

Product Update 394

Database Documentation | System



Exact[®]
software



Product Update 394

Database Documentation | System

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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 e-Synergy. Since the Exact Globe product line and the e-Synergy 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 e-Synergy works and has some knowledge about SQL database structures, but lacks sufficient knowledge and information about the ExactGlobe or e-Synergy 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 version 380. It is Exact Software's intention to keep the documentation up to date with the latest developments.

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Chapter 1 | ItemProcessTypes - Process types

1. ItemProcessTypes - Process types

1.1 General Descriptions

The [ItemProcessTypes] table stores the document category setting for all the process types at system general settings.

Note! The [ItemProcessTypes] table is only used in e-Synergy.

1.2 ItemProcessTypes field details

Description - Description

The [ItemProcessTypes.Description] field stores the description of the process type.

Division - Division

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

DocCategory - Category

The [ItemProcessTypes.DocCategory] field stores the category of the document for the process type.

DocGroup - Group

The [ItemProcessTypes.DocGroup] field stores the category group of the document for the process type.

The [ItemProcessTypes.DocGroup] field refers to the [BacoDiscussionGroups.ID] field.

DocSecurity - Security level

The [ItemProcessTypes.DocSecurity] field stores the security level of the document for the process type.

DocSubCategory - Subcategory

The [ItemProcessTypes.DocSubCategory] field stores the subcategory of the document for the process type.

TaskPrio - Priority

The [ItemProcessTypes.TaskPrio] field stores the priority of the process type. The [ItemProcessTypes.TaskPrio] field refers to the [RequestPriorities.ID] field.

Type - Type

The [ItemProcessTypes.Type] field stores the type of the specific process.



Chapter 2 | Search templates

2. Search templates

The [SearchTemplates] and [SearchTemplateFields] tables are not used.



Chapter 3 | Section 3 KeySets - KeySets



3. KeySets - KeySets

The [KeySets] table is not used.



Chapter 4 | XML Server

4. XML Server

4.1 *XMLTopicDefinitions - XMLTopicDefinitions*

The [XMLTopicDefinitions] table is not used.

4.2 *XMLEvents - XML Events*

4.2.1 General Description

The [XMLEvents] table stores the results of the XML events, which are the scheduled XML import or export that has been performed in batches.

4.2.2 XMLEvents field details

BatchID - Batch

The [XMLEvents.BatchID] field stores the batch ID of the XML import/export.

CompanyCode - Company

The [XMLEvents.CompanyCode] field stores the division code linked to the XML import/export. The [XMLEvents.CompanyCode] field refers to the [Bedryf.Bedmr] field.

DataKey - Key

The [XMLEvents.DataKey] field stores the key of the record.

DataKeyAlt - Alternative key

The [XMLEvents.DataKeyAlt] field stores the alternative key of the record.

Note! This field is only applicable for e-Synergy.NET.

Division - Division

The [XMLEvents.Division] field stores the division code of the current logon. The [XMLEvents.Division] field stores the numeric value of the [Bedryf.Bedmr] field. This field is not used yet. It is added for future functionality.

EventDate - Date

The [XMLEvents.EventDate] field stores the date for which the XML import/export has been performed.

EventDescription - Description

The [XMLEvents.EventDescription] field stores the message raised by the XML import/export.

EventType - Type

The [XMLEvents.EventType] field stores the type of the XML import/export. The possible values are:

Value	Description
0	Error
1	Warning
2	Message
4	Confirmation

HumresID - Resource

The [XMLEvents.HumresID] field stores the ID of the resource for which has performed the XML import/export. The [XMLEvents.HumresID] field refers to the [Humres.Res_ID] field.

ID - ID

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

ImportExport - Source

The [XMLEvents.ImportExport] field stores the source of the XML event. The possible values are:

Value	Description
E	Export
I	Import

Node - Node

The [XMLEvents.Node] field stores the XML node involved in the XML import/export.

Topic - Topic

The [XMLEvents.Topic] field stores the XML topic involved in the XML import/export.

XMLNode - XML node

The [XMLEvents.XMLNode] field stores the whole node with containing data where the XML event occurred in. Note! This field is only applicable for e-Synergy.NET.



Chapter 5 | Relation tables

5. Relation tables

The [GUIDRelations], [StringRelations] and [IntegerRelations] tables are not used.



Chapter 6 | BacoSettings - BacoSettings

6. BacoSettings - BacoSettings

6.1 General description

The [BacoSettings] table stores all the system settings defined by users, company settings, as well as division-specific settings.BacoSettings field details.

6.2 BacoSettings field details

DateValue - Date

The [BacoSettings.DateValue] field stores the date defined for the system settings when [BacoSettings.ValueType] equals to 3.

Division - Division

The [BacoSettings.Division] field stores the division code. This division code is the division which a contract parameter is created for in the system. The [BacoSettings.Division] refers to the [ContractParameters.Division] field. For other settings, [BacoSettings.Division] is not used currently.

DoubleValue - Value

The [BacoSettings.DoubleValue] field stores the numeric values when [BacoSettings.ValueType] equals to 2.

LongValue - Value

The [BacoSettings.LongValue] field stores the integer values when [BacoSettings.ValueType] equals to 1.

SettingGroup - Setting Group

The [BacoSettings.SettingGroup] field stores the setting groups based on the various setting types. For example, for a user setting type, several setting groups can be used to group the settings. In this scenario, setting groups based on the user names are used. This field is not functionally used at this moment.

SettingName - Name

The [BacoSettings.SettingName] field stores the setting name.

SettingType - Type

The [BacoSettings.SettingType] field stores the setting types. The [BacoSettings.SettingType] field can store one of the following values:

Value	Description
0	General
1	Division
2	User
8	Customer

StringValue - Value

The [BacoSettings.StringValue] field stores the string values when [BacoSettings.ValueType] equals to 0.

ValueType - Type

The [BacoSettings.ValueType] field stores a number that indicates the types of value. The [BacoSettings.ValueType] field can store one of the following values:

Value	Description
0	String
1	Integer
2	Numeric
3	Date
4	XML

XMLValue - XML Value

The [BacoSettings.XMLValue] field generally stores the XML values for webparts settings.



Chapter 7 | BacoSettings - BacoSettings

7. TaxSchedule - Tax schedule

7.1 General description

The [TaxSchedule] table stores information of taxes that will be used for tax calculations.

7.2 TaxSchedule field details

Account - Account

The [TaxSchedule.Account] field stores the main identifying code for the account. The [TaxSchedule.Account] field is the reference field for almost all the tables that need a reference to the [TaxSchedule] table.

AccountClassification - Account classification

The [TaxSchedule.AccountClassification] field stores the classification code of the account. This can be an account type specific or general classification. This field is similar to the [CICMPY.ClassificationID].

City - City

The [TaxSchedule.City] field stores the city code of the tax schedule.

CompanyCode - Company code

The [TaxSchedule.CompanyCode] field stores the code of the company.

Country - Country

The [TaxSchedule.Country] field stores the country code of the tax schedule.

County - County

The [TaxSchedule.County] field stores the county code of the tax schedule.

Division - Division

The [TaxSchedule.Division] field stores the division code of the company.

ID - ID

The [TaxSchedule.ID] field stores the ID of the tax schedule.

ItemClass - Item class

The [TaxSchedule.ItemClass] field stores the additional information for the item the tax schedule. This makes it possible to define specific properties for the item.

ItemCode - Item code

The [TaxSchedule.ItemCode] field stores the code of the item that is taxable.

Postcode - Postcode

The [TaxSchedule.Postcode] field stores the postcode of the tax schedule.

State - State

The [TaxSchedule.State] field stores the state code of the tax schedule.

SysCreated - System created date and time

The [TaxSchedule.SysCreated] field stores the system creation date and time of the tax schedule.

SysCreator - System creator

The [TaxSchedule.SysCreator] field stores the ID of the user who created the tax schedule.

Sysguid - Sysguid

The [TaxSchedule.Sysguid] field stores the Guid ID field generated by the system upon creation of the accounts.

SysModified - System modified date and time

The [TaxSchedule.SysModified] field stores the system modification date and time of the tax schedule.

SysModifier - System modifier

The [TaxSchedule.SysModifier] field stores the ID of the user to modified the tax schedule.

TaxCode1 - Tax code 1

The [TaxSchedule.TaxCode1] field stores the tax code 1 of the tax schedule.

TaxCode2 - Tax code 2

The [TaxSchedule.TaxCode2] field stores the tax code 2 of the tax schedule.

TaxCode3 - Tax code 3

The [TaxSchedule.TaxCode3] field stores the tax code 3 of the tax schedule.

TaxCode4 - Tax code 4

The [TaxSchedule.TaxCode4] field stores the tax code 4 of the tax schedule.

TaxCode5 - Tax code 5

The [TaxSchedule.TaxCode5] field stores the tax code 5 of the tax schedule.

TaxItemClassification - Tax item classification

The [TaxSchedule.TaxItemClassification] field stores the classification code of the items that will be taxed.

TaxPerUnit1 - Tax per unit 1

The [TaxSchedule.TaxPerUnit1] field stores the tax percentage of [TaxSchedule.TaxCode1] that will be taxable for each unit of the item.

TaxPerUnit2 - Tax per unit 2

The [TaxSchedule.TaxPerUnit2] field stores the tax percentage of [TaxSchedule.TaxCode2] that will be taxable for each unit of the item.

TaxPerUnit3 - Tax per unit 3

The [TaxSchedule.TaxPerUnit3] field stores the tax percentage of [TaxSchedule.TaxCode3] that will be taxable for each unit of the item.

TaxPerUnit4 - Tax per unit 4

The [TaxSchedule.TaxPerUnit4] field stores the tax percentage of [TaxSchedule.TaxCode4] that will be taxable for each unit of the item.

TaxPerUnit5 - Tax per unit 5

The [TaxSchedule.TaxPerUnit5] field stores the tax percentage of [TaxSchedule.TaxCode5] that will be taxable for each unit of the item.

Timestamp - Timestamp

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

Type - Type

The [TaxSchedule.Type] field stores the transaction type of the tax schedule.

Value	Description
P	Purchase
S	Sales
B	Both



Chapter 8 | Territories - Territories

8. Territories - Territories

8.1 General description

The [Territories] table stores information of the territories whereby sales employees can also be linked to the territories.

8.2 Territories field details

Description - Description

The [Territories.Description] field stores the main description of the territory.

Description_0 - Description 0

The [Territories.Description_0] field stores the first optional description for the territory.

Description_1 - Description 1

The [Territories.Description_1] field stores the second optional description for the territory.

Description_2 - Description 2

The [Territories.Description_2] field stores the third optional description for the territory.

Description_3 - Description 3

The [Territories.Description_3] field stores the fourth optional description for the territory.

Description_4 - Description 4

The [Territories.Description_4] field stores the fifth optional description for the territory.

ID - ID

The [Territories.ID] field stores the ID of the territory.

Syscreated - System created date and time

The [Territories.Syscreated] field stores the system created date and time for the territory.

Syscreator - System creator

The [Territories.Syscreator] field stores the ID of the user who created the territory.

Sysguid - Sysguid

The [Territories.Sysguid] field stores the Guid ID field generated by the system upon creation of the territory.

Sysmodified - System modified date and time

The [Territories.Sysmodified] field stores the system modification date and time for the territory.

Sysmodifier - System modifier

The [Territories.Sysmodifier] field stores the ID of the user who modified the territory.

TerritoryCode - Territory code

The [Territories.TerritoryCode] field stores the code of the territory.



Chapter 9 | IncoTermCodes - Incoterm codes

9. IncoTermCodes - Incoterm codes

9.1 General description

The [IncoTermCodes] table stores the codes and descriptions of the Incoterms.

9.2 IncoTermCodes field details

Active - Active

The [IncoTermCodes.Active] field indicates whether the Incoterm code is active. The value "1" indicates that the Incoterm code is active. The value "0" indicates that the Incoterm code is inactive.

Code - Code

The [IncoTermCodes.Code] field stores the code of the Incoterm.

Description - Description

The [IncoTermCodes.Description] field stores the description of the Incoterm code.

ID - ID

The [IncoTermCodes.ID] field contains a unique identifier (ID) for each transaction line in the [IncoTermCodes] table. This field is not functionally used.

Syscreated - System created date and time

The [IncoTermCodes.Syscreated] field stores the date and time the Incoterm code was created.

Syscreator - Creator

The [IncoTermCodes.Syscreator] field stores the ID of the resource who created the Incoterm code. The [IncoTermCodes.Syscreator] field refers to the [Humres.Res_ID] field.

Sysguid - System guid

The [IncoTermCodes.Sysguid] field stores the GuidID generated by the system upon creation of the Incoterm code.

Sysmodified - System modified date and time

The [IncoTermCodes.Sysmodified] field stores the date and time the Incoterm code was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [IncoTermCodes.Sysmodifier] field stores the ID of the resource who last modified the Incoterm code. Initially, this field contains the creator that is stored in the [IncoTermCodes.Syscreator] field. The [IncoTermCodes.Sysmodifier] field refers to the [Humres.Res_ID] field.



Chapter 10 | IncoTermProperties - Incoterm properties

10. IncoTermProperties - Incoterm properties

10.1 General description

The [IncoTermProperties] table stores the properties of the Incoterm for the selected Incoterm code whereby there can be many Incoterm properties for one Incoterm code. The [IncoTermProperties] table stores the additional Incoterm codes for the selected [IncoTermCodes.Code] field.

10.2 IncoTermProperties field details

Code - Code

The [IncoTermProperties.Code] field stores the code of the Incoterm property.

Description - Description

The [IncoTermProperties.Description] field stores the description of the Incoterm property.

ID - ID

The [IncoTermProperties.ID] field contains a unique identifier (ID) for each transaction line in the [IncoTermProperties] table. This field is not functionally used.

ParentCode - Parent code

The [IncoTermProperties.ParentCode] field stores the code of the parent Incoterm code. This field refers to the [IncoTermCodes.Code] field.

Syscreated - Created date and time

The [IncoTermProperties.Syscreated] field stores the date and time the Incoterm property was created.

Syscreator - Creator

The [IncoTermProperties.Syscreator] field stores the ID of the resource who created the Incoterm property.

The [IncoTermProperties.Syscreator] field refers to the [Humres.ID] field.

Sysguid - System GUID

The [IncoTermProperties.Sysguid] field stores the GuidID generated by the system upon creation of the Incoterm property.

Sysmodified - Modified date and time

The [IncoTermProperties.Sysmodified] field stores the date and time the Incoterm property was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [IncoTermProperties.Sysmodifier] field stores the ID of the resource who last modified the Incoterm property. Initially, this field contains the creator that is stored in the [IncoTermProperties.Syscreator] field. The [IncoTermProperties.Sysmodifier] field refers to the [Humres.ID] field



Chapter 11 | BacoFunctionRoles - Function roles

11. BacoFunctionRoles - Function roles

11.1 General description

The [BacoFunctionRoles] table stores the roles that are linked to the function rights.

11.2 BacoFunctionRoles field details

Division - Division

The [BacoFunctionRoles.Division] field stores the division code of the current logon. The [BacoFunctionRoles.Division] field stores the numeric value of the [Bedryf.Bedmr] field. The [BacoFunctionRoles.Division] field is not used yet. The [BacoFunctionRoles.Division] field is added for future functionality.

FunctionID - FunctionID

The [BacoFunctionRoles.FunctionID] field stores the ID of the function in which the role is linked to. The [BacoFunctionRoles.FunctionID] field refers to the [BacoFunctions.ID] field.

ID - ID

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

RoleID - Role

The [BacoFunctionRoles.RoleID] field stores the ID of the role that is linked to the function. The [BacoFunctionRoles.RoleID] field refers to the [HRRoleDefs.ID] field.

RoleLevel - Level

The [BacoFunctionRoles.RoleLevel] field stores the level of rights assigned to the role of the function. The [BacoFunctionRoles.RoleLevel] field refers to the [HRRoleLevels.ID] field.



Chapter 12 | EDIItemReferences - EDI item references

12. EDIItemReferences - EDI item references

12.1 General description

The [EDIItemReferences] table stores the customer item cross reference information. Information is required for cross referencing the trading partner's item information and the item information maintained in **Exact Globe**.

12.2 EDIItemReferences field details

AccountingUOM - Accounting unit of measure

The [EDIItemReferences.AccountingUOM] field stores the unit of measurement used in **Exact Globe**.

CasePackQty - Case pack quantity

The [EDIItemReferences.CasePackQty] field stores the quantity of the item that is packed in one case.

CustomerItemCode - Customer item code

The [EDIItemReferences.CustomerItemCode] field stores the item code of the customer.

Debcode - Debtor code

The [EDIItemReferences.Debcode] field stores the code of the customer.

EDIUOM - EDI unit of measure

The [EDIItemReferences.EDIUOM] field stores the unit of measurement used by the customer in the purchase order.

ID - ID

The [EDIItemReferences.ID] field contains a unique identifier (ID) for each customer item cross reference in the [EDIItemReferences] table. This field is not functionally used.

InboundOperator - Inbound operator

The [EDIItemReferences.InboundOperator] field stores the inbound operator used to calculate against the [EDIItemReferences.InboundOperator] field when processing inbound documents.

ItemCode - Item code

The [EDIItemReferences.ItemCode] field stores code of the item.

ItemQualifier - Item qualifier

The [EDIItemReferences.ItemQualifier] field stores the code of the item qualifier.

OutboundOperator - Outbound operator

The [EDIItemReferences.OutboundOperator] field stores the outbound operator used to calculate against the [EDIItemReferences.UnitFactor] field when processing outbound documents.

Syscreated - Created date and time

The [EDIItemReferences.Syscreated] field stores the date and time the customer item cross reference information was created.

Syscreator - Creator

The [EDIItemReferences.Syscreator] field stores the ID of the resource who created the customer item cross reference information. The [EDIItemReferences.Syscreator] field refers to the [Humres.ID] field.

Sysguid - System GUID

The [EDIItemReferences.Sysguid] field stores the GuidID generated by the system upon creation of the customer item cross reference information.

Sysmodified - Modified date and time

The [EDIItemReferences.Sysmodified] field stores the date and time the customer item cross reference information was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [EDIItemReferences.Sysmodifier] field stores the ID of the resource who last modified the customer item cross reference information. Initially, this field contains the creator that is stored in the [EDIItemReferences.Syscreator] field. The [EDIItemReferences.Sysmodifier] field refers to the [Humres.ID] field.

UnitFactor - Unit factor

The [EDIItemReferences.UnitFactor] field stores the conversion factor of the item.

Warehouse - Warehouse

The [EDIItemReferences.Warehouse] field stores the warehouse of the item.



Chapter 13 | E-Charge tables

13. E-Charge tables

The E-Charge tables store the setup charges for the sales lines or headers that are applied automatically to the sales entry (quotations, sales orders, or sales invoices).

13.1 Charges - Charges

13.1.1. General description

The [Charges] table stores the general information of the charges or discounts for sales orders and sales invoices. This is the master table.

13.1.2. Charges field details

Active - Active

The [Charges.Active] field indicates whether the discount or charge is active or inactive. The value "1" indicates that the discount or charge is active. The value "0" indicates that the discount or charge is inactive.

ChargeCode - Charge code

The [Charges.ChargeCode] field stores the code of the charge or discount. This code is unique.

ChargeType - Charge type

The [Charges.ChargeType] field indicates the type of charge. The [Charges.ChargeType] field stores the following values:

Value	Description
C	Charge
S	SAC code

ConditionID - Condition ID

The [Charges.ConditionID] field stores the ID of the condition for the discount or charge.

Currency - Currency

The [Charges.Currency] field stores the currency of the discount or charge.

Description - Description

The [Charges.Description] field stores the name of the charge or discount.

ExcludePaymentCondition - Exclude payment condition

The [Charges.ExcludePaymentCondition] field indicates whether to exclude the payment condition from the settlement discount. The value "1" indicates that the settlement discount is excluded from the payment condition. The value "0" indicates that the settlement discount is included in the payment condition.

FinancialEntriesOnFulfillment - Financial entries on fulfillment

The [Charges.FinancialEntriesOnFulfillment] field stores the financial entries upon fulfillment of the sales order.

ID - ID

The [Charges.ID] field stores field contains a unique identifier (ID) for each charges or discounts information in the [Charges] table. This field is not functionally used.

IsSac - Is SAC

The [Charges.IsSac] field indicates whether the charge is "SAC" or "eCharge".

ItemGroup - Item group

The [Charges.ItemGroup] field stores the item group whereby general accounts linked to this item group will be used for invoicing and fulfillment.

LineCondition - Line condition

The [Charges.LineCondition] field indicates the condition of the charge line. The [Charges.LineCondition] field stores one of the values such as "ItemGroup" or "ItemCode".

LineType - Line type

The [Charges.LineType] field indicates the line type of the sales order or sales invoice. The [Charges.LineType] field stores the following values:

Value	Description
H	Header
L	Line

Syscreated - Created date and time

The [Charges.Syscreated] field stores the date and time the charge or discount was created.

Syscreator - Creator

The [Charges.Syscreator] field stores the ID of the resource who created the charge or discount. The [Charges.Syscreator] field refers to the [Humres.ID] field.

Sysguid - System GUID

The [Charges.Sysguid] field stores the GuidID generated by the system upon creation of the charge or discount.

Sysmodified - Modified date and time

The [Charges.Sysmodified] field stores the date and time the charge or discount was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [Charges.Sysmodifier] field stores the ID of the resource who last modified the charge or discount. Initially, this field contains the creator that is stored in the [Charges.Syscreator] field. The [Charges.Sysmodifier] field refers to the [Humres.ID] field.

VATCode - VAT code

The [Charges.VATCode] field stores the code of the VAT.

VATMethod - VAT method

The [Charges.VATMethod] field indicates the VAT method for the discount or charge. The [Charges.VATMethod] field stores the following values:

Value	Description
I	Item line
C	Charge

13.2 ChargeConditions - Charge conditions

13.2.1 General description

The [ChargeConditions] table stores the conditions for each charge or discount.

13.2.2 ChargeConditions field details

ActionType - Action type

The [ChargeConditions.ActionType] field indicates the type of calculation used for the charge or discount. The [ChargeConditions.ActionType] field stores the following values:

Value	Description
F	Fix amount
P	Percentage
U	Unit

ChargeCode - ChargeCode

The [ChargeConditions.ChargeCode] field stores the code of the charge or discount. This code is unique.

DateValue - Date value

The [ChargeConditions.DateValue] field stores the date value of the charge condition such as sales date and other dates.

DoubleValue - Double value

The [ChargeConditions.DoubleValue] field stores the double value of the charge condition such as the sales amount and other values.

Field - Field

The [ChargeConditions.Field] field stores the condition field such as invoice debtor, delivery debtor, country, and others.

ID - ID

The [ChargeConditions.ID] field stores field contains a unique identifier (ID) for each charge or discount condition in the [ChargeConditions] table. This field is not functionally used.

Percentage - Percentage

The [ChargeConditions.Percentage] field stores the percentage to be charged on top of the net sales price.

StringValue - String value

The [ChargeConditions.StringValue] field stores the condition value such as debtor code 60013, debtor code 60014, country US, and others.

Syscreated - Created date and time

The [ChargeConditions.Syscreated] field stores the date and time the charge or discount condition was created.

Syscreator - Creator

The [ChargeConditions.Syscreator] field stores the ID of the resource who created the charge or discount condition. The [ChargeConditions.Syscreator] field refers to the [Humres.ID] field.

Sysguid - System GUID

The [ChargeConditions.Sysguid] field stores the GuidID generated by the system upon creation of the charge or discount condition.

Sysmodified - Modified date and time

The [ChargeConditions.Sysmodified] field stores the date and time the charge or discount condition was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [ChargeConditions.Sysmodifier] field stores the ID of the resource who last modified the charge or discount condition. Initially, this field contains the creator that is stored in the [ChargeConditions.Syscreator] field. The [ChargeConditions.Sysmodifier] field refers to the [Humres.ID] field.

UnitPrice - Unit price

The [ChargeConditions.UnitPrice] field stores the price per unit of the item.

WeightFactor - Weight factor

The [ChargeConditions.WeightFactor] field stores the weight factor for the unit quantity of the item.

13.3 ChargeTransactions - Charge transactions

13.3.1 General description

The [ChargeTransactions] table stores the charge or discount information that refers to a specific line in the sales order or sales invoice.

13.3.2 ChargeTransactions field details

ActionType - Action type

The [ChargeTransactions.ActionType] field indicates the type of calculation used for the charge or discount. The [ChargeTransactions.ActionType] field stores the following values:

Value	Description
F	Fix amount
P	Percentage
U	Unit

ChargeAmount - Charge amount

The [ChargeTransactions.ChargeAmount] field stores the charge amount of the item in the order.

ChargeCode - ChargeCode

The [ChargeTransactions.ChargeCode] field stores the code of the charge or discount. This code is unique.

ID - ID

The [ChargeTransactions.ID] field stores field contains a unique identifier (ID) for each charge or discount information of the order in the [ChargeTransactions] table. This field is not functionally used.

NetPrice - Net price

The [ChargeTransactions.NetPrice] field stores the net price of the item in the order.

ParentID - Parent ID

The [ChargeTransactions.ParentID] field indicates whether the charge transaction refers to the [fksrg.sysguid] field (invoice line sysguid) or [orsrg.sysguid] field (order line sysguid).

Percentage - Percentage

The [ChargeTransactions.Percentage] field stores the percentage to be charged on top of the net sales price in the order.

Quantity - Quantity

The [ChargeTransactions.Quantity] field stores the quantity of the item in the order.

SequenceNumber - Sequence number

The [ChargeTransactions.SequenceNumber] field stores the sequence number of the charge or discount.

Syscreated - Created date and time

The [ChargeTransactions.Syscreated] field stores the date and time the charge or discount information for the order was created.

Syscreator - Creator

The [ChargeTransactions.Syscreator] field stores the ID of the resource who created the charge or discount information for the order. The [ChargeTransactions.Syscreator] field refers to the [Humres.ID] field.

Sysguid - System GUID

The [ChargeTransactions.Sysguid] field stores the GuidID generated by the system upon creation of the charge or discount information for the order.

Sysmodified - Modified date and time

The [ChargeTransactions.Sysmodified] field stores the date and time the charge or discount information for the order was last modified. Initially, this field contains the creation date and time.

Sysmodifier - Modifier

The [ChargeTransactions.Sysmodifier] field stores the ID of the resource who last modified the charge or discount information for the order. Initially, this field contains the creator that is stored in the [ChargeTransactions.Syscreator] field. The [ChargeTransactions.Sysmodifier] field refers to the [Humres.ID] field.

TaxAmount2 - Tax amount 2

The [ChargeTransactions.TaxAmount2] field stores the additional VAT amount of the charge or discount for the item in the order.

TaxAmount3 - Tax amount 3

The [ChargeTransactions.TaxAmount3] field stores the additional VAT amount of the charge or discount for the item in the order.

TaxAmount4 - Tax amount 4

The [ChargeTransactions.TaxAmount4] field stores the additional VAT amount of the charge or discount for the item in the order.

TaxAmount5 - Tax amount 5

The [ChargeTransactions.TaxAmount5] field stores the additional VAT amount of the charge or discount for the item in the order.

TaxBasis2 - Tax basis 2

The [ChargeTransactions.TaxBasis2] field stores the additional VAT basis of the charge or discount for the item in the order.

TaxBasis3 - Tax basis 3

The [ChargeTransactions.TaxBasis3] field stores the additional VAT basis of the charge or discount for the item in the order.

TaxBasis4 - Tax basis 4

The [ChargeTransactions.TaxBasis4] field stores the additional VAT basis of the charge or discount for the item in the order.

TaxBasis5 - Tax basis 5

The [ChargeTransactions.TaxBasis5] field stores the additional VAT basis of the charge or discount for the item in the order.

TaxCode2 - Tax code 2

The [ChargeTransactions.TaxCode2] field stores the additional VAT code of the charge or discount for the item in the order.

TaxCode3 - Tax code 3

The [ChargeTransactions.TaxCode3] field stores the additional VAT code of the charge or discount for the item in the order.

TaxCode4 - Tax code 4

The [ChargeTransactions.TaxCode4] field stores the additional VAT code of the charge or discount for the item in the order.

TaxCode5 - Tax code 5

The [ChargeTransactions.TaxCode5] field stores the additional VAT code of the charge or discount for the item in the order.

VATAmount - VAT amount

The [ChargeTransactions.VATAmount] field stores the VAT amount of the charge or discount for the item in the order.

VATBasis - VAT basis

The [ChargeTransactions.VATBasis] field stores the VAT basis of the charge or discount for the item in the order.

VATCode - VAT code

The [ChargeTransactions.VATCode] field stores the VAT code of the charge or discount for the item in the order.

WeightFactor - Weight factor

The [ChargeTransactions.WeightFactor] field stores the weight factor for the unit quantity of the item in the order.

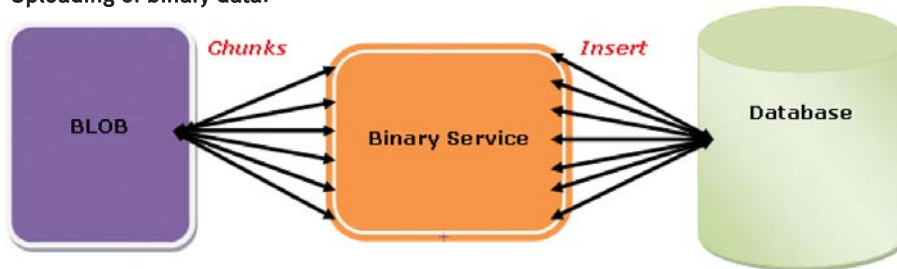


Chapter 14 | Binary Messages tables

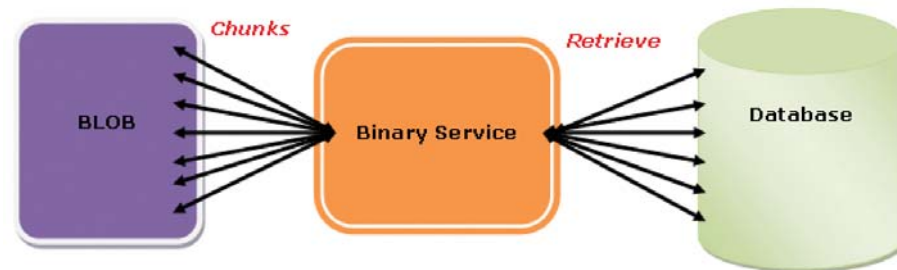
14. Binary Messages tables

Several tables based on binary large object (BLOB) are introduced in Exact Globe. BLOB is a large photo, document, audio, and many others that you want to be saved in the database. However, the BLOB may be very large and if you try to move it in one piece it will consume a lot of system memory which will affect application performance. Thus to reduce the amount of system memory used, the BLOB must be broken down into smaller pieces called chunk. Therefore, the Binary Service is required to split the BLOB into chunks and send it via web services to be updated to the database. To retrieve BLOB from the database, the binary data must be retrieved in chunks until all the binary data is retrieved from the database.

Uploading of binary data:



Downloading of binary data:



14.1 *BinaryIncomingMessages* - Binary incoming messages

14.1.1 General description

The [BinaryIncomingMessages] table stores the details of the binary message header for the upload of binary data to the binary service component. This includes creating, saving, and updating of binary large object (BLOB).

14.1.2 BinaryIncomingMessages field details

CreatedDate - Created date

The [BinaryIncomingMessages.CreatedDate] field stores the date and time the binary message header for upload was created.

MessageID - Message ID

The [BinaryIncomingMessages.MessageID] field stores the ID of the binary message header for upload.

Transferred - Transferred

The [BinaryIncomingMessages.Transferred] field determines whether the binary data chunks from the [BinaryIncomingChunks.Data] field are combined successfully. The value "1" means that the binary data chunks are combined successfully and value "0" means that the binary data chunks are not combined successfully.

Note! Currently this field is not used.

14.2 *BinaryOutgoingMessages* - Binary outgoing messages

14.2.1 General description

The [BinaryOutgoingMessages] table stores the details of the message header for the download of binary data to the binary service component. This includes retrieving of binary large object (BLOB).

14.2.2 BinaryOutgoingMessages field details

CreatedDate - Created date

The [BinaryOutgoingMessages.CreatedDate] field stores the date and time the binary message header for download was created.

MessageID - Message ID

The [BinaryOutgoingMessages.MessageID] field stores the ID of the binary message header for download.

14.3 *BinaryIncomingChunks* - Binary incoming chunks

14.3.1 General description

The [BinaryIncomingChunks] table stores the details of the binary data chunks for uploading.

14.3.2 BinaryIncomingChunks field details

CreatedDate - Created date

The [BinaryIncomingChunks.CreatedDate] field stores the date and time the binary data chunks for upload were created.

Data - Data

The [BinaryIncomingChunks.Data] field stores the data of the binary data chunks for upload.

MessageID - Message ID

The [BinaryIncomingChunks.MessageID] field stores the ID of the binary data chunks for upload.

Sequence - Sequence

The [BinaryIncomingChunks.Sequence] field stores the sequence of the binary data chunks that will be uploaded.

14.4 *BinaryOutgoingChunks* - Binary outgoing chunks

14.4.1 General description

The [BinaryOutgoingChunks] table stores the details of the binary data chunks for downloading.

14.4.2 BinaryOutgoingChunks field details

CreatedDate - Created date

The [BinaryOutgoingChunks.CreatedDate] field stores the date and time the binary data chunks for download were created.

Data - Data

The [BinaryOutgoingChunks.Data] field stores the data of the binary data chunks for download.

MessageID - Message ID

The [BinaryOutgoingChunks.MessageID] field stores the ID of the binary data chunks for download.

Sequence - Sequence

The [BinaryOutgoingChunks.Sequence] field stores the sequence of the binary data chunks that will be downloaded.

14.5 *SessionContext*

14.5.1 General description

The [SessionContext] table stores the data replication information of the systems whereby the data is taken from one system and then transformed and mapped into a new system. Thus the [SessionContext] table can retrieve entities in bulk.

14.5.2 SessionContext field details

EntityName - Entity name

The [SessionContext.EntityName] field stores the name of the entity that is being retrieved.

ID - ID

The [SessionContext.ID] field stores the session ID for the retrieval process.

LastAccessedDate - Last accessed date

The [SessionContext.LastAccessedDate] field stores the timestamp for the last accessed date of the set.

LastKeyRetrieved - Last key retrieved

The [SessionContext.LastKeyRetrieved] field stores the value of the lastkey to be used in the next process to retrieve the remaining values of the session.

Query - Query

The [SessionContext.Query] field stores the SQL statement for filtering purposes.



Chapter 15 | Relation tables

15. Field properties

This section will give a technical overview of the database fields and the way they are used. If the field described has a reference to another table or field, the referenced field is also mentioned.

15.1 ItemProcessTypes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Description	Description		nvarchar	60	Yes	4243	
Division	Division		smallint		Yes	64	
DocCategory	Category		nvarchar	30	Yes	1205	
DocGroup	Group	BacoDiscussionGroups.ID	int		Yes	2560	
DocSecurity	Security level		int		No	209	(10)
DocSubCategory	Subcategory		nvarchar	30	Yes	83	
TaskPrio	Priority	RequestPriorities.ID	int		No	3217	(3)
Type	Type		int		No	3801	

15.2 XML Server

15.2.1 XMLEvents

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
BatchID	Batch		int		No	4007	
CompanyCode	Company	bedryf.bednr	char	3	No	9608	
DataKey	Key		varchar	40	Yes	5330	
DataKeyAlt	Alternative key		varchar	40	Yes		
Division	Division		smallint		Yes		
EventDate	Date		datetime		No	8516	getdate()
EventDescription	Description		varchar	1000	Yes	4243	
EventType	Type		int		No	3801	
HumresID	Resource	humres.res_id	int		No	12	
ID	ID		uniqueidentifier		No	31212	newid()
ImportExport	Source		char	1	Yes		
Node	Node		varchar	30	Yes	0	
Topic	Topic		varchar	30	Yes	7062	
XMLNode	XML node		text		Yes		

15.3 BacoSettings

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
DateValue	Date		datetime		Yes		
Division	Division	ContractParameters.Division	smallint		Yes		
DoubleValue	Value		float		Yes		
LongValue	Value		int		Yes		
SettingGroup	Setting Group		char	40	No		
SettingName	Name		varchar	60	No		
SettingType	Type		int		No		(0)
StringValue	Value		char	255	Yes		
ValueType	Type		int		No		(0)
XMLValue	XML Value		text		Yes		

15.4 TaxSchedule

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Account	Account		Uniqueidentifier	16	Yes		
AccountClassification	Account classification		Char	3	Yes	35923	
City	City		Varchar	100	Yes		
CompanyCode	Company code		Char	3	Yes		
Country	Country		Char	3	Yes		
County	County		Varchar	100	Yes		
Division	Division		Smallint	2	Yes		
ID	ID		Int	4	No		
ItemClass	Item class		Varchar	30	Yes	222	
ItemCode	Item code		Varchar	30	Yes		
Postcode	Postcode		Char	20	Yes		
State	State		Char	3	Yes		
Syscreated	System created date & time		Datetime	8	No		
Syscreator	System creator		Int	4	No		
Sysguid	Sysguid		Uniqueidentifier	16	No		
Sysmodified	System modified date & time		Datetime	8	No		
Sysmodifier	System modifier		Int	4	No		
TaxCode1	Tax code 1		Char	3	No		

TaxSchedule

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
TaxCode2	Tax code 2		Char	3	Yes		
TaxCode3	Tax code 3		Char	3	Yes		
TaxCode4	Tax code 4		Char	3	Yes		
TaxCode5	Tax code 5		Char	3	Yes		
TaxItemClassification	Tax item classification		Int	4	Yes		
TaxPerUnit1	Tax per unit 1		Float	8	Yes		
TaxPerUnit2	Tax per unit 2		Float	8	Yes		
TaxPerUnit3	Tax per unit 3		Float	8	Yes		
TaxPerUnit4	Tax per unit 4		Float	8	Yes		
TaxPerUnit5	Tax per unit 5		Float	8	Yes		
Timestamp	Timestamp		Timestamp	8	No		
Type	Type		Char	1	Yes		

15.5 Territories

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Description	Description		Varchar	60	No	4243	
Description_0	Description 0		Varchar	60	Yes	4243	
Description_1	Description 1		Varchar	60	Yes	4243	
Description_2	Description 2		Varchar	60	Yes	4243	
Description_3	Description 3		Varchar	60	Yes	4243	
Description_4	Description 4		Varchar	60	Yes	4243	
ID	ID		Int		No		
Syscreated	System created date & time		Datetime	8	No		
Syscreator	System creator		Int	4	No		0
Sysguid	System GUID		Uniqueidentifier	16	No		
Sysmodified	System modified date & time		Datetime	8	No		
Sysmodifier	System modifier		Int	4	No		0
TerritoryCode	Territory code		Char	5	No	36158	

15.6 IncoTermCodes

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Active	Active		Bit	1	No		1
Code	Code		Char	3	No		
Description	Description		Varchar	60	Yes		
ID	ID		Int		No		
Syscreated	Created date & time		Datetime		No		
Syscreator	Creator		Int		No		0
Sysguid	System GUID		Uniqueidentifier		No		
Sysmodified	Modified date & time		Datetime		No		
Sysmodifier	Modifier		Int		No		0

15.7 IncoTermProperties

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Code	Code		Varchar	60	No		
Description	Description		Varchar	60	Yes		
ID	ID		Int		no		
ParentCode	Parent code		Char	3	No		
Syscreated	Created date & time		Datetime		No		
Syscreator	Creator		Int		No		0
Sysguid	System GUID		Uniqueidentifier		No		
Sysmodified	Modified date & time		Datetime		No		
Sysmodifier	Modifier		Int		No		0

15.8 BacoFunctionRoles

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Division	Division		Smallint		Yes		
FunctionID	Function	BacoFunctions.ID	Int		No		
ID	ID		Uniqueidentifier		No		
RoleID	Role	HRRoleDefs.ID	Int		No		
RoleLevel	Level	HRRoleLevels.ID	Int		No		

15.9 EDIItemReferences

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
AccountingUOM	Accounting unit of measure		Char	8	Yes		
CasePackQty	Case pack quantity		Float	6	No		1
CustomerItemCode	Customer item code		Varchar	60	Yes	24621	
Debcode	Debtor code		Varchar	20	No	3264	
EDIUOM	EDI unit of measure		Char	8	Yes		
ID	ID		Int		No		
ItemCode	Item code		Varchar	30	No	1102	
ItemQualifier	Item qualifier		Char	5	No		
InboundOperator	Inbound operator		Char	1	Yes		
OutboundOperator	Outbound operator		Char	1	Yes		
Syscreated	Created date & time		Datetime	8	No		Getdate()
Syscreator	Creator		Int	4	No		0
Sysguid	Guid		Uniqueidentifier	16	No		Newid()
Sysmodified	Modified date & time		Datetime	8	No		Getdate()
Sysmodifier	Modifier		Int	4	No		0
UnitFactor	Unit factor		Float	8	No	1965	1
Warehouse	Warehouse		Char	4	Yes	1391	

15.10 E-Charge

15.10.1 Charges

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
Active	Active		Int	1	No	2212	
ChargeCode	Charge code		Varchar	30	No		
ChargeType	Charge type		Char	1	No		
ConditionID	Condition ID		Int	10	Yes		
Currency	Currency		Char	3	Yes	8509	
Description	Description		Varchar	60	No	4243	
ExcludePaymentCondition	Exclude payment condition		Bit	1	No		
FinancialEntriesOnFulfillment	Financial entries on fulfillment		Bit	1	No		
ID	ID		Int		No		
IsSAC	Is SAC		Bit	1	No		
ItemGroup	Item group		Nchar	10	No	1162	
LineCondition	Line condition		Char	1	Yes		
LineType	Line type		Char	1	No	2688	
Syscreated	Created date & time		Datetime	8	No		Getdate()
Syscreator	Creator		Int	4	No		0
Sysguid	Guid		Uniqueidentifier	16	No		Newid()
Sysmodified	Modified date & time		Datetime	8	No		Getdate()
Sysmodifier	Modifier		Int	4	No		0
VATCode	VAT code		Char	3	Yes	1119	
VATMethod	VAT method		Char	1	Yes		

15.10.2 ChargeConditions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ActionType	Action type		Char	1	Yes	10870	
ChargeCode	Charge code		Varchar	30	No		
DateValue	Date value		Datetime	6	Yes		
DoubleValue	Double value		Float	8	Yes		
Field	Field		Varchar	30	Yes		
ID	ID		Int		No		
Percentage	Percentage		Float	8	Yes	8466	
StringValue	String value		Varchar	30	Yes		
Syscreated	Created date & time		Datetime	8	No		Getdate()
Syscreator	Creator		Int	4	No		0
Sysguid	Guid		Uniqueidentifier	16	No		Newid()
Sysmodified	Modified date & time		Datetime	8	No		Getdate()
Sysmodifier	Modifier		Int	4	No		0
UnitPrice	Unit price		Float	8	Yes	280	
WeightFactor	Weight factor		Float	6	Yes	36199	

15.10.3 ChargeTransactions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
ActionType	Action type		Char	1	No	10870	
ChargeAmount	Charge amount		Float	8	No		
ChargeCode	Charge code		Varchar	30	No		
ID	Id		Int		No		
NetPrice	Net price		Float	8	Yes	1495	
ParentID	Parent ID		Uniqueidentifier	16	No	22712	
Percentage	Percentage		Float	8	Yes	8466	
Quantity	Quantity		Float	6	No	8706	
SequenceNumber	Sequence number		Int		No		
Syscreated	Created date & time		Datetime	8	No		Getdate()
Syscreator	Creator		Int	4	No		0
Sysguid	Guid		Uniqueidentifier	16	No		Newid()
Sysmodified	Modified date & time		Datetime	8	No		Getdate()
Sysmodifier	Modifier		Int	4	No		0
TaxAmount2	Tax amount 2		Float	8	Yes	11581	

ChargeTransactions

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
TaxAmount3	Tax amount 3		Float	8	Yes	11582	
TaxAmount4	Tax amount 4		Float	8	Yes	11583	
TaxAmount5	Tax amount 5		Float	8	Yes	11584	
TaxBasis2	Tax basis 2		Float	8	Yes	11576	
TaxBasis3	Tax basis 3		Float	8	Yes	11577	
TaxBasis4	Tax basis 4		Float	8	Yes	11578	
TaxBasis5	Tax basis 5		Float	8	Yes	11579	
TaxCode2	Tax code 2		Char	3	Yes	11524	
TaxCode3	Tax code 3		Char	3	Yes	11534	
TaxCode4	Tax code 4		Char	3	Yes	11536	
TaxCode5	Tax code 5		Char	3	Yes	11553	
VATAmount	VAT amount		Float	8	Yes	11580	
VATBasis	VATBasis		Float	8	Yes	2112	
VATCode	VAT code		Char	3	Yes	1119	
WeightFactor	Weight factor		Float	5	Yes	36199	

15.11 Binary Messages**15.11.1 BinaryIncomingMessages**

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Created date		Datetime		No		Getdate()
MessageID	Message ID		Uniqueidentifier		No		Newid()
Transferred	Transferred		Bit		No		0

15.11.2 BinaryOutgoingMessages

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Created date		Datetime		No		Getdate()
MessageID	Message ID		Uniqueidentifier		No		Newid()

15.11.3 BinaryIncomingChunks

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Created date		Datetime		No		Getdate()
Data	Data		Image		No		
MessageID	Message ID		Uniqueidentifier		No		
Sequence	Sequence		Int		No		

15.11.4 BinaryOutgoingChunks

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
CreatedDate	Created date		Datetime		No		Getdate()
Data	Data		Image		No		
MessageID	Message ID		Uniqueidentifier		No		
Sequence	Sequence		Int		No		

15.11.5 SessionContext

Field name	Description	Reference	Data type	Length	Nullable	Term ID	Default
EntityName	Entity name		Varchar	30	Yes		
ID	ID		Int		No		
LastAccessedDate	Last accessed date		Datetime		No		Getdate()
LastKeyRetrieved	Last key retrieved		Varchar	255	Yes		
Query	Query		Text		Yes		



Chapter 16 | Sample SQL queries

16. Sample SQL queries

This section will list some SQL queries for retrieving data from the System tables. These queries can also be used as the basis for more complex reports or business solutions. Some basic knowledge of the Transact-SQL syntax is required to work with these examples.

16.1 ItemProcessTypes

1. Query to retrieve all the process types.

```
SELECT ItemProcessTypes.Type, ItemProcessTypes.Description, BacoDiscussionGroups.Description,
ItemProcessTypes.DocSecurity, ItemProcessTypes.TaskPrio, RequestPriorities.Description
FROM ItemProcessTypes
LEFT OUTER JOIN BacoDiscussionGroups ON ItemProcessTypes.DocGroup = BacoDiscussionGroups.ID
INNER JOIN RequestPriorities ON ItemProcessTypes.TaskPrio = RequestPriorities.ID
ORDER BY ItemProcessTypes.Type
```

16.2 XML Server

1. Query to select all results of the XML events based on division code '943' and batch ID between 3 and 52.

```
SELECT XMLEvents.Topic, XMLEvents.BatchID, humres.res_id, humres.fullname, COUNT(*) AS Messages, COUNT(CASE
WHEN XMLEvents.EventType = 0 THEN 0 END) AS Errors, MAX(XMLEvents.EventDate) AS Date
FROM XMLEvents
INNER JOIN humres ON XMLEvents.HumresID = humres.res_id
WHERE XMLEvents.CompanyCode = '943'
AND XMLEvents.BatchID BETWEEN 3 AND 52
GROUP BY XMLEvents.Topic, XMLEvents.BatchID, humres.res_id, humres.fullname
ORDER BY XMLEvents.BatchID DESC
```

2. Query to retrieve details of a particular batch ID '52'.

```
SELECT XMLEvents.ID, (CASE XMLEvents.EventType WHEN 0 THEN 'Error' WHEN 1 THEN 'Warning' WHEN 2 THEN 'Message'
END) AS Type, XMLEvents.EventDate, XMLEvents.Node, XMLEvents.DataKey, XMLEvents.EventDescription, (CASE
XMLEvents.EventType WHEN 0 THEN 4467 WHEN 1 THEN 3749 WHEN 2 THEN 1778 END) AS MessageTerm
FROM XMLEvents
WHERE XMLEvents.BatchID = '52'
ORDER BY XMLEvents.EventDate
```

16.3 BacoSettings

1. Query to display the system settings information of type 'General'.

```
SELECT TOP 101 SettingGroup, SettingName, ValueType, StringValue, LongValue, DoubleValue, DateValue FROM
BacoSettings WHERE SettingType=0 AND SettingGroup='general' ORDER BY SettingName
```

16.4 TaxSchedule

1. Query to display the details of the tax schedule where ID is "1".

```
SELECT * from TaxSchedule
WHERE 1=2
```

16.5 Territories

1. Query to display the details of the territory where TerritoryCode is "KL".

```
SELECT TOP 1 TerritoryCode
FROM Territories
ORDER BY TerritoryCode ASC
```

16.6 IncoTermCodes

1. Query to display the details of the Incoterm where Incoterm code is "CFR".

```
SELECT TOP 1 Code
FROM IncotermCodes
ORDER BY Code DESC
```

16.7 IncoTermProperties

1. Query to display the details of the Incoterm properties where Incoterm code is "CFR" and the Incoterm property is "F".

```
SELECT Code, Description
FROM IncoTermProperties
WHERE IncoTermProperties.ParentCode = 'CFR'
AND IncoTermProperties.Code = 'F'
```

16.8 BacoFunctionRoles

1. Query to retrieve roles linked to function 416.

```
SELECT BacoFunctionRoles.RoleID, HRRoleDefs.Description, HRRoleLevels.Description, HRRoleLevels.TermID
FROM BacoFunctionRoles
INNER JOIN HRRoleDefs ON BacoFunctionRoles.RoleID = HRRoleDefs.ID
INNER JOIN HRRoleLevels ON BacoFunctionRoles.RoleLevel = HRRoleLevels.ID
WHERE BacoFunctionRoles.FunctionID = 416
ORDER BY BacoFunctionRoles.RoleID
```

16.9 EDItemReferences

1. Query to retrieve ID where ItemCode is "AB0101".

```
SELECT ID
FROM EDItemReferences
WHERE ItemCode = 'AB0101' AND Debcode = ' 60013' AND ItemQualifier = '21345'
```

16.10 E-Charge

16.10.1 Charges

1. Query to retrieve charges.

```
SELECT ChargeCode, Description, Active, Currency, ItemGroup, ChargeType
FROM Charges
WHERE IsSAC = 0
ORDER BY ChargeCode
```

16.10.2 ChargeConditions

1. Query to retrieve details of charge code where Currency is "EUR" and DateValue is "2009-06-18".

```
SELECT ChargeCode
FROM ChargeConditions
WHERE Field = 'CIDEBO'
AND (StringValue = ' 1250' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CICLS0')
AND (StringValue = 'COM' OR StringValue IS NULL)
```

```

AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CICTY0'
AND (StringValue = 'DE' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CDDEBO'
AND (StringValue = '1250' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CDCLSO'
AND (StringValue = 'COM' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CDCTY0'
AND (StringValue = 'DE' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'CSHPV0'
AND (StringValue = '001' OR StringValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'DDATE1'
AND (DateValue >= {d '2009-06-18'} OR DateValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM ChargeConditions WHERE Field = 'DDATE2'
AND (DateValue <= {d '2009-06-18'} OR DateValue IS NULL)
AND ChargeCode IN (SELECT ChargeCode FROM Charges WHERE LineType = 'L'
AND ISSac = 0 AND Active = 1 AND Currency = 'EUR'))))))))
ORDER BY ChargeCode ASC

```

16.10.3 Charge Transactions

1. Query to retrieve details of charge transactions where ParentID is "0x1AF2152D3C951F4F9944A54202AE90FD".

```

SELECT ct.ID, ct.ParentID, ct.ChargeCode, c.Description, c.LineCondition, c.ChargeType, ct.ActionType, ct.NetPrice,
ct.Quantity, ct.TaxBasis5, ct.VatAmount, ct.TaxAmount2, ct.TaxAmount3, ct.TaxAmount4, ct.TaxAmount5,
ct.SequenceNumber
FROM ChargeTransactions ct
INNER JOIN Charges c ON c.ChargeCode=ct.ChargeCode
WHERE ct.ParentID = '0x1AF2152D3C951F4F9944A54202AE90FD'

```

16.11 Binary messages

16.11.1 BinaryIncomingMessages

1. Query to retrieve binary data header for upload with MessageID '7525B029-8572-4BE2-92AE-9809A596DC9C'.

```
SELECT * FROM BinaryIncomingMessages
WHERE MessageID = '7525B029-8572-4BE2-92AE-9809A596DC9C'
```

16.11.2 BinaryOutgoingMessages

1. Query to retrieve binary data header for download with MessageID '594667D4-E7DD-4882-A89E-16AFDA66015F'.

```
SELECT * FROM BinaryOutgoingMessages
WHERE MessageID = '594667D4-E7DD-4882-A89E-16AFDA66015F'
```

16.11.3 BinaryIncomingChunks

1. Query to retrieve binary data chunks for upload with MessageID '7525B029-8572-4BE2-92AE-9809A596DC9C'.

```
SELECT Sequence, Data, CreatedDate
FROM BinaryIncomingChunks
WHERE MessageID = '7525B029-8572-4BE2-92AE-9809A596DC9C'
```

16.11.4 BinaryOutgoingChunks

1. Query to retrieve binary data chunks for download with MessageID '594667D4-E7DD-4882-A89E-16AFDA66015F'.

```
SELECT Sequence, Data, CreatedDate
FROM BinaryOutgoingChunks
WHERE MessageID = '594667D4-E7DD-4882-A89E-16AFDA66015F'
```

16.11.5 SessionContext

1. Query to retrieve the number of entities with ID equal to "0"

```
SELECT count
FROM SessionContext
WHERE ID=0
```