can be used by the system. The field [BacoDiscussionStdPictures.Type] determines what the function of the standard picture is. A standard picture can be one of the following types:

Type	Function
Document	Can be used in document layouts.
Button	Can be used as button image in websites.
Background	Can be used as the Background Picture, Top Picture, and Bottom Picture on the Left-hand Frame, and as the Background Picture of the Header Frame.
Logo	Can be used as the Logo image on the Left-hand Frame.

5.2.2 BacoDiscussionStdPictures field details

Description - Description
The [BacoDiscussionStdPictures.Description] field stores the description of the standard picture.

Division - Division
The [BacoDiscussionStdPictures.Division] field stores the division code of the user's division. The [BacoDiscussionStdPictures.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

FileName - File name
The [BacoDiscussionStdPictures.FileName] field stores the original filename of the image that is stored in the standard pictures.

Height - Height
The [BacoDiscussionStdPictures.Height] field stores the height of the image in Pixels.

ID - ID
The [BacoDiscussionStdPictures.ID] field stores the unique ID of the standard pictures. The [BacoDiscussionStdPictures.ID] field is the reference field for all tables that need a link to the [BacoDiscussionStdPictures] table.

Picture - Picture
The [BacoDiscussionStdPictures.Picture] field stores the image in a binary format.

Size - Size
The [BacoDiscussionStdPictures.Size] field stores the size of the image in Bytes.

Type - Type
The [BacoDiscussionStdPictures.Type] field stores the picture type. The [BacoDiscussionStdPictures.Type] field can store one of the following values:

Value	Description
DOC	Document
BUTTON	Button
BKGRND	Background
LOGO	Logo

Width - Width
The [BacoDiscussionStdPictures.Width] field stores the width of the image in Pixels.

5.3 BDPictureRefs - Document Image References

5.3.1 General Description

The [BDPictureRefs] stores the reference link between a document and a picture.

5.3.2 BDPictureRefs field details

AttachmentID - Attachment ID
The [BDPictureRefs.AttachmentID] field stores the ID of the attachment that is inserted in the document.

Division - Division
The [BDPictureRefs.Division] field is not used yet. It is added for future functionality.

DocID - Document ID
The [BDPictureRef.DocID] field stores the ID of the document the picture is inserted in.
The [BDPictureRef.DocID] field refers to the [BacoDiscussions.ID] field.

PictureID - Picture ID
The [BDPictureRef.PictureID] field stores the ID of the image that is inserted in the document. The [BDPictureRef.PictureID] field refers to the [BacoDiscussionPictures.ID] field.

Version – Version
The [BDPictureRefs.Version] field stores the version number that indicates the document where the picture belongs.

Chapter 6 | Layouts

6. Layouts

6.1 BacoDiscussionNewsLayouts - BacoDiscussionNewsLayouts

6.1.1 General Description

The [BacoDiscussionNewsLayouts] table stores the information of layouts, which are frontpage and list layouts in Exact Synergy Enterprise.

Frontpage layout determines the contents of the layout of a frontpage. Users can choose to use the default layout or design the entire layout in a document and link the document to the frontpage layout. To be able to create a frontpage layout, a role with function right '255' is required for corporate frontpage layout and a role with function right '282' is required for division frontpage layout.

List layout helps to provide general public access to a list of documents. In the advance mode of the layout creation, users can define criteria to filter documents that present in the list. To be able to create list layout, a role with function right '282' is required.

6.1.2 BacoDiscussionNewsLayouts field details

BDLayoutID - Code
The [BacoDiscussionNewsLayouts.BDLayoutID] field stores the code of the layout.

Bedrnr - Division
The [BacoDiscussionNewsLayouts.Bedrnr] field stores the division code of the division for which the layout is linked to.
The [BacoDiscussionNewsLayouts.Bedrnr] field refers to the [Bedryf.Bedrnr] field. When a layout is linked to a division, only resources linked to the particular division able to use the specific layout.
Note! The [BacoDiscussionNewsLayouts.Bedrnr] field is enabled for the frontpage layout.

Condition - Criteria
The [BacoDiscussionNewsLayouts.Condition] field stores the user-defined criteria to determine which documents to be displayed for the layout.
The criteria may be taken from the document properties itself (i.e. using the [BacoDiscussions] table) or the document category properties (i.e. using the [BacoDiscussionGroups] table). If the property is taken from the document, the text **bd** must be prefixed to the property. If the property is taken from the document category, the text **bg** must be prefixed to the property. This user-defined criterion is expressed in the form of a SQL statement. Examples:

Type	Function
bd.JobLevel < 2 AND bd.Company IN ('063', '065')	This layout displays only documents where the security level lower is than 2 and documents in division 063 and/or 065.
bg.UseProjectNr = 2	This layout displays only documents that are in categories where project number is mandatory.

Note! The [BacoDiscussionNewsLayouts.Condition field is enabled for both frontpage and list layout. As for list layout, the [BacoDiscussionNewsLayouts.Condition field is only enabled when 'Advanced' mode is selected.

ConditionDivision - Condition division
The [BacoDiscussionNewsLayouts.ConditionDivision] field is not used.

ConditionJobLevelOperator - Condition job level operator
The [BacoDiscussionNewsLayouts.ConditionJobLevelOperator] field is not used.

ConditionJobLevelValue - Condition job level value
The [BacoDiscussionNewsLayouts.ConditionJobLevelValue] field is not used.

ConditionLanguage - Condition language
The [BacoDiscussionNewsLayouts.ConditionLanguage] field is not used.

DefaultImage - Default image
The [BacoDiscussionNewsLayouts.DefaultImage] field is not used.

Description - Description
The [BacoDiscussionNewsLayouts.Description] field stores the description of the layout.

Division - Division
The [BacoDiscussionNewsLayouts.Division] field stores the division code of the user's division.
The [BacoDiscussionNewsLayouts.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for the future functionality.

EditorialDocID - Editorial
The [BacoDiscussionNewsLayouts.EditorialDocID] field stores the document ID linked to the editorial section on the layout. The [BacoDiscussionNewsLayouts.EditorialDocID] field refers to the [BacoDiscussions.ID] field.
Note! The [BacoDiscussionNewsLayouts.EditorialDocID] field is enabled for frontpage layout.

Enabled - Active
The [BacoDiscussionNewsLayouts.Enabled] field stores the status of the layout. The value "1" indicates that the layout is active. The value "0" indicates that the layout cannot be used.
Note! The [BacoDiscussionNewsLayouts.Enabled] field is enabled for frontpage layout.

FooterDocID - Footer
The [BacoDiscussionNewsLayouts.FooterDocID] field stores the document ID, which contains the style sheet definition, linked to the footer section on the layout. The [BacoDiscussionNewsLayouts.FooterDocID] field refers to the [BacoDiscussions.ID] field.
Note! The [BacoDiscussionNewsLayouts.FooterDocID] field is enabled for frontpage layout. The value is stored when the user chose to link a document to the footer section on the layout. If the user chose to customize the footer section on the layout, the value will be stored in the [BacoDiscussionNewsLayouts.TextHeader] field.

FooterPage - Footer page
The [BacoDiscussionNewsLayouts.FooterPage] field is not used.

HeaderDocID - Header
The [BacoDiscussionNewsLayouts.HeaderDocID] field stores the document ID, which contains the style sheet definition, linked to the header section on the layout. The [BacoDiscussionNewsLayouts.HeaderDocID] field refers to the [BacoDiscussions.ID] field.
Note! The [BacoDiscussionNewsLayouts.HeaderDocID] field is enable for both frontpage and list layout. In frontpage layout, the value is stored when the user chose to link a document to the header section on the layout. If the user chose to customize the header section on the layout, the value will be stored in the [BacoDiscussionNewsLayouts.TextHeader] field.

HeaderPage - Header page
The [BacoDiscussionNewsLayouts.HeaderPage] field is not used.

HeadlineImage - Headline image
The [BacoDiscussionNewsLayouts.HeadlineImage] field indicates if the headline image should be on/off on the frontpage layout. By default, this value is 0 (off).
Note! The [BacoDiscussionNewsLayouts.HeadlineImage] field is only applicable for frontpage layout in Exact Synergy Enterprise.

Headlines - Headlines
The [BacoDiscussionNewsLayouts.Headlines] field indicates if headlines are visible on the frontpage layout. The value "1" indicates that the headlines are visible. The value "0" indicates that the headlines are invisible.
Note! The [BacoDiscussionNewsLayouts.Headlines] field is enabled for frontpage layout.

HLBackGround - HLBackGround
The [BacoDiscussionNewsLayouts.HLBackGround] field is not used.

ImageDefault - Picture
The [BacoDiscussionNewsLayouts.ImageDefault] field stores the ID of the default picture of the news item on the frontpage layout. The [BacoDiscussionNewsLayouts.ImageDefault] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [BacoDiscussionNewsLayouts.ImageDefault] field is enabled for frontpage layout.

ImageHLBackground - Background
The [BacoDiscussionNewsLayouts.ImageHLBackground] field stores the ID of the background picture at the headlines section. The [BacoDiscussionNewsLayouts.ImageHLBackground] field refers to the [BacoDiscussionStdPictures.ID].
Note! The [BacoDiscussionNewsLayouts.ImageHLBackground] field is enabled for frontpage layout.

LayoutType - Layout type
The [BacoDiscussionNewsLayouts.LayoutType] field stores the type of the layout. The [BacoDiscussionNewsLayouts.LayoutType] field can store one of the following values:

Value	Description
0	Frontpage
1	List

MaxHeadlines - Page size
The [BacoDiscussionNewsLayouts.MaxHeadlines] field stores the maximum number of news items, which will be displayed in the headlines section at right on the frontpage layout per page.
Note! The [BacoDiscussionNewsLayouts.MaxHeadlines] field is enabled for frontpage layout.

MaxNews - Page size
The [BacoDiscussionNewsLayouts.MaxNews] field stores the maximum number of news items, which will be displayed on the layout per page.

OrCountryUse - Include: News (Country)
The [BacoDiscussionNewsLayouts.OrCountryUse] field indicates if news from the country should be added to the frontpage. The value “1” indicates that the news should be added. The value “0” indicates that the news should not be added.
Note! The [BacoDiscussionNewsLayouts.OrCountryUse] field is enabled for frontpage layout.

OrDivisionGroupUse - Include: News (Group)
The [BacoDiscussionNewsLayouts.OrDivisionGroupUse] field indicates if news from the group should be added to the frontpage. The value “1” indicates that the news should be added. The value “0” indicates that the news should not be added.
Note! The [BacoDiscussionNewsLayouts.OrDivisionGroupUse] field is enabled for frontpage layout.

OrDivisionUse - Include: News (Division)
The [BacoDiscussionNewsLayouts.OrDivisionGroupUse] field indicates if news from the division should be added to the frontpage. The value “1” indicates that the news should be added. The value “0” indicates that the news should not be added.
Note! The [BacoDiscussionNewsLayouts.OrDivisionGroupUse] field is enabled for frontpage layout.

TextFooter - Footer
The [BacoDiscussionNewsLayouts.TextFooter] field stores the style sheet definition of the footer section on the layout when it is added directly into the frontpage definition.
Note! The [BacoDiscussionNewsLayouts.TextFooter] field is enabled for frontpage layout. The value is stored when the user chose to customize the footer section on the layout. If the user chose to customize the footer section on the layout, the value will be stored in the [BacoDiscussionNewsLayouts.FooterDocID] field.

TextHeader - Header
The [BacoDiscussionNewsLayouts.TextHeader] field stores the style sheet definition of the header section on the layout when it is added directly into the frontpage definition.
Note! The [BacoDiscussionNewsLayouts.TextHeader] field is enabled for frontpage layout. The value is stored when the user chose to customize the header section on the layout. If the user chose to customize the header section on the layout, the value will be stored in the [BacoDiscussionNewsLayouts.HeaderDocID] field.

UseSelectionCombo - List : Frontpages
The [BacoDiscussionNewsLayouts.UseSelectionCombo] field indicates if a selection box will be available on the frontpage, which allow users to select other frontpages. The value “1” indicates that the selection box will be available. The value “0” indicates that the selection box will not be available.
Note! The [BacoDiscussionNewsLayouts.UseSelectionCombo] field is enabled for frontpage layout.

6.2 BacoDiscussionLayoutLanguage - BacoDiscussionLayoutLanguage

6.2.1 General Description

The [BacoDiscussionLayoutLanguage] table stores the languages linked to the list layouts. The defined list layouts are stored in the [BacoDiscussionNewsLayouts] table.
Note! The [BacoDiscussionLayoutLanguage] table is only used in Exact Synergy Enterprise.

6.2.2 BacoDiscussionLayoutLanguage field details

BDLayoutID - Code
The [BacoDiscussionLayoutLanguage.BDLayoutID] field stores the code of the list layout.
The [BacoDiscussionLayoutLanguage.BDLayoutID] field refers to the [BacoDiscussionNewsLayouts.BDLayoutID] field.

Division - Division
The [BacoDiscussionLayoutLanguage.Division] field is not used yet. It is added for future functionality.

ID - ID
The [BacoDiscussionLayoutLanguage.ID] field stores the system generated database record identification number. This field is not functionally used.

Taalcode - Code
The [BacoDiscussionLayoutLanguage.Taalcode] stores the code of the language linked to the list layout.
The [BacoDiscussionLayoutLanguage.Taalcode] field refers to the [Taal.Taalcode] field.

6.3 ResellerNews - ResellerNews

6.3.1 General Description

The [ResellerNews] table stores the links made between the frontpage layout, the division and the type of visitors in order to determine which frontpage layout to present to the visitors.
To register a link, a role with function right '257' is required.
Note! The [ResellerNews] table is only used in Exact Synergy Enterprise.

6.3.2 ResellerNews field details

Administration - Division
The [ResellerNews.Administration] field stores the division code of the division for which the frontpage layout is linked to. The [ResellerNews.Administration] field refers to the [Bedryf.Bedrnr] field.

BDLayoutID - Layout
The [ResellerNews.BDLayoutID] field stores the code of the frontpage layout. The [ResellerNews.BDLayoutID] field refers to the [BacoDiscussionNewsLayout.BDLayoutID] field.

Division - Division
The [ResellerNews.Division] field stores the division code of the user's division. The [ResellerNews.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

ID - ID
The [ResellerNews.ID] field stores the system generated database record identification number. This field is not functionally used.

Type - Relation
The [ResellerNews.Type] field stores the type of visitors. The [ResellerNews.Type] field can store one of the following values:'

Value	Description
0	Reseller
1	Customer
2	Supplier

Chapter 7 | Web sites maintenance

7. Web sites maintenance

7.1 WebStyle - WebStyle

7.1.1 General Description

The [WebStyle] table stores web sites configured in Exact Synergy Enterprise. Users can create four types of web sites. Each type of web site has different routing and search options. The configurations of the general settings and layout, content frame, left frame, header frame, and banner for the web site will be stored in this table. The four types of web sites are:

Type	Description
Standard	A standard web site meant for public access. The target user is routed to a specific web site based on the domain name of the web site. If the web site is configured for authenticated users, the routing is based on the division of the user and the domain is used for authentication purpose.
Reseller Portal	A web site meant for registered resellers. The reseller will be routed to a specific web site based on division, classification, and sector. This should be an authenticated web site.
Customer Portal	A web site meant for registered customers. The customer will be routed to a specific web site based on division, classification, and sector. This should be an authenticated web site.
Supplier Portal	A web site with extra functionalities meant for suppliers. Routing is based on the division your supplier is attached to. This should be an authenticated web site.

Active web sites are available for the intended users based on web site routing criteria. Users can maintain inactive web sites but these web sites will not be available to any user. The first active web site is the oldest created web site that is active. This will be the default web site presented to web users if the routing process cannot match that user to any configured an d active web site in the web site list.

To be able to save or delete the web site configuration, a role with function right ‘268’, Websites is required. To create a new web site at the web site maintenance page, a role with function right ‘276’, Web admin, corporate is required. Users with role 51, Web administrator have all the required rights to create and edit web sites.

7.1.2 WebStyle field details

ActiveDate - Active date
The [WebStyle.ActiveDate] field stores the date the web site is activated.

ASPLeftFrame - ASP
The [WebStyle.ASPLeftFrame] field stores the ASP file name to use as the left hand frame of the web site.
Note! The [WebStyle.ASPLeftFrame] field is enabled when the [WebStyle.SetupLeftFrame] field = '2'.

ASPTopFrame - ASP
The [WebStyle.ASPTopFrame] field stores the ASP file name to use as the header frame of the web site.
Note! The [WebStyle.ASPTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '2'.

Bedrnr - Division
The [WebStyle.Bedrnr] field stores the division code of the division for which the web site is linked to. The [WebStyle.Bedrnr] field refers to the [Bedryf.Bedrnr] field. If no value is stored in this field, the web site is a corporate level web site and is not linked to any division.

BGColourBanner - Background
The [WebStyle.BGColourBanner] field stores the background color of the banner of the web site. The color is stored as a decimal RGB value.

BGColourTopFrame - Background : Color
The [WebStyle.BGColourTopFrame] field stores the background color of the header frame of the web site. The color is stored as a decimal RGB value.
Note! The [WebStyle.BGColourTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '0'.

BGImage - Background : Background Picture
The [WebStyle.BGImage] field stores the picture ID of type 'Background' to use as tiled background graphic to fill the left hand frame of the web site. The [WebStyle.BGImage] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.BGImage] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

BGImageBottom - Background : Bottom Picture
The [WebStyle.BGImageBottom] field stores the picture ID of type 'Background' to use as graphic at the bottom of the left hand frame of the web site. The [WebStyle.BGImageBottom] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.BGImageBottom] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

BGImageTop - Background : Top Picture
The [WebStyle.BGImageTop] field stores the picture ID of type 'Background' to use as graphic at the top of the left hand frame, but below the logo of the web site. The [WebStyle.BGImageTop] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.BGImageTop] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

BGImageTopFrame - Background : Picture
The [WebStyle.BGImageTopFrame] field stores the picture ID of type 'Background' to use as background picture for the header frame of the web site. The [WebStyle.BGImageTopFrame] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.BGImageTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '0'.

Classification - Classification
The [WebStyle.Classification] field stores the ID of the classification the web site is linked to. The [WebStyle.Classification] field refers to the [Classifications.ClassificationID] field.
Note! The [WebStyle.Classification] field is enabled when the [WebStyle.WSType] field = ['1', '2'].

Division - Division
The [WebStyle.Division] field stores the division code of the user's division. The [WebStyle.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for future functionality.

DomainName - Domain
The [WebStyle.DomainName] field stores the domain names of the web site. There can be single or multiple domain names. Multiple domain names are separated with semicolons (;).
Note! The [WebStyle.DomainName] field is enabled when the [WebStyle.WSType] field = '0'.

FrontPage - Document / Layout / Frontpage
The [WebStyle.FrontPage] field can store one of the following values:

[WebStyle.FrontPage]	Note
The [WebStyle.FrontPage] field stores the document ID linked as the content of the web site. The document ID is retrieved from the [BacoDiscussions.HID] field and the value is stored in the '00.000.00' format.	The 'Document' field is enabled when the [WebStyle.FrontPageType] field = '0'.
The [WebStyle.FrontPage] field stores the code of the layout linked as the content of the web site. The [WebStyle.FrontPage] field refers to the [BacoDiscussionNewsLayouts.BDLayoutID] field.	The 'Layout' field is enabled when the [WebStyle.FrontPageType] field = '1'.
The [WebStyle.FrontPage] field stores the URL of the first page of the web site. The URL can be any web resource on the World Wide Web.	The 'Frontpage' field is enabled when the [WebStyle.FrontPageType] field = '2'.

FrontPageType - Type
The [WebStyle.FrontPageType] field stores the type of content of the web site. The [WebStyle.FrontPageType] field can store one of the following values:

Value	Description
0	Document
1	Layout
2	URL

HeightTopFrame - Height (Pixels)
The [WebStyle.HeightTopFrame] field stores the height of the header frame of the web site in pixels.

HTMLText - Text
The [WebStyle.HTMLText] field stores the text to be displayed at the banner of the web site.

HTMLTextLeftFrame - HTML
The [WebStyle.HTMLTextLeftFrame] field stores the content of the HTML file to use as the left hand frame of the web site.
Note! The [WebStyle.HTMLTextLeftFrame] field is enabled when the [WebStyle.SetupLeftFrame] field = '1'.

HTMLTextTopFrame - HTML
The [WebStyle.HTMLTextTopFrame] field stores the HTML content to use as the header frame of the web site.
Note! The [WebStyle.HTMLTextTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '1'.

ID - ID
The [WebStyle.ID] field stores the system generated database record identification number. This field is not functionally used.

IsActiveDate - Active date
The [WebStyle.IsActiveDate] field is not used.

IsByHandLeftFrame - Left frame
The [WebStyle.IsByHandLeftFrame] field is not used.

IsByHandTopFrame - Top frame
The [WebStyle.IsByHandTopFrame] field is not used.

IsEnabled - Active
The [WebStyle.IsEnabled] field stores the status of the web site. The value '1' indicates the web site is active. The value '0' indicates that the web site is inactive. Inactive web sites are maintained but unavailable to web users.

IsHideBanner - Hide
The [WebStyle.IsHideBanner] field indicates if to hide or show the banner of the web site. The value '1' indicates to hide the banner. The value '0' indicates to show the banner.

IsMarqueeBanner - Marquee
The [WebStyle.IsMarqueeBanner] field indicates if the banner of the web site is marquee or static. The value '1' indicates that the banner is marquee. The value '0' indicates that the banner is static.

ItemSearchType - Items search type
The [WebStyle.ItemSearchType] field stores the type of the item search in the left-hand frame. The [WebStyle.ItemSearchType] field can store one of the following values:

Value	Description
1	Simple
2	Catalog

Note! The [WebStyle.ItemSearchType] field is enabled when the [WebStyle.SearchItems] field = '1' and the [WebStyle.SetupLeftFrame] field = 'o'.

LeftFontFace - Left font face
The [WebStyle.LeftFontFace] field stores the font to use in the left hand frame of the web site.

LeftFontSize - Left font size
The [WebStyle.LeftFontSize] field stores the font size to use in the left hand frame of the web site.

LeftFrameDocID - Document
The [WebStyle.LeftFrameDocID] field stores the document ID to use as the left hand frame of the web site. The [WebStyle.LeftFrameDocID] field refers to the [BacoDiscussions.ID] field.
Note! The [WebStyle.LeftFrameDocID] field is enabled when the [WebStyle.SetupLeftFrame] field = '3'.

Logo - Picture
The [WebStyle.Logo] field stores the picture ID of type 'Logo' to use as logo at the top of the left hand frame of the web site. The [WebStyle.Logo] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.Logo] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

MarqueeSpeedBanner - Speed
The [WebStyle.MarqueeSpeedBanner] field stores the marquee speed of the banner of the web site. The possible speed is from 1 to 5.
Note! The [WebStyle.MarqueeSpeedBanner] field's value has no meaning if either the [WebStyle.IsHideBanner] field = '1' or the [WebStyle.IsMarqueeBanner] field = '0'.

MetatagKeyword - Meta keyword
The [WebStyle.MetatagKeyword] field stores the keywords of the web site. There can be single or multiple keywords. Multiple keywords are separated with commas (,).

RBGImage - Tab : Right Picture
The [WebStyle.RBGImage] field stores the picture ID of type 'Background' to use as graphic on the right side of the header frame and at the top of the Tab menu. The [WebStyle.RBGImage] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.RBGImage] field is enabled when the [WebStyle.SetupTopFrame] field = '4'.

SearchAccounts - Search : Accounts
The [WebStyle.SearchAccounts] field indicates if a search box for Accounts will be available in the left hand frame of the web site. The value '1' indicates that the search box will be available. The value '0' indicates that the search box will not be available.
Note! The [WebStyle.SearchAccounts] field is enabled when the [WebStyle.SetupLeftFrame] field = '0' and the [WebStyle.WSType] field = ['1', '3'].

SearchDocuments - Search documents
The [WebStyle.SearchDocuments] field is not used.

SearchItems - Search : Items
The [WebStyle.SearchItems] field indicates if a search box for Items will be available in the left hand frame of the web site. The value '1' indicates that the search box will be available. The value '0' indicates that the search box will not be available.
Note! The [WebStyle.SearchItems] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.
For the first time the Items search is indicated, user must select the type of item search, either Simple or Catalog, which will be stored in the [WebStyle.ItemSearchType] field. If the type of the item search is left blank, the Items search box will not function correctly.

SearchProject - Search : Projects
The [WebStyle.SearchProjects] field indicates if a search box for Projects will be available in the left hand frame of the web site.
Note! The [WebStyle.SearchProjects] field is enabled when the [WebStyle.SetupLeftFrame] field = '0' and the [WebStyle.WSType] field ‹› '0'.

SearchRequest - Search : Requests
The [WebStyle.SearchRequests] field indicates if a search box for Requests will be available in the left hand frame of the web site.
Note! The [WebStyle.SearchRequests] field is enabled when the [WebStyle.SetupLeftFrame] field = '0' and the [WebStyle.WSType] field ‹› '0'.

Sector - Sector
The [WebStyle.Sector] field stores the ID of the sector the web site is linked to.
The [WebStyle.Sector] field refers to the [Cisect.Sct_code] field.
Note! The [WebStyle.Sector] field is enabled when the [WebStyle.WSType] field = ['1', '2'].

SetupLeftFrame - Use
The [WebStyle.SetupLeftFrame] field stores the type of content to use as the left hand frame of the web site.
The [WebStyle.SetupLeftFrame] field can store one of the following values:

Value	Description
0	Default
1	HTML
2	ASP
3	Document

SetupTopFrame - Use
The [WebStyle.SetupTopFrame] field stores the type of content to use as the header frame of the web site.
The [WebStyle.SetupTopFrame] field can store one of the following values:

Value	Description
0	Default
1	HTML
2	ASP
3	Document
4	Tab

SiteBGColour - Background : Color
The [WebStyle.SiteBGColour] field stores the background color of the left hand frame of the web site. The color is stored as a decimal RGB value.
Note! The [WebStyle.SiteBGColour] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

SiteComboBox - List : Frontpages
The [WebStyle.SiteComboBox] field indicates if a dropdown list that lists main news frontpages will be available in the left hand frame of the web site. The value '1' indicates that the dropdown list will be available. The value '0' indicates that the dropdown list will not be available.
Note! The [WebStyle.SiteComboBox] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

SiteDocSearch - Search : Document
The [WebStyle.SiteDocSearch] field indicates if a search box for Documents will be available in the left hand frame of the web site. The value '1' indicates that the search box will be available. The value '0' indicates that the search box will not be available.
Note! The [WebStyle.SiteDocSearch] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

SiteLanguage - Language
The [WebStyle.SiteLanguage] field stores the language of the web site.

SiteLayout - Layout
The [WebStyle.SiteLayout] field stores the frame layout of the web site. The [WebStyle.SiteLayout] field can store one of the following values: A, B, C, or D.

SiteName - Web site
The [WebStyle.SiteName] field stores the name of the web site. The web site name will be become the title in user's browser.

SiteTextColour - Text style
The [WebStyle.SiteTextColour] field stores the color of general text in the left hand frame of the web site. The color is stored as a decimal RGB value.
Note! The [WebStyle.SiteTextColour] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

TabColorTopFrame - Top frame tab color
The [WebStyle.TabColorTopFrame] field is not used.

TBGColourTopFrame - Tab : Color
The [WebStyle.TBGColourTopFrame] field stores the background color of the Tab menu in the header frame of the web site. The color is stored as a decimal RGB value.
Note! The [WebStyle.TBGColourTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '4'.

TBGImageTopFrame - Tab : Left Picture
The [WebStyle.TBGImageTopFrame] field stores the picture ID of type 'Background' to use as graphic on the left side of the header frame and at the top of the Tab menu. The [WebStyle.TBGImageTopFrame] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebStyle.TBGImageTopFrame] field is enabled when the [WebStyle.SetupTopFrame] field = '4'.

TextAlignment - Text style Align
The [WebStyle.TextAlignment] field stores the alignment of general text in the left hand frame of the web site.
Note! The [WebStyle.TextAlignment] field is enabled when the [WebStyle.SetupLeftFrame] field = '0'.

TextColourBanner - Color
The [WebStyle.TextColourBanner] field stores the banner color of the web site. The color is stored as a decimal RGB value.

TopFrameDocID - Document
The [WebStyle.TopFrameDocID] field stores the document ID to use as the header frame. The [WebStyle.TopFrameDocID] field refers to the [BacoDiscussions.ID] field.
Note! The [WebStyle.TopFrameDocID] field is enabled when the [WebStyle.SetupTopFrame] field = '3'.

WidthLeftFrame - Width (Pixels)
The [WebStyle.WidthLeftFrame] field stores the width of the left hand frame of the web site in pixels.

WSType - Type
The [WebStyle.WSType] field stores the type of the web site. The [WebStyle.WSType] field can store one of the following values:

Value	Description
0	Standard
1	Reseller
2	Customer
3	Supplier

7.2 WebContent - WebContent

7.2.1 General Description

The [WebContent] table stores the configuration of the header and left hand menu items in the web sites. The configurations of the web sites are stored in the [WebStyle] table.

The link between WebContent and WebStyle

Records in the [WebContent] table and the [WebStyle] table are linked to each other when the following fields are equal to each other:

WebContent	WebStyle
WebStyleID	ID

Users will only have access to the configuration page of the left hand menu items if the [WebStyle.SetupLeftFrame] field = '0'.

Users will only have access to the configuration page of the header menu items if the [WebStyle.SetupTopFrame] field = ['0', '4'].

To be able to view, create, edit and delete menu items, function right '268', Websites is required. Users with role '51', Web administrator have the required rights to configure the menu items as well.

7.2.2 WebContent field details

ContentImage - Button Image / Tab Image
The [WebContent.ContentImage] field stores the picture ID of type 'Button' to use as the graphic of the menu item. This picture will be a background to the text of the menu item. The [WebContent.ContentImage] field refers to the [BacoDiscussionStdPictures.ID] field.
Note!

- The 'Buttom Image' field is only enabled for left hand menu item.
- The 'Tab Image' field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

Division - Division
The [WebContent .Division] field stores the division code of the user's division. The [WebContent.Division] field stores the numeric value of the [Bedryf.Bedrnr] field. This field is not used yet. It is added for the future functionality.

HTMLText - HTML text
The [WebContent.HTMLText] field is not used.

ID - ID
The [WebContent.ID] field stores the system generated database record identification number. This field is not functionally used.

LeftLinkColor - Text Color
The [WebContent.LeftLinkColor] field stores the color of the text of the menu item. The color is stored as a decimal RGB value.
Note! The [WebContent.LeftLinkColor] field is only enabled for left hand menu item.

LinkAlignment - Text Align
The [WebContent.LinkAlignment] field stores the alignment of the text of the menu item. The possible values are Left, Right, or Center.
Note! The [WebContent.LinkAlignment] field is only enabled for left hand menu item.

LinkFontFace - Text style
The [WebContent.LinkFontFace] field stores the font of the text of the menu item. The possible values are Arial, Verdana, Geneva, Times or Tahoma.
Note! The [WebContent.LinkFontFace] field is only enabled for left hand menu item.

LinkFontSize - Text size
The [WebContent.LinkFontSize] field stores the font size of the text of the menu item. The [WebContent.LinkFontSize] field can store one of the following values:

Value (Relative HTML font size stored in this field)	Description (Point-based font size for user selection)
1	10
2	12
3	14

Note! The [WebContent.LinkFontSize] field is only enabled for left hand menu item.

OrderNr - Sort order
The [WebContent.OrderNr] field stores the ordering of the menu item.

SelectButtonImage - Selected Button Image
The [WebContent.SelectButtonImage] field stores the picture ID of type 'Button' to use as the button graphic of the menu item. This picture will be a background to the text of the menu item after user clicks it. The [WebContent.ContentImage] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebContent.SelectButtonImage] field is only enabled for left hand menu item.

TabColor - Tab Color
The [WebContent.TabColor] field stores the color of the menu item. The color is stored as a decimal RGB value.
Note! The [WebContent.TabColor] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

TabImage - Selected Tab Image
The [WebContent.TabImage] field stores the picture ID of type 'Button' to use as the tab graphic of the menu item. This picture will be a background to the text of the menu item. The [WebContent.TabImage] field refers to the [BacoDiscussionStdPictures.ID] field.
Note! The [WebContent.TabImage] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

TabSelectedColor - Selected Tab Color
The [WebContent.TabSelectedColor] field stores the color of the menu item when it is clicked. The color is stored as a decimal RGB value.
Note! The [WebContent.TabSelectedColor] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

TextColor - Text Color
The [WebContent.TextColor] field stores the color of the text of the menu item. The color is stored as a decimal RGB value.
Note! The [WebContent.TextColor] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

TextFontFace - Text style
The [WebContent.TextFontFace] field stores the font of text on the menu item. The possible values are Arial, Verdana, Geneva, Times or Tahoma.
Note! The [WebContent.TextFontFace] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

TextFontSize - Text size
The [WebContent.TextFontSize] field stores the font size of the text on the menu item. The [WebContent.TextFontSize] field can store one of the following values:

Value (Relative HTML font size stored in this field)	Description (Point-based font size for user selection)
1	10
2	12
3	14

Note! The [WebContent.TextFontSize] field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

WebFrameObject - Web frame object
The [WebContent.WebFrameObject] field stores the web frame object. The [WebContent.WebFrameObject] field can store one of the following values:

Value	Description
A	Header and left hand menu item
B	Left hand lower menu item (has been obsolete)

WebFrameType - Web frame type
The [WebContent.WebFrameType] field stores the frame type of the menu items. The [WebContent.WebFrameType] field can store one of the following values:

Value	Description
MEN	Left frame
TOP	Header frame

WebHLink - Link of Document ID / News Layout / List Layout /URL
The [WebContent.WebHLink] field stores the link for the document, news layout, list layout or URL, which is stored in the [WebContent.WebInputLink] field.

WebInputLink - Document ID / News Layout / List Layout / URL
The [WebContent.WebInputLink] field can store one of the following values:

[WebContent.WebInputLink]	Note
The [WebContent.WebInputLink] field stores the document ID to open as the content of the web site when the menu item action. The document ID is retrieved from the [BacoDiscussions.HID] field and the value is stored in the '00.000.00' format.	The 'Document ID' field is mandatory when the [WebContent.WebLinkType] field = '0'.
The [WebContent.WebInputLink] field stores the ID of the frontpage layout document to open as the content of the web site when the menu item action. The [WebContent.WebInputLink] field refers to the [BacoDiscussionNewsLayouts. BDLayoutID] field.	The 'News Layout' field is mandatory when the [WebContent.WebLinkType] field = '3'.
The [WebContent.WebInputLink] field stores the ID of the list layout document to open as the content of the web site when the menu item action. The [WebContent. WebInputLink] field refers to the [BacoDiscussionNewsLayouts.BDLayoutID] field.	The 'List Layout' field is mandatory when the [WebContent.WebLinkType] field = '4'.
The [WebContent.WebInputLink] field stores the complete URL of the web document to open as the content of the web site when the menu item action. The URL of the web document can be an absolute or relative URL. If the [WebContent.WebLinkType] field = '1', the web document will open in a new window. If the [WebContent. WebLinkType] field = '2', the web document will open in the content frame of the web site.	The 'URL' field is mandatory when the [WebContent.WebLinkType] field = '1'.

WebLinkType - Link Type
The [WebContent.WebLinkType] field stores the link type of the menu item. The [WebContent.WebLinkType] field can store one of the following values:

Value	Description
0	ID (Internal Documents)
1	Third Party URL (External Link)
2	Internal File URL (Internal Link)
3	Layout:News (News Pages)
4	Layout:List (List Pages)

WebSize - Web size
The [WebContent.WebSize] field is not used.

WebStyleID - Web site ID
The [WebContent.WebStyleID] field stores the ID of the web site the menu item is linked to. The [WebContent.WebStyleID] field refers to the [WebStyle.ID] field.

WebTarget - Web target
The [WebContent.WebTarget] field stores the mode to load the page of the web site when the menu item action.
The [WebContent.WebTarget] field can store one of the following values based on the [WebContent.WebLinkType] field as described in the table below:

Value	Description	[WebContent.WebLinkType]
_blank	The page is opened in new window.	1
MainWindow	The page is loaded within the same window.	0, 2, 3, 4

WebText - Button / Link Text
The [WebContent.WebText] field stores the text of the button or link of the menu item.
Note!
- The 'Button / Link Text' field is enabled for left hand menu item.
- The 'Button / Link Text' field is enabled for header menu item if the [WebStyle.SetupTopFrame] field = 'o'.
- The 'Link Text' field is only enabled for header menu item if the [WebStyle.SetupTopFrame] field = '4'.

Chapter 8 | Document Search

8. Document Search

8.1 BDViewColumns – View columns in document search

8.1.1 General Description

The [BDViewColumns] table stores the view columns for document search application.

In the document search application, users can define information to view in the search result page. The available view columns and their respective data type are stored in this table.

8.1.2 BDViewColumns field details

Caption - Caption
The [BDViewColumns.Caption] field is not used.

CaptionTermID - Caption term ID
The [BDViewColumns.CaptionTermID] field is not used.

ColumnCount - Column count
The [BDViewColumns.ColumnCount] field stores the number of columns added to the query to retrieve the requested information. See the [BDViewColumns.Columns] field.

Columns - Columns
The [BDViewColumns.Columns] field stores part of the query used to retrieve the information when the columns are used.

DataType - Data type
The [BDViewColumns.DataType] field stores the data type of the information displayed by columns. The data type of the column is needed in order to display the information in the correct format in the search result page. The [BDViewColumns.DataType] field can store one of the following values:

Value	Description
-1	Invisible
0	String
1	Date
2	Number
3	Currency
4	HumanID
5	DateTime
6	Bool
7	StringEncode
8	DefaultCurrency
9	Category
10	DocStatus
11	DocAttachment
12	DocAccContact
13	EntryGuid
100	DelWorkflow
101	WorkflowAction

Description - Description
The [BDViewColumns.Description] field stores the description of the columns.

DescriptionSuffix - Description suffix
The [BDViewColumns.DescriptionSuffix] field stores the description suffix of the columns.
Note! The [BDViewColumns.Description] field and the [BDViewColumns.DescriptionSuffix] field are used to give a complete description displayed in the selection boxes for columns.

DescriptionSuffixTermID - Description suffix term ID
The [BDViewColumns.DescriptionSuffixTermID] field stores the term ID of the description suffix, which is stored in the [BDViewColumns.DescriptionSuffix] field.

DescriptionTermID - Description term ID
The [BDViewColumns.DescriptionTermID] field stores the term ID of the description, which is stored in the [BDViewColumns.Description] field.

Division - Division
The [BDViewColumns.Division] field is not used yet. It is added for future functionality.

ID - ID
The [BDViewColumns.ID] field stores the system generated database record identification number. This field is not functionally used.

InnerJoin - Inner join
The [BDViewColumns.InnerJoin] field indicates if inner join is performed to select the columns (from two or more tables).

Joins - Joins
The [BDViewColumns.Joins] field stores the table alias of the tables to be joined with base table [BacoDiscussions] to retrieve information of which the columns are used.

WorkflowOnly - Workflow only
The [BDViewColumns.WorkflowOnly] field indicates if the columns will be available for document search application. When the [BDViewColumns.WorkflowOnly] field = ‘o’, the columns will be available in document search application.

Chapter 9 | Documents Masterdata

9. Documents Masterdata

9.1 BacoDiscussionStates - Document Statuses

9.1.1 General Description

The [BacoDiscussionStates] table stores the possible states a document can have.
This is a system table, and the values can not be changed.
The following values are stored in the [BacoDiscussionStates] table:

State	Description
10	Draft
20	Not approved
25	Rejected
30	Approved
100	Archived

9.1.2 BacoDiscussionStates field details

Description - Description
The [BacoDiscussionStates.Description] field stores the document status description.

Division - Division
The [BacoDiscussionStates.Division] field is not used yet. It is added for future functionality.

State - State
The [BacoDiscussionStates.State] field stores the status code. The [BacoDiscussionStates.State] field is the reference field for all tables that need a link to the [BacoDiscussionStates] table. The following values are stored in the [BacoDiscussionStates] table:

State	Description
10	Draft
20	Not approved
25	Rejected
30	Approved
100	Archived

9.2 BacoDiscussionCounts - Document Counts

9.2.1 General Description

The [BacoDiscussionCounts] table stores counts of documents per category and security level. A background job (BDScheduler.exe) will each day set the field [BacoDiscussionCounts.NewCount] to o which makes it possible to create reports that show the new documents created that day.

9.2.2 BacoDiscussionCounts field details

Category - Category
The [BacoDiscussionCounts.Category] field stores the document category the documents are counted for.
The [BacoDiscussionCounts.Category] field refers to the [BacoDiscussionCategories.Category] field.

Division - Division
The [BacoDiscussionCounts.Division] field is not used yet. It is added for future functionality.

GroupID - Group ID
The [BacoDiscussionCounts.GroupID] field stores the ID of the document category group the documents are counted for.
The [BacoDiscussionCounts.GroupID] field refers to the [BacoDiscussionGroups.ID] field.

JobLevel - Security level
The [BacoDiscussionCounts.JobLevel] field stores the security level of the document that where counted.
The [BacoDiscussionCounts.JobLevel] field refers to the [BacoDiscussions.JobLevel] field.

NewCount - New count
The [BacoDiscussionCounts.NewCount] field stores the number of documents that were created after the (BDScheduler.exe) job was last run.

RecCount - Total count
The [BacoDiscussionCounts.RecCount] field stores the total count of documents.

SubCategory - Subcategory
The [BacoDiscussionCountsSubCategory] field stores the document sub category the documents are counted for.
The [BacoDiscussionCounts.Category] field refers to the [BacoDiscussionSubCategories.SubCategory] field.

9.3 BacoDiscussionVersions - Document Versions

9.3.1 General Description

The [BacoDiscussionVersions] table stores versions of a document. The document versions can be used to track changes to a document over time. Only 1 version of a document can be active [BacoDiscussionVersions.Status] =”30”. All the changes to the active document version will also be updated in the original document in the [BacoDiscussions] table.

9.3.2 BacoDiscussionVersions field details

Attachment - Attachment
The [BacoDiscussionVersions.Attachment] field stores the attachment of the document version.

Body - Body text
The [BacoDiscussionVersions.Body] field stores the html body of the document version.

CheckedOut - Checked out
The [BacoDiscussionVersions.CheckedOut] field stores the date and time a document version is checked out for editing.

CheckedOutBy - Checked out by
The [BacoDiscussionVersions.CheckedOutBy] field stores the resource who has the document version checked out.
The [BacoDiscussionVersions.CheckedOutBy] field refers to the [Humres.Res_ID] field.

CreatedBy - Created by
The [BacoDiscussionVersions.CreatedBy] field stores the resource ID of the resource that created the document versions.
The [BacoDiscussionVeresions.CreatedBy] field refers to the [Humres.Res_ID] field.

CreatedDate - Created
The [BacoDiscussionVersions.CreatedDate] field stores the date and time that the document versions has been created.

Division - Division
The [BacoDiscussionVersions.Division] field is not used yet. It is added for future functionality.

DocumentID - Document ID
The [BacoDiscussionVersions.DocumentID] field stores the ID of the document the version belongs to.
The [BacoDiscussionVersions.DocumentID] field refers to the [BacoDiscussions.ID] field.

Filename - File name
The [BacoDiscussionVersions.Filename] field stores the original file name of the attachment.

FPIntroText - Front page intro text
The [BacoDiscussionVersions.FPIntroText] field stores the text that is used as frontpage news sub header.

HID - Human readable ID
The [BacoDiscussionVersions.HID] field stores the document version ID. This field is not functionally used; functionally the original document's [Bacodiscussions.HID] and the [BacoDiscussionVersions.Version] field are used to identify a particular version.

ID - ID
The [BacoDiscussionVersions.ID] field stores the system generated database record ID. This field is not functionally used.

ModifiedBy - Modified by
The [BacoDiscussionVersions.ModifiedBy] field stores the resource that last modified the document versions.
The [BacoDiscussionVeresions.ModifiedBy] field refers to the [Humres.Res_ID] field

ModifiedDate - Modified
The [BacoDiscussionVersions.ModifiedDate] field stores the date and time that the document versions was last modified.

StartDate - Start date
The [BacoDiscussionVersions.StartDate] field stores the date the version becomes the active version. The BDScheduler background job will change the status of the version to active on the start date.

Status - Status
The [BacoDiscussionVersions.Status] field stores the code of the status of the document version. The [BacoDiscussionVersions.Status] field refers to the [BacoDiscussionStates.State] field.

StatusText - Status text
The [BacoDiscussionVersions.StatusText] field stores the rejection text of the document version. This is the text the user can enter when rejecting a document that needs approval.

Subject - Subject
The [BacoDiscussionVersions.Subject] field stores the subject of the document version.

Timestamp - Timestamp
The [BacoDiscussionVersions.timestamp] field stores a system generated timestamp. The timestamp field is regenerated upon every change in the document versions.

Version - Version
The [BacoDiscussionVersions.Version] field stores the version number of the document version.

VersionNote - Version note
The [BacoDiscussionVersions.VersionNote] field stores the note that can be entered when creating a document version.

9.4 DocumentWords - Documents Search Index

9.4.1 General Description

The [DocumentWords] table stores the documents full text index. In the full text index each word that is used in a document is and linked to a specific document. This makes it possible to perform very fast searches on documents using individual words.

9.4.2 DocumentWords field details

Division - Division
The [DocumentWords.Division] field is not used yet. It is added for future functionality.

ID - ID
The [DocumentWords.ID] Field stores the ID of the document that contains the word. The [DocumentWords.ID] Field refers to the [BacoDiscussions.ID] field.

Word - Word
The [DocumentWords.Word] Field stores the word that was used in the document.

9.5 NoiseWords – Noise words

9.5.1 General Description

The [NoiseWords] table stores noise words. Noise words are excluded from the full-text index words tables, either the [DocumentWords] table or the [RequestWords] table.

Noise words are words that are ignored by all text searches for documents or requests. For example, when a user searches documents that contain the words 'invoice for customer', the search engine will ignore the word 'for' if it is defined as noise word. The search engine will only search documents that contain the words 'invoice' and 'customer'. Therefore, the search is more efficient.

When a noise word is deleted from the [NoiseWords] table, the word will be stored in the full-text index words tables, either the [DocumentWords] table or the [RequestWords] table.

Note! The [NoiseWords] table is only used in Exact Synergy Enterprise.

9.5.2 NoiseWords field details

Division - Division
The [NoiseWords.Division] field is not used yet. It is added for future functionality.

Language - Language
The [NoiseWords.Language] field is not used.

Syscreated - Created date and time
The [NoiseWords.Syscreated] field stores the date and time that the noise word has been created.

Syscreator - Creator
The [NoiseWords.Syscreator] field stores the ID of the resource who created the noise word. The [NoiseWords.Syscreator] field refers to the [Humres.Res_ID] field.

Sysmodified - Modified date and time
The [NoiseWords.Sysmodified] field stores the date and time that the noise word was last modified. Initially, this field contains the creation date.

Sysmodifier - Modifier
The [NoiseWords.Sysmodifier] field stores the ID of the resource who last modified the noise word. Initially, this field contains the creator as is stored in the [NoiseWords.Syscreator] field. The [NoiseWords.Sysmodifier] field refers to the [Humres.Res_ID] field.

Word - Word
The [NoiseWords.Word] field stores the noise word.

Chapter 10 | Fulltext index

10. Fulltext index

In Exact Synergy Enterprise, the document search has been extended with enterprise search. The new search method requires different data and therefore a new database design for fulltext index has been implemented.

10.1 Words - Words

10.1.1 General Description

The [Words] table stores the indexed words. Every indexed word gets a unique ID. Other tables use this unique ID to reference the indexed word.

10.1.2 Words field details

ID - ID
The [Words.ID] field stores the unique ID of the word.

UsedCount - UsedCount
The [Words.UsedCount] field is reserved to store the number of times the word is used within an entity.

UsedCountAttachments - UsedCountAttachment
The [Words.UsedCountAttachments] field stores the number of times the word is used within an attachment of the entity.

UsedCountDocuments - UsedCountDocuments
The [Words.UsedCountDocuments] field stores the number of times the word is used within a document.

UsedCountRequests - UsedCountRequests
The [Words.UsedCountRequests] field stores the number of times the word is used within a request.

Word - Word
The [Words.Word] field stores the word.

10.2 WordReferences - WordReferences

10.2.1 General Description

The [WordReferences] table stores the references for words that are used per entity. At this moment, we only index the documents entity but in the future, we can also use this table to index other entities like requests, resources, items, accounts etc.

The [WordReferences.Score] field is used to quickly order the entities on relevance for a certain word. The [WordReferences.InSubject], [WordReferences.InSummary] and [WordReferences.InDocCount] fields are only required to recalculate relevance score of a word.

10.2.2 WordReferences field details

Entity - Entity
The [WordReferences.Entity] field stores the unique ID of the entity. The [WordReferences.Entity] field is used as reference to the entity, e.g. the document ID to reference the document.

EntityType - Entity type
The [WordReferences.EntityType] field stores the type of the entity.

InAttachmentCount - Used in attachment
The [WordReferences.InAttachmentCount] field is not used yet.

InDocCount - Used in document
The [WordReferences.InDocCount] field stores the number of times a word is used within the document.

InSubject - Used in subject
The [WordReferences.InSubject] field stores the number of times a word is used within the subject of the document.

InSummary - Used in summary
The [WordReferences.InSummary] field stores the number of times a word is used within the summary of the document.

Language - Language
The [WordReferences.Language] field stores the language code of the entity the word belongs to. The [WordReferences.Language] field refers to the [Taal.Taalcode] field.

Score - Score
The [WordReferences.Score] field stores the calculated relevance score for a word.
Note! The search is using a pre-calculated word relevance score to determine the page rank of a document that matches the search criteria. This score is calculated from different aspects from the word and the document it belongs to. Each word gets a score that must express the relevance of the word for the document. Next to relevance, a part of the score of the word is based on the importance and popularity of the document it belongs to.

SecurityLevel - Security level
The [WordReferences.SecurityLevel] field stores the security level of the entity the word belongs to.

Word - Word
The [WordReferences.Word] field stores the unique ID of the word. The [WordReferences.Word] field refers to the [Words.ID] field.

10.3 DocumentReferences - DocumentReferences

10.3.1 General Description

The document hyperlinks of every indexed document are stored in this [DocumentReferences] table. This is needed because document hyperlinks are used to calculate the score of a word in a document.

10.3.2 DocumentReferences field details

Document - Document
The [DocumentReferences.Document] field stores the document ID of the document that contains the references.

Entity - Entity
The [DocumentReferences.Entity] field stores the unique ID of the entity (document, request, etc) to which the document ([DocumentReferences.Document]) has a reference.

EntityType - Entity type
The [DocumentReferences.EntityType] field stores the type of the entity.

10.4 DocumentStatistics - DocumentStatistics

10.4.1 General Description

The [DocumentStatistics] table contains statistics of a document that are used to calculate the score of the words used in the document. Currently this table contains only the reference counts of documents but in the future, this table might be extended with other statistics.

10.4.2 DocumentStatistics field details

Document - Document
The [DocumentStatistics.Document] field stores the unique ID of the document.

ReferencesIn - ReferencesIn
The [DocumentStatistics.ReferencesIn] field stores the number of document that contains a hyperlink towards this document.

ReferencesOut - ReferencesOut
The [DocumentStatistics.ReferencesOut] field stores the number of hyperlink within this document towards other documents.

Timestamp - Timestamp
The [DocumentStatistics.Timestamp] field contains a system generated timestamp. The timestamp field is regenerated upon every change in the tax declaration. This field is mainly used for replication purposes.

10.5 WordSynonyms – Word Synonyms

10.5.1 General Description

The [WordSynonyms] table stores the synonyms for the indexed search words.

When a user searches on a word, the search engine should search for the word the user has entered and all other words that are synonyms for it. Synonyms functionality should first retrieve all synonyms for the word the user is searching on and extend the search query with these synonyms. Search result is displayed by relevancy ranking. Synonyms search should be implemented in document and request search.

Example 1: We have a synonym for the word Project ([Words.ID] = 32415). The synonym is Projekt ([Words.ID] = 13412).
A search on the word Project will result in all documents that contain the word Projekt or Project.

Example 2: We have synonyms for the word Support ([Words.ID] = 78654).
The synonyms are Helpdesk ([Words.ID] = 32212) and Supportdesk ([Words.ID] = 42322).
A search on the word Support will result in all documents that contain the word Support or Helpdesk or Supportdesk.

Example 3: We have synonyms for the word Helpdesk. The synonyms are Support and Supportdesk.
A search on the word Helpdesk will result in all documents that contain the word Support or Supportdesk or Helpdesk.
The table below shows how the data is stored in the [WordSynonyms] table based on the examples above.

ID	SynonymGroup	Word
1	7D277445-9F68-43B2-9373-0D240A0B4F0A	13412
2	7D277445-9F68-43B2-9373-0D240A0B4F0A	32415
3	B2B43ECE-6198-40DF-9CEF-3BF5871F7CF2	78654
4	B2B43ECE-6198-40DF-9CEF-3BF5871F7CF2	32212
5	B2B43ECE-6198-40DF-9CEF-3BF5871F7CF2	42322

10.5.2 WordSynonyms field details

Created - Created
The [WordSynonyms.Created] field stores the date and time that the synonyms has been created.

Creator - Creator
The [WordSynonyms.Creator] field stores the ID of the resource who has created the synonyms. The [WordSynonyms.Creator] field refers to the [Humres.Res_ID] field.

ID - ID
The [WordSynonyms.ID] field stores the system generated database record identification number. This field is not functionally used.

SynonymGroup - Synonym group
The [WordSynonyms.SynonymGroup] field stores the GUID that groups the synonyms.

Word - Word
The [WordSynonyms.Word] field stores the ID of the word. The [WordSynonyms.Word] field refers to the [Words.ID] field.

10.6 Attachments – Attachments

10.6.1 General description

The [Attachments] table stores all the attachments that are attached to a document or versioned document. This table also stores multiple attachments that are attached to a document.

10.6.2 Attachments field details

Attachment - Attachment
The [Attachments.Attachment] field stores the ID of the file attachment that is attached to the document.

AttachmentFileExtension - Attachment file extension
The [Attachments.AttachmentFileExtension] field stores the file extension of the attachment file that is attached to the document.

AttachmentFileName - Attachment file name
The [Attachments.AttachmentFileName] field stores the name of the file that is attached to the document.

Division - Division
The [Attachments.Division] field stores the division code of the user's division.

Entity - Entity
The [Attachments.Entity] field stores the document ID of the file attachment that is attached to the document.

EntityType - Entity type
The [Attachments.EntityType] field stores the type of file attachment that is attached to the document. The value is always "2" which means it is an attachment.

ID - ID
The [Attachments.ID] field stores the binary data of the file that is attached to the document.

VersionID - VersionID
The [Attachments.VersionID] field stores the version ID of the document that the file attachment is attached to.

10.7 Tags – Tags

10.7.1 General description

The [Tags] table stores all the document tags that are created by users. These tags are placed in documents so that documents can be easily searched using the tags.

10.7.2 Tags field details

CreatedDate - Created date
The [Tags.CreatedDate] field stores the date the tag was created.

Division - Division
The [Tags.Division] field stores the division code of the user's division.

ID - ID
The [Tags.ID] field stores the ID of the tag created.

Tag - Tag
The [Tags.Tag] field stores the title of the tag created.

UseCount - Use count
The [Tags.UseCount] field stores the number of times the tag was used in a document.

10.8 TagReferences – Tag References

10.8.1 General description

The [TagReferences] table stores all the tagged documents that contain certain tags.

10.8.2 TagReferences field details

CreatedBy - Created by
The [TagReferences.CreatedBy] field stores the ID of the user who tagged the document.

CreatedDate - Created date and time
The [TagReferences.CreatedDate] field stores the date and time the document was tagged.

Deleted - Deleted
The [TagReferences.Deleted] field indicates whether the tag that is tagged to the document has been deleted. The value "0" indicates that the tag has not been deleted and "1" indicates that the tag has been deleted.

Division - Division
The [TagReferences.Division] field stores the division code of the user's division.

Entity - Entity
The [TagReferences.Entity] field stores the document ID of the tagged document.

EntityType - Entity type
The [TagReferences.EntityType] field stores the type of tag that is tagged to the document.

ID - ID
The [TagReferences.ID] field stores the ID of the tag reference for the documents that contain tags.

Tag - Tag
The [TagReferences.Tag] field stores the title of the tag that is tagged to the document.

TagID - Tag ID
The [TagReferences.TagID] field stores the ID of the tag that is tagged to the document.

Timestamp - Timestamp
The [TagReferences.Timestamp] field stores a system generated timestamp. The timestamp field is regenerated upon every change in the documents. This field is mainly used for replication purposes.

10.9 DocumentTypeCorporateTags

10.9.1 General description

The [DocumentTypeCorporateTags] table stores the corporate tags that are used for document types in the documents.

10.9.2 DocumentTypeCorporateTags field details

CreatedBy - Created by
The [DocumentTypeCorporateTags.CreatedBy] field stores the user who created the corporate tag.

CreatedDate - Created date and time
The [DocumentTypeCorporateTags.CreatedDate] field stores the date and time the corporate tag created.

Division - Division
The [DocumentTypeCorporateTags.Division] field stores the division code of the user's division.

ID - ID
The [DocumentTypeCorporateTags.ID] field stores the ID of the corporate tag.

Tag - Tag
The [DocumentTypeCorporateTag.Tag] field stores the title of the corporate tag that is tagged to the document.

TypeID - Type ID
The [DocumentTypeCorporateTag.TypeID] field stores the ID of the type of corporate tag used in the document.

10.10 DocumentCorporateTags

10.10.1 General description

The [DocumentCorporateTags] table stores the corporate tags that are attached to the individual documents when creating or editing the documents.

10.10.2 DocumentCorporateTags field details

CreatedBy - Created by
The [DocumentCorporateTags.CreatedBy] field stores the ID of the user who created the document that has corporate tag(s) attached.

CreatedDate - Created date and time
The [DocumentCorporateTags.CreatedDate] field stores the date and time the document was created.

Division - Division
The [DocumentCorporateTags.Division] field stores the division code of the user's division.

DocumentID - Document ID
The [DocumentCorporateTags.DocumentID] field stores the ID of the document that the corporate tag is attached to.

DocVersion - Document version
The [DocumentCorporateTags.DocVersion] field stores the version of the document that has corporate tag(s) attached.

ID - ID
The [DocumentCorporateTags.ID] field stores the ID of the corporate tag.

Tag - Tag
The [DocumentCorporateTags.Tag] field stores the title of the tag that is attached to the document.

TagID - Tag ID
The [DocumentCorporateTags.TagID] field stores the ID of the tags that are attached to the documents.

10.11 TagIndividualWeights

10.11.1 General description

The [TagIndividualWeights] table is used by the word indexing background job for enterprise search support.

10.11.2 TagIndividualWeights field details

Entity - Entity
The [TagIndividualWeights.Entity] field stores the ID of the document.

ID - ID
The [TagIndividualWeights.ID] field stores the ID of the tag.

Score - Score
The [TagIndividualWeights.Score] field stores the score of the enterprise search.

TagsCount - Tags count
The [TagIndividualWeights.TagsCount] field stores the number of times the tag is used in the documents.

WordID - Word ID
The [TagIndividualWeights.WordID] field stores the ID of the indexed word.

Chapter 11 | Field properties

11. Field properties

11.1 Documents

11.1.1 BacoDiscussions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Assortme nt	Assortment	ItemAssortment. Assortment	int		Yes		
AttachmentType	Attachment type		nchar	1	Yes		
Body	Body		nVarchar		Yes		
Category	Category	BacoDiscussionCategories. Category	nVarchar	30	Yes		
CheckedOut	Checked Out		datetime		Yes		
CheckedOutBy	Checked Out By	Humres.Res_ID	int		Yes		
Class_02_1	Class 1	ItemReleases. ProductRelease	nVarchar	30	Yes		
Class_02_2	Class 2	ItemReleases. ProductRelease	nVarchar	30	Yes		
CmpWwn	Account	Cicmpy.Cmp_wwn	uniqueidentifier		Yes		
cnt_ID	Account Contact person guid	Cicntp.Cnt_ID	uniqueidentifier		Yes		
Company	Company	Bedryf.Bedrnr	nchar	3	Yes		
CreatedBy	Created by	Humres.Res_ID	int		No		
CreatedByFullName	Created by fullname		nVarchar	50	No		
CreatedDate	Created date		datetime		No		
Division	Division		smallint	2	Yes		
Document	Document		varbinary		Yes		
EntryKey	Transaction	TransactionsPedning. EntryGuid	uniqueidentifier		Yes		
ExpiryDate	Document expiration date		datetime		Yes		
Filename	File name		nvarchar	100	Yes		
FPIntroText	Frontpage Introduction Text		nvarchar	200	Yes		

BacoDiscussions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
GroupID	Group ID	BacoDiscussionGroups.ID	int		No		0
HID	Human readable ID		int		No		
HumResID	resource	Humres.Res_ID	int		Yes		
ID	ID		uniqueidentifier		No		
IsMailMerge	Is Mailmerge document		bit		No		0
IsTemplate	Template		bit		No		0
ItemCode	Item code	Items.ItemCode	nvarchar	30	Yes		
ItemNumberID	Item Serial Number Id	ItemNumbers.ID	uniqueidentifier		Yes		
JobLevel	Security level		int		No		0
LanguageID	Language	Taal.TaalCode	nchar	3	Yes		
LayoutReference	Layout ID		int		Yes		
MailCC	Mail CC		nVarchar(max)		Yes		
MailFrom	Mail from		nVarchar	512	Yes		
MailOnBehalf	Mail on behalf		nVarchar		Yes		
MailSentOn	Mail sent date		Datetime		Yes		
MailTo	Mail to		nVarchar(max)		Yes		
ModifiedBy	Modified by	Humres.Res_ID	int		Yes		
ModifiedDate	Modified date		datetime		No		
NewsType	News type		tinyint		No		0
Note	Remarks and comments		nVarchar		Yes		
OpportunityID	Opportunity	Opportunities.ID	int		Yes		
OrderNumber	Attached order		nchar	8	Yes		
OurRef	Our refference		nchar	8	Yes		
Owner	Owner	Humres.Res_ID	int		Yes		
OwnerType	OwnerType		smallint		Yes		
OwnerTypeRoleLevel	Owner type role level		Int		No		0
OwnerTypeRoleRefPoint	Owner type role reference		nChar	1	Yes		

BacoDiscussions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
OwnerTypeValue	Owner Type Value		nvarchar	50	Yes		
ParentID	Parent ID	BacoDiscussions.ID	uniqueidentifier		Yes		
PaymentReference	Payment reference	Gbkmut.Betaalref	nVarchar		Yes		
ProjectNr	Project number	PRProject.ProjectNr	nVarchar	20	Yes		
ReportID	Report ID		tinyint		Yes		0
ShipmentMethod	Shipment method	Ordlev.Levwijze	nchar	3	Yes		
Source	source		nchar	1	Yes		
Status	Status	BacoDiscussionStates. State	int		No		1
StatusText	Statustext		nvarchar	100	Yes		
SubCategory	sub-category	BacoDiscussion SubCategories.ID	nVarchar	30	Yes		
Subject	Subject		nvarchar	256	No		
timestamp	TimeStamp		timestamp		No		
Type	Type	BacoDiscussion FixedTypes.TypeID	int		No		0
Version	Document version number	BacoDiscussionVersions. Version	nVarchar	20	Yes		
ViewDate	View Date		datetime		No		
ViewRightsOwner	View rights owner		Int		Yes		
ViewRightsType	View rights type		Smallint		Yes		0
ViewRightsTypeValue	View rights type value		nVarchar	50	Yes		
ViewRightTypeRoleLevel	View rights type role level		Int		Yes		
ViewRightTypeRoleRefPoint	View rights type role reference		nChar	1	Yes		Null
VoteCount	Vote Count		int		Yes		
VoteSum	Vote Sum		int		Yes		
Warehouse	Warehouse	Magaz.Magcode	nchar	4	Yes		
YourRef	Your reference	Gbkmut.DocNumber	nVarchar	30	Yes		

11.2 Document categories

11.2.1 BacoDiscussionGroups

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
AllowReplies	Allow users to create replies to documents		bit		No		(1)
Description	Description		nvarchar	100	No		
Division	Divisiion		smallint	2	Yes		
GroupIcon	Group icon		varbinary		Yes		
GroupIconFileName	Allow Publish on frontpage / headlines		nvarchar	255	Yes		
GroupOrder	Order		int		No		(0)
ID	ID		int		No		
Publish	Allow publication level selection		bit		No		(0)
RestrictedRights	Show security field		bit		No		(0)
TemplateID	Default template document	BacoDiscussions.ID	uniqueidentifier		Yes		
UseCmpWwn	Use account		tinyint		No		(0)
UseCompany	Use company		tinyint		No		(1)
UseCompGroup	use company group		tinyint		No		(1)
UseEntryKey	Use EntryKey		tinyint		No		(0)
UseHumResID	Use human resource ID		tinyint		No		(0)
UseItemNumber	Use Serial Number		tinyint		No		(0)
UseItems	Use items		tinyint		No		(0)
UseLanguageID	Use Language field		tinyint		No		(0)
UseOpportunity	Use opportunity		tinyint		No		(0)
UseProductLine	Use product line		tinyint		No		(0)
UseProjectNr	UseProjectNr		tinyint		No		(0)
UseReports	UseReports		tinyint		Yes		(0)
UseVote	Use voting		tinyint		No		(0)

11.2.2 BacoDiscussionCategories

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Category	Description		nVarchar	30	No		
Division	Division		smallint	2	Yes		
GroupID	Group ID	BacoDiscussionGroups.ID	int		No		0
ID	ID		uniqueidentifier		No		
TemplateID	Template ID	BacoDiscussions.ID	uniqueidentifier		Yes		

11.2.3 BacoDiscussionSubCategories

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Category	Category description	BacoDiscussionCategories. Category	nVarchar	30	No		
CategoryID	Category ID	BacoDiscussionCategories. ID	uniqueidentifier		Yes		
Division	Division		smallint	2	Yes		
DocumentTypeID	Document type ID		Int	4	Yes		
CheckField	Check field		Int		No		0
ForumCustomer	Forum customer		bit		No		0
ForumDescription	Forum description		nvarchar	255	Yes		
ForumEmployee	Forum employee		bit		No		0
ForumPublic	Forum public		bit		No		0
ForumReseller	Forum reseller		bit		No		0
FullText	Full text		bit		No		1
GroupID	Group ID	BacoDiscussionGroups.ID	int		No		0
ID	ID		uniqueidentifier		No		
NeedsApproval	Needs approval		bit		No		0
SecurityLevel	Security level		int		No		10
SubCategory	Sub-Category description		nVarchar	30	No		

11.2.4 BacoDiscussionGRoles

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ApprovalRoleLevel	Approval role level		Int		Yes		0
ApprovalRefPoint	Approval reference point		nChar	1	Yes		
Division	Division		smallint	2	Yes		
DocumentTypeID	Document type ID		Int		No		0
ID	ID		uniqueidentifier		No		
RoleID	RoleID	HrRoleDefs.ID	int		No		
SubCategoryID	Subcategory ID	BacoDiscussion SubCategories.ID	uniqueidentifier		Yes		

11.3 Document types

11.3.1 BacoDiscussionFixedGroups

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedBy	Created by	Humres.Res_ID	int		Yes		0
CreatedDate	Created		datetime		Yes		
Description	Description		nvarchar	60	No		
Division	Division		smallint	2	Yes		
ID	ID		uniqueidentifier		No		
ModifiedBy	Modified by	Humres.Res_ID	int		Yes		0
ModifiedDate	Modified		datetime		Yes		
SystemType	Type		tinyint		No		0

11.3.2 BacoDiscussionFixedTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Ac_Label	Account Label		nvarchar	255	Yes		
Ac_Selection	Account Selection		nvarchar	255	Yes		
Ac_Type	Account Type	AccountTypes.Type	nchar	1	Yes		
Ac_Use	Account Use		tinyint		Yes		0
Active	Active		tinyint		Yes		1
ActionOldMajorVersion	Action old major version		nChar	1	No		A
AllowCheckoutDays	Allow check out days		Int		No		0
AllowReplies	Allow replies		Bit		No		1
AllowScripting	Allow scripting		Bit		No		1
ApprovalRole	Approval role		Int		Yes		
ApprovalRoleLevel	Approval role level		Int		Yes		
ApprovalRoleRefPoint	Approval role reference point		nChar	1	Yes		
Ap_Use	Approval Use		tinyint		Yes		1
ArchiveDays	Archive days		Int		No		0
ArchiveMethods	Archive methods		nChar	1	No		N
As_Default	Default Assortment	ItemAssortment. Assortment	int		Yes		
As_Use	Assortment Use		tinyint		Yes		0
Attachment	Allow Attachment		tinyint		Yes		1
BlockHiddenManEntry	Block hidden manual entry		nChar	1	No		A

BacoDiscussionFixedTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Cr_Level1	Creator Security Level 1	HRRoleLevels.ID	int		Yes		
Cr_Level2	Creator Security Level 2	HRRoleLevels.ID	int		Yes		
Cr_Level3	Creator Security Level 3	HRRoleLevels.ID	int		Yes		
Cr_Role1	Creator Role 1	HRRoles.ID	int		Yes		
Cr_Role2	Creator Role 2	HRRoles.ID	int		Yes		
Cr_Role3	Creator Role 3	HRRoles.ID	int		Yes		
Cr_Security	Creator Security Level		smallint		Yes		10
Cr_SystemGen	System Generate		tinyint		Yes		0
CreatedBy	Created by	humres.res_id	int		Yes		
CreatedDate	Created Date		datetime		Yes		
DaysToExpiry	lifetime		int		Yes		
DefCategory	Default Category	BacoDiscussionCategories.ID	uniqueidentifier		Yes		
DefGroupID	Default Main Category	BacoDiscussionGroups.ID	int		Yes		
DefSecurity	Default Security		smallint		Yes		10
DefSecurityTo	Default security to		Smallint		Yes		
DefSubCategory	Default Sub Category	BacoDiscussion SubCategories.ID	uniqueidentifier		Yes		
DeleteRights	Delete		nchar	1	No		Y
Description	Description		nvarchar	200	No		
Division	Division		smallint	2	Yes		
EditRights	Edit		nchar	1	No		Y
EditRightsOwner	Edit rights owner		Int		No		0
EditRightsType	Edit rights type		Smallint		No		0
EditRightsTypeValue	Edit rights type value		nVarchar	50	Yes		

BacoDiscussionFixedTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
EditRightTypeRoleLevel	Edit rights type role level		Int		Yes		
EditRightTypeRoleRefPoint	Edit rights type role reference point		nChar	1	Yes		
EditSecurity	Security level changeable		tinyint		Yes		1
EnableTagging	Enable tagging		Bit		No		0
Fi_OurRef	Financial Our Reference		tinyint		Yes		
Fi_Selection	Financial Selection		nvarchar	255	Yes		
Fi_Use	Use Financial		tinyint		Yes		0
Fi_YourRef	Financial Your Reference		tinyint		Yes		
FullText	Full text		Bit		No		1
GroupID	Group ID	BacoDiscussion FixedGroups.ID	uniqueidentifier		Yes		
It_Default	Items Default	Items.ItemCode	nvarchar	30	Yes		
It_Label	Items Label		nvarchar	255	Yes		
It_Selection	Items Selection		nvarchar	255	Yes		
It_Status	Items Status		nchar	1	Yes		
It_Use	Items Use		tinyint		Yes		0
It_UseNumber	Items Serial Number		tinyint		No		0
Manager	Manager	Humres.Res_ID	int		Yes		
ModifiedBy	Modified By	Humres.Res_ID	int		Yes		
ModifiedDate	Modified Date		datetime		Yes		
NumMajorVersionAllow	Number of major versions allowed		Int		No		0
Opportunity_Default	Opportunity default	Opportunities.ID	int		Yes		
Opportunity_Selection	Opportunity selection		nvarchar	255	Yes		
Opportunity_Use	Use opportunity		tinyint		No		0

BacoDiscussionFixedTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
OrderNumber_Use	Use order number		tinyint		No		0
PaymentReference_Use	Use payment reference		tinyint		No		0
Policy	Policy Document	BacoDiscussions.ID	uniqueidentifier		Yes		
Pr_Default	Project Default	PRProject.ProjectNr	nVarchar	20	Yes		
Pr_Selection	Project Selection		nvarchar	255	Yes		
Pr_Use	Project Use		tinyint		Yes		0
Re_Label	Resource Label		nvarchar	255	Yes		
Re_Selection	Resource Selection		nvarchar	255	Yes		
Re_Status	Resource Status	ResourceStatus.Status	nchar	1	Yes		
Re_Type	Resource Type	Humres.Emp_Type	nchar	1	Yes		
Re_Use	Resource Use		tinyint		Yes		0
Sec_Ap_Use	Security approval use		tinyint		Yes		0
ShipmentMethod_Use	Use shipment method		tinyint		No		0
ShowEditRightsInfo	Show edit rights information		Bit		No		0
SystemType	System type		tinyint		No		0
TemplateID	Template ID	BacoDiscussions.ID	uniqueidentifier		Yes		
TypeID	Type ID		int		No		

BacoDiscussionFixedTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
UseCompany	Use company		Tinyint		No		1
UseLanguageID	Use language ID		Tinyint		No		0
UseOwner	Use Owner		tinyint		Yes		1
UsePublish	Use Publish		tinyint		Yes		1
UseRating	Use Rating		tinyint		Yes		1
UseReports	Use reports		Tinyint		No		0
UseStatistics	Use Statistics		tinyint		Yes		1
UseVote	Use vote		Tinyint		No		0
VersionType	Version type		nchar	1	No		N
ViewRightsOwner	View rights owner		Int		No		0
ViewRightsType	View rights type		Smallint		No		0
ViewRightsTypeValue	View rights type value		nVarchar	50	Yes		
ViewRightTypeRoleLevel	View right type role level		Int		Yes		
ViewRightTypeRoleRefPoint	View rights type role reference point		nChar	1	Yes		
Warehouse_Use	Use warehouse		tinyint		No		0

11.4 Document images

11.4.1 BacoDiscussionPictures

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Date of creation		datetime		No		
Division	Division		smallint	2	Yes		
Filename	Filename		nvarchar	255	Yes		
ID	ID		uniqueidentifier		No		
Picture	Picture		varbinary		Yes		

11.4.2 BacoDiscussionStdPictures

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Description	Description		nvarchar	30	No		
Division	Division		smallint	2	Yes		
Filename	File name		nvarchar	255	Yes		
Height	Height		int		No		(0)
ID	ID		uniqueidentifier		No		
Picture	Picture		varbinary		Yes		
Size	Size		int		No		(0)
Type	Type		nvarchar	30	No		
Width	Width		int		No		(0)

11.4.3 BDPictureRefs

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
AttachmentID	Attachment ID		Uniqueidentifier		No		
Division	Division		smallint	2	Yes		
DocID	Document ID	BacoDiscussions.ID	uniqueidentifier		No		
PictureID	Picture ID	BacoDiscussionPictures.ID	uniqueidentifier		No		
Version	Version		Varchar	20	yes		

11.5 Layouts

11.5.1 BacoDiscussionNewsLayouts

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
BDLayoutID	Code		nchar	10	No	4138	
Bedrnr	Division	bedryf.bedrnr	nchar	3	Yes	64	
Condition	Criteria		nvarchar	2048	Yes	9822	
ConditionDivision	Condition division		nvarchar	60	Yes		
ConditionJobLevelOperator	Condition j ob level operator		nchar	2	Yes		
ConditionJobLevelValue	Condition job level value		int	4	Yes		
ConditionLanguage	Condition language		nvarchar	60	Yes		
DefaultImage	Default image		nvarchar	128	Yes		
Description	Description		nvarchar	40	Yes	4243	
Division	Division		smallint	2	Yes	64	
EditorialDocID	Editorial	BacoDiscussions.ID	uniqueidentifier	16	Yes	68	
Enabled	Active		tinyint	1	No	2212	(1)
FooterDocID	Footer	BacoDiscussions.ID	uniqueidentifier	16	Yes	73	
FooterPage	Footer page		nvarchar	128	Yes		
HeaderDocID	Header	BacoDiscussions.ID	uniqueidentifier	16	Yes	321	
HeaderPage	Header page		nvarchar	128	Yes		
HeadlineImage	HeadlineImage		bit		No		(0)
Headlines	Headlines		bit	1	No	203	(0)
HLBackGround	HLBackGround		nvarchar	128	Yes		
ImageDefault	Picture	BacoDiscussionS tdPictures.ID	uniqueidentifier	16	Yes	220	
ImageHLBackground	Background	BacoDiscussion StdPictures.ID	uniqueidentifier	16	Yes	90	
LayoutType	Layout type		tinyint	1	No	1769	(0)
MaxHeadlines	Page size		smallint	2	No	219	(8)
MaxNews	Page size		smallint	2	No	219	(10)

BacoDiscussionNewsLayouts

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
OrCountryUse	Include: News (Country)		tinyint	1	No	31397 32264 2536	(0)
OrDivisionGroupUse	Include: News (Group)		tinyint	1	No	31397 32264 2560	(0)
OrDivisionUse	Include: News (Division)		tinyint	1	No	31397 32264 64	(0)
TextFooter	Footer		nVarchar	16	Yes	73	
TextHeader	Header		nVarchar	16	Yes	321	
UseSelectionCombo	List: Frontpages		tinyint	1	No	24737 296	(1)

11.5.2 BacoDiscussionLayoutLanguage

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
BDLayoutID	Code	BacoDiscussion NewsLayouts.BDLayoutID	nchar	10	No	4138	
Division	Division		smallint	2	Yes	64	
ID	ID		uniqueidentifier	16	No	31212	
Taalcode	Code	taal.taalcode	nchar	3	Yes	4138	

11.5.3 ResellerNews

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Administration	Division	bedryf.bedrnr	int	4	No	64	
BDLayoutID	Layout	BacoDiscussionNewsLayouts.BDLayoutID	nchar	10	No	8722	
Division	Division		smallint	2	Yes	64	
ID	ID		uniqueidentifier	16	No	31212	(newid())
Type	Relation		int	4	No	320	(0)

11.6 Web sites maintenance

11.6.1 WebStyle

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ActiveDate	Active date		datetime	8	Yes		
ASPLeftFrame	ASP		nVarchar	255	Yes		
ASPTopFrame	ASP		nVarchar	255	Yes		
Bedrnr	Division	bedryf.bedrnr	nchar	3	Yes	64	
BGColourBanner	Background		nVarchar	20	Yes	90	
BGColourTopFrame	Background : Color		nVarchar	20	Yes	90 5865	
BGImage	Background : Background Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	90 90 220	
BGImageBottom	Background : Bottom Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	90 40 220	
BGImageTop	Background : Top Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	90 8184 220	
BGImageTopFrame	Background : Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	90 220	
Classification	Classification	Classifications.ClassificationID	nchar	3	Yes	440	
Division	Division		smallint	2	Yes	64	
DomainName	Domain		nvarchar	2048	Yes	3762	
FrontPage	Document/Layout/ Frontpage		nVarchar	255	Yes	7226/ 8722/ 99	
FrontPageType	Type		int	4	No	3801	(0)
HeightTopFrame	Height (Pixels)		int	4	No	7262 276	(70)
HTMLText	Text		nVarchar	16	Yes	8893	
HTMLTextLeftFrame	HTML		nVarchar	16	Yes		
HTMLTextTopFrame	HTML		nVarchar	16	Yes		
ID	ID		uniqueidentifier	16	No	31212	(newid())

WebStyle

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
IsActiveDate	Active date		tinyint	1	No		
IsByHandLeftFrame	Left frame		tinyint	1	Yes		
IsByHandTopFrame	Top frame		tinyint	1	Yes		
IsEnabled	Active		bit	1	No	2212	(1)
IsHideBanner	Hide		tinyint	1	Yes	89	
IsMarqueeBanner	Marquee		tinyint	1	Yes	299	
ItemSearchType	Items search type		nchar	1	Yes		
LeftFontFace	Left font face		nchar	10	Yes		
LeftFontSize	Left font size		nchar	10	Yes		
LeftFrameDocID	Document	BacoDiscussions.ID	uniqueidentifier	16	Yes	7226	
Logo	Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	220	
MarqueeSpeed Banner	Speed		int	4	No	300	(0)
MetatagKeyword	Meta keyword		nvarchar	190	Yes		
RBGImage	Tab : Right Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	5992 6123 220	
SearchAccounts	Search : Accounts		tinyint	1	No	8788 9	(0)
SearchDocuments	Search documents		tinyint	1	No		(0)
SearchItems	Search : Items		tinyint	1	No	8788 9889	(0)
SearchProject	Search : Projects		tinyint	1	No	8788 8671	(0)
SearchRequest	Search : Requests		tinyint	1	No	8788 17	(0)
Sector	Sector	cisect.sct_code	nchar	10	Yes	370	
SetupLeftFrame	Use		int	4	No	11227	(0)
SetupTopFrame	Use		int	4	No	11227	(0)
SiteBGColour	Background : Color		nVarchar	20	Yes	90 5865	
SiteComboBox	List : Frontpages		bit	1	No	24737 296	(0)

WebStyle

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
SiteDocSearch	Search : Document		bit	1	No	8788 7226	(0)
SiteLanguage	Language		nchar	3	Yes	1675	
SiteLayout	Layout		nVarchar	30	Yes	8722	
SiteName	Web site		nVarchar	65	Yes	325	
SiteTextColour	Text style		nVarchar	20	Yes	277	
TabColorTopFrame	Top frame tab color		nVarchar	20	Yes		
TBGColourTopFrame	Tab : Color		nVarchar	20	Yes	5992 5865	
TBGImageTopFrame	Tab : Left Picture	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	5992 6122 220	
TextAlignment	Text style Align		nchar	10	Yes	277 9858	
TextColourBanner	Color		nVarchar	20	Yes	5865	
TopFrameDocID	Document	BacoDiscussions.ID	uniqueidentifier	16	Yes	7226	
WidthLeftFrame	Width (Pixels)		int	4	No	2701 276	(175)
WSType	Type		int	4	No	3801	(0)

11.6.2 WebContent

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ContentImage	Button Image / Tab Image	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	176 9875/ 5992 9835	
Division	Division		smallint	2	Yes	64	
HTMLText	HTML text		nVarchar	16	Yes		
ID	ID		uniqueidentifier	16	No	31212	(newid())
LeftLinkColor	Text Color		nchar	10	Yes	8893 5865	
LinkAlignment	Text Align		nchar	10	Yes	8893 9858	
LinkFontFace	Text style		nchar	10	Yes	277	
LinkFontSize	Text size		nchar	10	Yes	286	
OrderNr	Sort order		int		No	4458	(0)
SelectButtonImage	Selected Button Image	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	6082 176 9835	(0)
TabColor	Tab Color		nchar	10	Yes	5992 5865	
TabImage	Selected Tab Image	BacoDiscussionStdPictures.ID	uniqueidentifier	16	Yes	6082 5992 9835	
TabSelectedColor	Selected Tab Color		nchar	10	Yes	6082 7515 5865	

WebContent

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
TextColor	Text Color		nchar	10	Yes	8893 5865	
TextFontFace	Text style		nchar	10	Yes	277	
TextFontSize	Text size		nchar	10	Yes	286	
WebFrameObject	Web frame object		nVarchar	20	Yes		
WebFrameType	Web frame type		nVarchar	30	Yes		
WebHLink	Link of Document / News Layout / List Layout / URL		nVarchar	255	Yes		
WebInputLink	Document ID / News Layout / List Layout / URL		nVarchar	255	Yes	29273/ 32264 8722/ 24737 8722/ 11	
WebLinkType	Link Type		int	4	No	2973 3801	(0)
WebSize	Web size		int	4	No		(0)
WebStyleID	Web site ID		uniqueidentifier	16	Yes		
WebTarget	Web target		nVarchar	30	Yes		
WebText	Button / Link Text		nVarchar	20	Yes	176/ 2973 8893	

11.7 Document search

11.7.1 BDViewColumns

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Caption	Caption		nvarchar	60	Yes		
CaptionTermID	Caption term ID		int	4	Yes		
ColumnCount	Column count		int	4	No		
Columns	Columns		nvarchar	500	No		
DataType	Data type		int	4	No		
Description	Description		nvarchar	60	No		
DescriptionSuffix	Description suffix		nvarchar	60	Yes		
DescriptionSuffixTermID	Description suffix term ID		int	4	Yes		
DescriptionTermID	Description term ID		int	4	Yes		
Division	Division		smallint	2	Yes		
ID	ID		int	4	No		
InnerJoin	Inner join		bit	1	Yes		
Joins	Joins		nvarchar	60	Yes		
WorkflowOnly	Workflow only		bit	1	No		

11.8 Documents Master data

11.8.1 BacoDiscussionState

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Description	Description		nvarchar	30	Yes		
Division	Division		smallint	2	Yes		
State	State		int		No		

11.8.2 BacoDiscussionCounts

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Category	Category	BacoDiscussionCategories.Category	nVarchar	30	Yes		
Division	Division		smallint	2	Yes		
GroupID	Group ID	BacoDiscussionGroups.ID	int		No		0
JobLevel	Security level	BacoDiscussion.JobLevel	int		No		0
NewCount	New count		int		No		0
RecCount	total count		int		No		0
SubCategory	Subcategory	BacoDiscussionSubCategories.SubCategory	nVarchar	30	Yes		

11.8.3 BacoDiscussionVersions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Attachment	Attachment		varbinary		Yes		
Body	Body text		nVarchar		Yes		
CheckedOut	Checked out		datetime		Yes		
CheckedOutBy	Checked out by	Humres.Res_ID	int		Yes		
CreatedBy	Created by	Humres.Res_ID	int		No		
CreatedDate	Created		datetime		No		
Division	Division		smallint	2	Yes		
DocumentID	Document ID	BacoDiscussions.ID	uniqueidentifier		No		
Filename	File name		nvarchar	100	Yes		
FPIntroText	Front page intro text		nvarchar	200	Yes		
HID	Human readable ID		int		No		
ID	ID		uniqueidentifier		No		
ModifiedBy	Modified by	Humres.Res_ID	int		Yes		
ModifiedDate	Modified		datetime		No		
StartDate	Start date		datetime		Yes		
Status	Status	BacoDiscussionStates.State	int		No		1
StatusText	Status text		nvarchar	100	Yes		
Subject	Subject		nvarchar	256	No		
Timestamp	Timestamp		timestamp		No		
Version	Version		nVarchar	20	No		
VersionNote	Version note		nVarchar		Yes		

11.8.4 DocumentWords

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Division	Division		smallint	2	Yes		
ID	ID	BacoDiscussion,ID	uniqueidentifier		No		
Word	Word		nVarchar	20	No		

11.8.5 NoiseWords

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Division	Division		smallint	2	Yes	64	
Language	Language		nchar	3	Yes	1675	
syscreated	Created date and time		datetime	8	No		(getdate())
syscreator	Creator	humres.res_id	int	4	No		(0)
sysmodified	Modified date and time		datetime	8	No		(getdate())
sysmodifier	Modifier	humres.res_id	int	4	No		(0)
Word	Word		nVarchar	20	No	774	

11.9 Fulltext index

11.9.1 Words

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ID	ID		int	4	No		
UsedCount	UsedCount		int	4	Yes		(0)
UsedCountAttachments	UsedCountAttachments		int	4	No		(0)
UsedCountDocuments	UsedCountDocuments		int	4	No		(0)
UsedCountRequests	UsedCountRequests		int	4	No		(0)
Word	Word		nvarchar	64	No		

11.9.2 WordReferences

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Entity	Entity		uniqueidentifier	16	No		
EntityType	Entity type		int	4	No		
InAttachmentCount	Used in attachment		int	4	Yes		(0)
InDocCount	Used in document		int	4	Yes		(0)
InSubject	Used in subject		bit	1	Yes		(0)
InSummary	Used in summary		bit	1	Yes		(0)
Language	Language	taal.taalcode	nchar	3	Yes		
Score	Score		int	4	Yes		(0)
SecurityLevel	Security level		int	4	No		(0)
Word	Word	Words.ID	int	4	No		

11.9.3 DocumentReferences

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Document			uniqueidentifier	16	No		
Entity			uniqueidentifier	16	No		
EntityType			int	4	No		

11.9.4 DocumentStatistics

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Document			uniqueidentifier	16	No		
ReferencesIn			int	4	No		(0)
ReferencesOut			int	4	No		(0)
timestamp			timestamp	8	Yes		

11.9.5 WordSynonyms

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Created	Created		datetime		No		
Creator	Creator	humres.res_id	int		No		
ID	ID		int		No		
SynonymGroup	Synonym group		uniqueidentifier		No		
Word	Word	Words.ID	int		No		

11.10 Attachments

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Attachment	Attachment		Varbinary(max)		No		
AttachmentFileExtension	Attachment file extension		nVarchar	10	Yes		
AttachmentFileName	Attachment file name		nVarchar	128	No		
Division	Division		Smallint		Yes		
Entity	Entity		Uniqueidentifier		No		
ID	ID		Uniqueidentifier		No		
VersionID	Version ID		nVarchar	20	Yes		

11.11 Tags

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Created date		Datetime		No		
Division	Division		Smallint		Yes		
ID	ID		Int		No		
Tag	Tag		nVarchar	100	No		
UseCount	Use count		Int		No		0

11.12 DocumentCorporateTags

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedBy	Created by		Int		No		
CreatedDate	Created date & time		Datetime		No		
Division	Division		Smallint		Yes		
DocumentID	Document ID		Uniqueidentifier		No		
DocVersion	Document version		nVarchar	20	Yes		
ID	ID		Int		No		
Tag	Tag		nVarchar	100	No		
TagID	Tag ID		Int		No		

11.13 TagIndividualWeights

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Entity	Entity		Uniqueidentifier		No		
ID	ID		Int		No		
Score	Score		Int		Yes		
TagsCount	Tags count		Int		Yes		
WordID	Word ID		Int		No		

Chapter 12 | Sample SQL queries

12. Sample SQL queries

12.1 Documents

1. Query to retrieve a list of documents created by resource '1':

```
SELECT TOP 10 WITH TIES ID, HID, ModifiedDate, GroupId, Category,
SubCategory, Subject, Filename, CreatedByFullName, CreatedBy, JobLevel, ModifiedDate, Status, CreatedDate,
DATALENGTH(Document), ParentID, OwnerType, Owner, Version
FROM BacoDiscussions
WHERE (CreatedBy = '1')
ORDER BY ModifiedDate DESC
```

2. Query to retrieve a list of documents, for which resource '1' is the owner (so not creator):

```
SELECT TOP 10 WITH TIES ID, HID, ModifiedDate, GroupId, Category, SubCategory,
Subject, Filename, CreatedByFullName, CreatedBy, JobLevel, ModifiedDate,
Status, CreatedDate, DATALENGTH(Document), ParentID, OwnerType, Owner, Version
FROM BacoDiscussions
WHERE ((OwnerType=0 AND Owner = '1'))
ORDER BY ModifiedDate DESC
```

3. Query to retrieve a document count, grouped by main category:

```
SELECT GroupID, BacoDiscussionGroups.Description, Category, SUM(RecCount), SUM(NewCount)
FROM BacoDiscussionCounts
INNER JOIN BacoDiscussionGroups on BacoDiscussionCounts.GroupID = BacoDiscussionGroups.ID
WHERE JobLevel <= '13'
GROUP BY GroupID, BacoDiscussionGroups.Description, Category WITH ROLLUP
ORDER BY BacoDiscussionGroups.Description, GroupID, SUM(RecCount) DESC
```

4. Query to retrieve documents that need approval, ordered by modified date:

```
SELECT TOP 10 WITH TIES ID, HID, ViewDate, GroupId, Category,
SubCategory, Subject, Filename, CreatedByFullName, CreatedBy, JobLevel,
ModifiedDate, Status, CreatedDate, DATALENGTH(Document), ParentID, OwnerType,
Owner, Version
FROM BacoDiscussions
WHERE Status = 20
ORDER BY ModifiedDate DESC
```

5. Query to retrieve the role(s) that can approve a document:

```
SELECT RoleID From BacoDiscussionGRoles
INNER JOIN BacoDiscussionSubCategories
ON BacoDiscussionSubCategories.ID = BacoDiscussionGRoles.SubCategoryID
WHERE BacoDiscussionSubCategories.SubCategory = 'A'
AND BacoDiscussionSubCategories.GroupID='B' AND BacoDiscussionSubCategories.Category='C'
```

6. Query to retrieve document templates:

```
SELECT ID, HID, Subject, Status, ModifiedDate
FROM BacoDiscussions
WHERE IsTemplate=1
```

7. Query to retrieve mail merge templates:

```
SELECT ID, HID, Subject, Status, ModifiedDate
FROM BacoDiscussions
WHERE IsMailMerge=1
```

12.2 Document categories

1. Query to retrieve all main categories and categories:

```
SELECT distinct BacoDiscussionGroups.ID, BacoDiscussionGroups.Description,
BacoDiscussionCategories.Category, BacoDiscussionCategories.ID, BacoDiscussionGroups.GroupIconFileName
FROM BacoDiscussionGroups
LEFT OUTER JOIN BacoDiscussionSubCategories ON BacoDiscussionSubCategories.GroupID = BacoDiscussionGroups.ID
LEFT OUTER JOIN BacoDiscussionCategories ON BacoDiscussionCategories.GroupID = BacoDiscussionGroups.ID
ORDER BY BacoDiscussionGroups.Description, BacoDiscussionGroups.ID, BacoDiscussionCategories.ID
```

2. Query to retrieve all properties of main category '1':

```
SELECT ID, Description, AllowReplies, RestrictedRights, UseItems, UseProductLine, Publish, UseHumResID,
UseCmpWwn, GroupIconFileName, UseLanguageID, UseCompGroup, UseCompany, UseEntryKey, UseVote,
UseItemNumber
FROM BacoDiscussionGroups WHERE ID = '1'
```

12.3 Documents types

1. Query to retrieve the number of documents, per document type, grouped by the document type groups:

```
SELECT BacoDiscussions.Type, COUNT(*), BacoDiscussionFixedTypes.Description
FROM BacoDiscussions
LEFT OUTER JOIN BacoDiscussionFixedTypes ON BacoDiscussionFixedTypes.TypeID = BacoDiscussions.Type
WHERE BacoDiscussionFixedTypes.GroupID = '{use Guid}'
AND BacoDiscussions.status = 30 AND BacoDiscussions.JobLevel <=13
GROUP BY BacoDiscussions.Type, BacoDiscussionFixedTypes.Description
ORDER BY BacoDiscussionFixedTypes.Description
```

2. Query to retrieve all document types, grouped by document type groups:

```
SELECT ID, Description FROM BacoDiscussionFixedGroups ORDER BY Description
```

12.4 Document versions

1. Query to retrieve all versions, of a document:

```
SELECT * FROM BacoDiscussionVersions
WHERE DocumentID='{use GUID}'
ORDER BY Version DESC
```

2. Query to retrieve the active version of a document:

```
SELECT BacoDiscussionVersions.ID, BacoDiscussionVersions.Version from
BacoDiscussionVersions
JOIN BacoDiscussions ON BacoDiscussions.ID = BacoDiscussionVersions.DocumentID
WHERE BacoDiscussionVersions.DocumentID = {use Guid}' AND
BacoDiscussions.Version = BacoDiscussionVersions.Version
```

12.5 Layouts

1. Query to retrieve the frontpage layouts.

```
SELECT BacoDiscussionNewsLayouts.BDLayoutID, BacoDiscussionNewsLayouts.Description,
BacoDiscussionNewsLayouts.Bedrnr
FROM BacoDiscussionNewsLayouts
WHERE BacoDiscussionNewsLayouts.LayoutType = 0
ORDER BY BacoDiscussionNewsLayouts.BDLayoutID
```

2. Query to retrieve the list layouts.

```
SELECT BacoDiscussionNewsLayouts.BDLayoutID, BacoDiscussionNewsLayouts.Description
FROM BacoDiscussionNewsLayouts
WHERE BacoDiscussionNewsLayouts.LayoutType = 1
ORDER BY BacoDiscussionNewsLayouts.BDLayoutID
```

3. Query to retrieve languages linked to the list layout 'JOBS'.

```
SELECT BacoDiscussionLayoutLanguage.Taalcode, taal.oms30_0
FROM BacoDiscussionLayoutLanguage
INNER JOIN taal ON BacoDiscussionLayoutLanguage.Taalcode = taal.taalcode
WHERE BacoDiscussionLayoutLanguage.BDLayoutID = 'JOBS'
ORDER BY taal.taalcode
```

4. Query to retrieve the links made between the frontpage layout, the division and the type of visitors.

```
SELECT ResellerNews.Administration, BacoDiscussionNewsLayouts.Description, ResellerNews.Type, bedryf.bedrnm
FROM ResellerNews
INNER JOIN bedryf ON bedryf.bedrnr = ResellerNews.Administration
INNER JOIN BacoDiscussionNewsLayouts ON BacoDiscussionNewsLayouts.BDLayoutID = ResellerNews.BDLayoutID
ORDER BY ResellerNews.Administration, ResellerNews.Type
```

12.6 Web sites maintenance

1. Query to retrieve web sites configured.

```
SELECT WebStyle.SiteName, WebStyle.IsEnabled, WebStyle.bedrnr, bedryf.bedrnm, WebStyle.DomainName, WebStyle
WSType, Classifications.Description, cisect.ml_desc_0
FROM WebStyle LEFT OUTER JOIN Classifications
ON WebStyle.classification=Classifications.ClassificationID
LEFT OUTER JOIN cisect ON WebStyle.sector=cisect.sct_code
LEFT OUTER JOIN bedryf ON WebStyle.bedrnr=bedryf.bedrnr
ORDER BY WebStyle.ActiveDate
```

2. Query to retrieve the left menu items linked to web site ID '308403F0-2169-48A0-874F-C7643DD7626D'.

```
SELECT WebContent.WebText, WebContent.WebHLink, WebContent.OrderNr, WebContent.WebTarget, WebContent
ContentImage, WebContent.TabColor, WebContent.TextColor, WebContent.TextFontSize, WebContent.TextFontFace,
WebContent.WebLinkType, WebContent.TabSelectedColor, WebContent.WebInputLink, WebContent.TabImage
FROM WebContent
WHERE WebContent.WebStyleID= '308403F0-2169-48A0-874F-C7643DD7626D'
AND WebContent.WebFrameType= 'MEN'
AND WebFrameObject= 'A'
ORDER BY OrderNr
```

12.7 Document search

1. Query to retrieve the view columns for the document search.

```
SELECT BDViewColumns.Description, BDViewColumns.DescriptionTermID, BDViewColumns.DescriptionSuffix,
BDViewColumns.DescriptionSuffixTermID
FROM BDViewColumns
WHERE BDViewColumns.WorkflowOnly = 0
ORDER BY BDViewColumns.Description, BDViewColumns.DescriptionSuffix
```

12.8 Documents masterdata

1. Query to retrieve all noise words.

```
SELECT NoiseWords.Word
FROM NoiseWords
ORDER BY NoiseWords.Word
```

12.9 Fulltext index

1. Query to retrieve all indexed words.

```
SELECT Words.Word
FROM Words
ORDER BY Words.ID
```

2. Query to retrieve a specific indexed word ‘helpdesk’.

```
SELECT Words.Word, Words.ID
FROM Words
WHERE Words.Word IN (‘helpdesk’)
```

3. Query to retrieve documents based on a specific word ID 347.

```
SELECT WordReferences.Entity, WordReferences.Score
FROM WordReferences
WHERE WordReferences.Word = 347
```

4. Query to retrieve the document that contains the reference of entity '49B1D367-E89E-4217-8FFF-1D01BA10BFB8'.

   SELECT DocumentReferences.Document
   FROM DocumentReferences
   WHERE DocumentReferences.Entity = '49B1D367-E89E-4217-8FFF-1D01BA10BFB8'

5. Query to check if the statistic of the document of ID '3D8D08A3-9974-46F6-AA5C-095CB8C00344' exists.

   SELECT DocumentStatistics.Document
   FROM DocumentStatistics
   WHERE DocumentStatistics.Document = '3D8D08A3-9974-46F6-AA5C-095CB8C00344'

6. Query to retrieve synonyms based on GUID of the synonyms group 'B2B43ECE-6198-40DF-9CEF-3BF5871F7CF2' and word's ID 78654.

   SELECT Words.Word, WordSynonyms.SynonymGroup, WordSynonyms.Word
   FROM WordSynonyms
   LEFT OUTER JOIN Words ON WordSynonyms.Word = Words.I
   WHERE WordSynonyms.SynonymGroup = 'B2B43ECE-6198-40DF-9CEF-3BF5871F7CF2'
   AND WordSynonyms.Word = 78654

12.10 Attachments

1. Query to retrieve the attachment that contains the entity '4d7ffa48-3b7c-4acc-97bg-b645b3b93472'.

   SELECT ID, AttachmentFileName, DataLength(Attachment)
   FROM Attachments
   WHERE Entity=' 4d7ffa48-3b7c-4acc-97bg-b645b3b93472'
   ORDER BY AttachmentFileName

12.11 Tags

1. Query to retrieve a tagged document that contains the entity '864c64f6-c28a-4123-81c9-8bc6ba11d801'.

```
SELECT 1
FROM Tags
INNER JOIN TagReferences ON TagReferences.TagID=Tags.ID
WHERE Entity=' 864c64f6-c28a-4123-81c9-8bc6ba11d801' AND Entity AND Tags.Tag=N 'FAQ' AND CreatedBy=37 AND
    Deleted=0
```

12.12 TagReferences

1. Query to retrieve tag references that contains the entity '864c64f6-c28a-4123-81c9-8bc6ba11d801'

```
SELECT Distinct TagID, Tag, Count(*)
FROM TagReferences
WHERE Entity=' 864c64f6-c28a-4123-81c9-8bc6ba11d801' AND EntityType=0 AND Deleted=0
GROUP BY Tag, TagID
ORDER BY Tag
```

12.13 DocumentTypeCorporateTags

1. Query to retrieve document type corporate tags where the type ID is "37"

```
SELECT Tag, ID
FROM DocumentTypeCorporateTags
WHERE TypeID=37
ORDER BY Tag
```

12.14 DocumentCorporateTags

1. Query to retrieve corporate tag that contains the document ID ‘4d7ffa48-3b7c-4acc-97bg-b645b3b93472’.

```
SELECT dct.Tag
FROM DocumentCorporateTags dct
INNER JOIN BacoDiscussions bc ON bc.ID = dct.DocumentID
WHERE dct.DocumentID=’ 4d7ffa48-3b7c-4acc-97bg-b645b3b93472’
ORDER BY dct.Tag
```

12.15 TagIndividualWeights

1. Query to retrieve word index that contains the entity ‘CO897A55-35F5-4F49-AB8A-898A2EE61F18’.

```
SELECT w.word, TagsCount, Score, TIW.WordID
FROM TagIndividualWeights TIW
INNER JOIN Words w on w.ID = TIW.WordID
WHERE Entity = ‘CO897A55-35F5-4F49-AB8A-898A2EE61F18’
```

October 2008

www.exactsoftware.com