

Configuration Document

BASIC DATA

Configuration Request

| Detailed Request Information | |
|--|----------------|
| Module | EH&S |
| EHS implementation Configuration ID | |
| Transport Request No | Not Applicable |

| System Details | |
|----------------|--------|
| System ID | Client |
| SED | 300 |

Activate SAP ECC Extension

Use

The purpose of this activity is to activate the required SAP ECC extensions.

Procedure

1. Access the activity using one of the following navigation options:

| | |
|-------------------------|------------------------------------|
| IMG Menu | <i>Activate SAP ECC Extensions</i> |
| Transaction Code | SFW5 |

2. On the *Change System Settings* screen on the *Enterprise AddOns* tab select Business Function EA-PLM and change the status to *On*.
3. Keep the row selected and choose *Activate*.
4. Accept the information message that a job was started in the background with *Enter*.
5. Choose *Save*.

Result

The required SAP ECC Extension was activated.

Adopt Standard Specification Database Structure

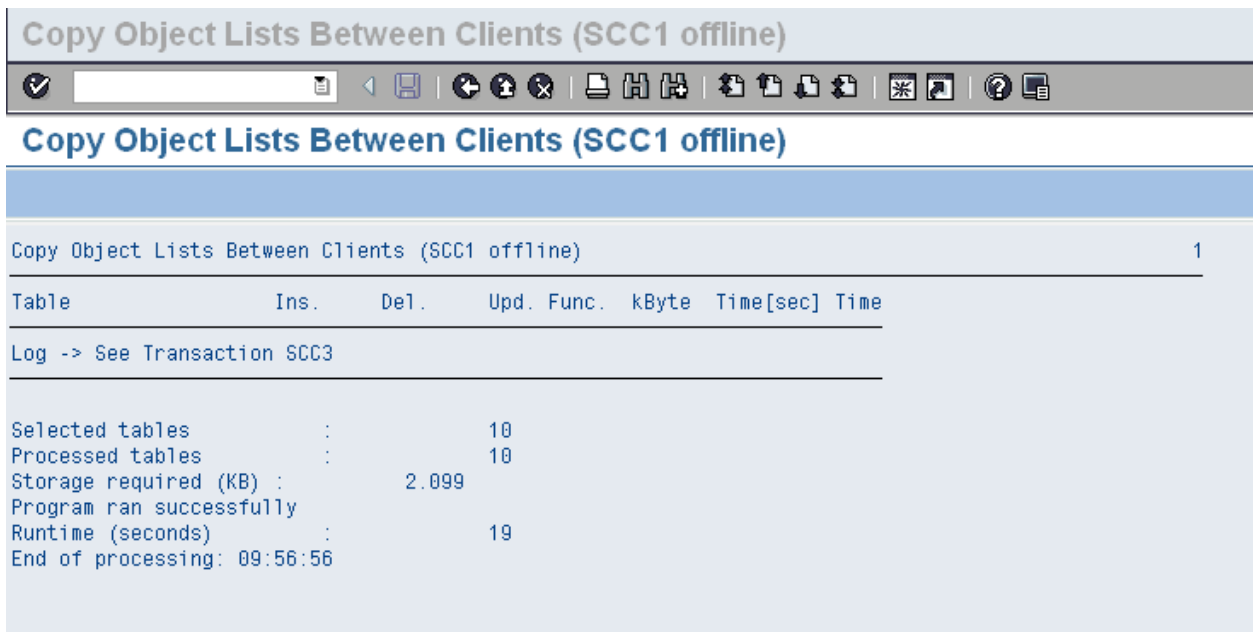
Use

The purpose of this activity is to adopt the standard specification database structure (i.e. the set of properties and properties trees) of EH&S that is shipped with client 000.

Procedure

Access the activity using one of the following navigation options:

| | |
|-------------------------|--|
| IMG Menu | <i>Environment, Health & Safety → Basic Data and Tools → Specification Management → Specification Database Structure → Settings for Value Assignment → Adopt Standard Specification Database Structure</i> |
| Transaction Code | CGB7 |



Result

The Standard Specification Database Structure has been copied from client 000 and EH&S properties are now available in your working client.

Create Entries for Table Based Value Assignments

Use

The latest versions of EH&S use a new way of displaying properties. They use adjustable tables instead of the earlier fixed fields. The control information for this table display has to be set up, too.

The purpose of this activity therefore is set up a default setting for the display of such tables.

Procedure

| | |
|-------------------------|--|
| IMG Menu | <i>Environment, Health & Safety → Basic Data and Tools → Specification Management → Specification Database Structure → Settings for Value Assignment → Set Up Table-Based Value Assignment</i> |
| Transaction Code | CGVAI02 |

1. Access the activity using one of the following navigation options:

If IMG menu path is used for accessing the transaction on the following screen choose *Create Entries for the Value Assignments*.

2. On the *Filling Customizing Table for Table-Based Value Assignment* screen several settings of the table based value assignment can be set. We leave the entries as suggested:

| Field | Value |
|-------------------|----------|
| Value assgmt type | SAP_EHS* |

Filling Customizing Table for Table-Based Value Assignment

Specification Type: Value Assgmt Type: SAP_EHS* to

Standard Objects for a Value Asst Inst.

| | | | |
|--|--------------|----|---|
| <input checked="" type="checkbox"/> Sort Sequence | Column Width | 5 | <input checked="" type="checkbox"/> Editable |
| <input checked="" type="checkbox"/> Assessment | Column Width | 3 | <input checked="" type="checkbox"/> Standard Sort Field |
| <input type="checkbox"/> Component | Column Width | 4 | |
| <input checked="" type="checkbox"/> Specification Status | Column Width | 4 | |
| <input checked="" type="checkbox"/> Inheritance Relationship | Column Width | 4 | |
| <input type="checkbox"/> Additional Information 1 | Column Width | 10 | |
| <input type="checkbox"/> Additional Information 2 | Column Width | 10 | |
| <input type="checkbox"/> Additional Information 3 | Column Width | 10 | |
| <input type="checkbox"/> Additional Information 4 | Column Width | 10 | |
| <input type="checkbox"/> Additional Information 5 | Column Width | 10 | |

User-Def. Text

User-Def. Text Type: Column Width: 25 ☒ Editable

Usage

Function Module: C107VAT_USAGE_STRDOUT

Table Representation

☐ Invert Axes

1. Choose *Execute*.
2. Confirm the upcoming *Filling Customizing Table for Table-Based Value Assignment* screen with Yes.

Result

Filling Customizing Table for Table-Based Value Assignment

Specification Type

Value Assgmt Type to

Standard Objects for a Value Asst Inst.

| | | | |
|--|--------------|---------------------------------|---|
| <input checked="" type="checkbox"/> Sort Sequence | Column Width | <input type="text" value="5"/> | <input checked="" type="checkbox"/> Editable |
| <input checked="" type="checkbox"/> Assessment | Column Width | <input type="text" value="3"/> | <input checked="" type="checkbox"/> Standard Sort Field |
| <input type="checkbox"/> Component | Column Width | <input type="text" value="4"/> | |
| <input checked="" type="checkbox"/> Specification Status | Column Width | <input type="text" value="4"/> | |
| <input checked="" type="checkbox"/> Inheritance Relationship | Column Width | <input type="text" value="4"/> | |
| <input type="checkbox"/> Additional Information 1 | Column Width | <input type="text" value="10"/> | |
| <input type="checkbox"/> Additional Information 2 | Column Width | <input type="text" value="10"/> | |
| <input type="checkbox"/> Additional Information 3 | Column Width | <input type="text" value="10"/> | |
| <input type="checkbox"/> Additional Information 4 | Column Width | <input type="text" value="10"/> | |
| <input type="checkbox"/> Additional Information 5 | Column Width | <input type="text" value="10"/> | |

User-Def. Text

User-Def. Text Type

Column Width

☒ Editable

Usage

Function Module

Table Representation

☐ Invert Axes

0 unchanged entries, 3.395 new entries, 0 entries deleted

The settings for the table based value assignments have been created. EH&S properties now can be displayed as tables in the EH&S specification workbench.

Run Program (initial creation of phrase sets RC161AWM)

Use

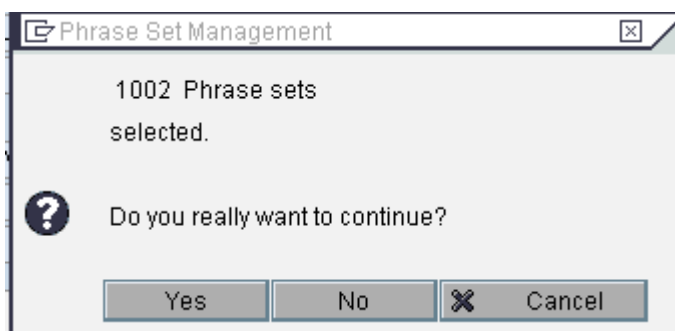
The purpose of this activity is to generate the phrase sets for the standard value assignment types. Phrase sets control which phrase values can be used in certain EH&S properties.

Only execute this step once, otherwise data might be inconsistent!

Procedure

1. Access the activity using one of the following navigation options:

| | |
|-------------------------|--|
| IMG Menu | <i>Environment, Health & Safety → Basic Data and Tools → Specification Management → Specification Database Structure → Settings for Value Assignment → Generate Standard Phrase Sets</i> |
| Transaction Code | CGBB |



When you enter the transaction code, or choose *Execute* in the IMG, the report to generate the standard phrase sets starts immediately. The report should only be executed once, as any changes to the Standard Database Structure will be overwritten and data might be inconsistent.

Result

Standard phrase sets have been generated through background job scheduled for program RC161AWM.

Create Additional Phrase Sets

Use

The purpose of this activity is to create additional phrase sets for certain properties in Waste management and Industrial Hygiene, which are not generated in the previous step.

Procedure

1. Access the activity using one of the following navigation options:

| | |
|-------------------------|---|
| SAP Menu | <i>Environment, Health & Safety → Basic Data → Phrases → Edit Phrase Sets</i> |
| Transaction Code | CG1B |

2. On the *Edit Phrase Set: Initial Screen*, choose *New entries*

3. Carry out this activity, if you want to set up your system in English:
On the *Create Phrase Set: Header* screen make the following entries with Language Key "EN":

| Phrase Set | Phrase Set Description |
|--------------------------------|---|
| APDISCAT | disposal type |
| AVOID | preventability |
| BODYPART | Order type |
| CBIH_ACCIDENT_CAUSE | accident cause |
| CBIH_ACCIDENT_EXTERN | extern influences |
| CBIH_ACCIDENT_INJPERS_ACTIVITY | activity of the injured person |
| CBIH_ACCIDENT_INJPERS_MOVE | movement of the injured |
| CBIH_ACCIDENT_OBJECT | accident causing object |
| CBIH_ACCIDENT_OBJECT_MOVE | movement of the accident causing object |
| CBIH_ACTIVITY | description of activity |
| CBIH_BODYPARTS | body parts |
| CBIH_DAMAGEREPORT | report in case of accident |
| CBIH_DEMAGEREPORT | report in case of damage |
| CBIH_DMTYPE | damage type |
| CBIH_FIRSTAID | first aid measures |
| CBIH_INJURY | injuries |
| CBIH_MSRRPROCEDURE | measurement procedure |
| CBIH_PROTECT | personel protection equipment |
| CBIH_PROTECTGOAL | protection goals |
| CBIH_RATREASON | reason assessment |
| CBIH_SAVADHOC | urgent measures |
| CBIH_SAVEDEMAND | safety demands |
| CBIH_SAVEINSTALL | safety installations |
| CBIH_SAVEMEASURE | special safety preparatives |
| CBIH_TRANSPORTS | transport |
| DMTYPE | Order type |
| EDIHEAD | EDI Header Text - Phrase Set |
| EDIPOS | EDI Item Text - Phrase Set |
| FATFRHC | Means of Further Transport fro |
| FATRTOHC | Transport to First Aid Center |
| GENCYC | Disposal cycle |
| GENFRE | Generation frequency |
| GENRHY | Generation rhythm |
| IACAUS | Cause of Accident |
| IAEXINF | External Influences on Acciden |
| IAOBJ | Object or Substance that Cause |
| IAOBJM | Movement of the Object that Ca |
| INJURY | Injury or Illness |
| IPACT | Activity of Injured Person |
| IPEVAAC | Safety Measures Taken to Preve |
| IPMOV | Movement of Injured Person |
| PAPHEAD | Document Header Text - Phrase |
| PAPPOS | Document Item Text - Phrase Se |
| PDAIN1 | Hazard Note 1 |

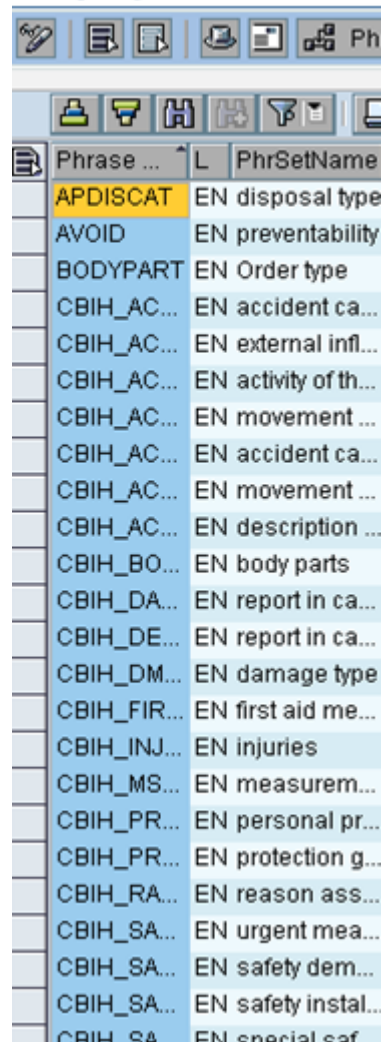
| Phrase Set | Phrase Set Description |
|------------|-------------------------|
| PDAIN10 | Hazard Note 10 |
| PDAIN2 | Hazard Note 2 |
| PDAIN3 | Hazard Note 3 |
| PDAIN4 | Hazard Note 4 |
| PDAIN5 | Hazard Note 5 |
| PDAIN6 | Hazard Note 6 |
| PDAIN7 | Hazard Note 7 |
| PDAIN8 | Hazard Note 8 |
| PDAIN9 | Hazard Note 9 |
| PDGF1 | User-Defined Text Key 1 |
| | |

4. Save and leave the transaction.
5. By importing the phrases the assignment phrases to phrase sets will be done.

Result

Additional phrase sets have been created. They are assigned phrases in the later on phrase loading step.

Display Phrase Set:



| Phrase ... | PhrSetName |
|-------------|----------------------|
| APDISCAT | EN disposal type |
| AVOID | EN preventability |
| BODYPART | EN Order type |
| CBIH_AC... | EN accident ca... |
| CBIH_AC... | EN external infl... |
| CBIH_AC... | EN activity of th... |
| CBIH_AC... | EN movement ... |
| CBIH_AC... | EN accident ca... |
| CBIH_AC... | EN movement ... |
| CBIH_AC... | EN description ... |
| CBIH_BO... | EN body parts |
| CBIH_DA... | EN report in ca... |
| CBIH_DE... | EN report in ca... |
| CBIH_DM... | EN damage type |
| CBIH_FIR... | EN first aid me... |
| CBIH_INJ... | EN injuries |
| CBIH_MS... | EN measurem... |
| CBIH_PR... | EN personal pr... |
| CBIH_PR... | EN protection g... |
| CBIH_RA... | EN reason ass... |
| CBIH_SA... | EN urgent mea... |
| CBIH_SA... | EN safety dem... |
| CBIH_SA... | EN safety instal... |
| CBIH_SA... | EN special saf |

Match up Master Data

Use

The purpose of this activity is to match up master data (value assignment types, characteristics, phrase assignment, report symbols). This step generates certain objects and descriptions in the system from the earlier uploaded EH&S properties (e.g. report symbols).

Procedure

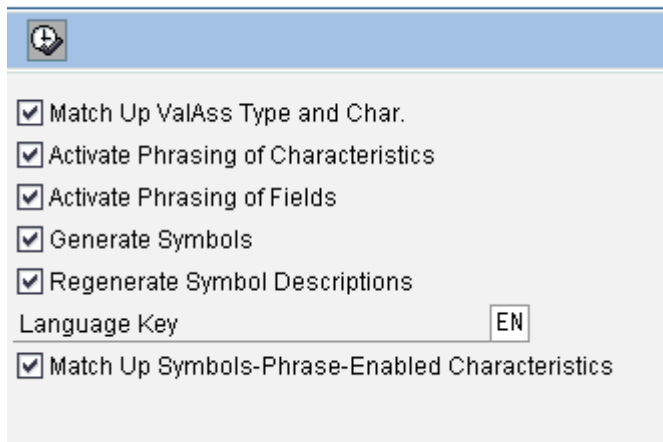
1. Access the activity using one of the following navigation options:

| | |
|-------------------------|---|
| SAP Menu | <i>Logistics → Environment, Health and Safety → Basic Data → Tools → Match Up Master Data</i> |
| Transaction Code | CGCZ |

2. On the *EHS: Match up Master Data* screen, make the following entries:

| Field name | Description | User action and values | Note |
|--------------------------------|-------------|------------------------|------|
| Match up ValAss type and char. | | X | |
| Activate phr. assgt to charac. | | X | |
| Activ. phrase-field assgmt | | X | |
| Generate symbols | | X | |
| Regenerate symbol descriptions | | X | |
| Language Key | | <EN > | |
| Match up symb.- phr-rltd char. | | X | |

EHS: Match Up Master Data



☒ Match Up ValAss Type and Char.

☒ Activate Phrasing of Characteristics

☒ Activate Phrasing of Fields

☒ Generate Symbols

☒ Regenerate Symbol Descriptions

Language Key

☒ Match Up Symbols-Phrase-Enabled Characteristics

3. Choose *Execute*.

EHS: Match Up Master Data



EHS: Match Up Master Data

Match up subs. val. assgt types - class characteristics:

| | |
|--|-------|
| - Number of new value assignment-characteristic combinations | 0 |
| - Number of unchanged value assignment-char. combinations | 1.246 |
| - Number of deleted value assignment-char. combinations | 0 |

Activate/Update Phrasing of Char. in Classification System

- Completed successfully.

- No. of New Attributes for Phrasing (Dangerous Goods: DG Master and Specification Database)

- No. of New Attributes for Phrasing (IHS) 16

- Number of new attributes for phrase assignment (waste mgmt) 22

- Number of new attributes for phrase assignment (Global Label Management) 2

Symbol generation:

- Number of new symbols 2.350

Generation of symbol descs for 'E' language:

- Completed successfully.

Match Up Symbols-Phr.-Enabl. Chars.

- Number of changed symbols ?

The execution of the report to match up EH&S master data may take some time!

If you go to the symbol list by clicking magnifying glass icon, you can find the symbol class characteristic of value assignment type.

Symbols for class characteristics of substance value assignment:

| | | |
|------------|------------------|--------------------------------|
| G0101001MC | SAP_EHS_0101_001 | Mat. Safety Data Sheet Shipng |
| G0101002RU | SAP_EHS_0101_002 | EH&S Expert Rule Set |
| G0101003VA | SAP_EHS_0101_003 | Value |
| G1010001CD | SAP_EHS_1010_001 | Date of Contact |
| G1010001CE | SAP_EHS_1010_001 | Cedex |
| G1010001CO | SAP_EHS_1010_001 | Country |
| G1010001CP | SAP_EHS_1010_001 | Contact Person |
| G1010001NA | SAP_EHS_1010_001 | Name of Company |
| G1010001PC | SAP_EHS_1010_001 | Postal Code |
| G1010001PH | SAP_EHS_1010_001 | Phone |
| G1010001ST | SAP_EHS_1010_001 | Street |
| G1010001T1 | SAP_EHS_1010_001 | Telex |
| G1010001TE | SAP_EHS_1010_001 | Telefax |
| G1010001TO | SAP_EHS_1010_001 | Town |
| G1010001TY | SAP_EHS_1010_001 | Type of Company |
| G1010002H1 | SAP_EHS_1010_002 | Label Composition |
| G1010002HM | SAP_EHS_1010_002 | Label No. |
| G1011001AD | SAP_EHS_1011_001 | Advice |
| G1011001CH | SAP_EHS_1011_001 | Chronic Exposure |
| G1011001E1 | SAP_EHS_1011_001 | Potential Environmental Effect |
| G1011001EN | SAP_EHS_1011_001 | Primary Routes of Entry |
| G1011001EY | SAP_EHS_1011_001 | Eyes |
| G1011001I1 | SAP_EHS_1011_001 | Inhalation |
| G1011001IN | SAP_EHS_1011_001 | Ingestion |
| G1011001ME | SAP_EHS_1011_001 | Aggravated Medical Condition |
| G1011001OR | SAP_EHS_1011_001 | Target Organs |
| G1011001PC | SAP_EHS_1011_001 | Physical/Chemical Hazards |
| G1011001RE | SAP_EHS_1011_001 | Remarks |
| G1011001SK | SAP_EHS_1011_001 | Skin |
| G1011001SW | SAP_EHS_1011_001 | Signal Word |
| G1011002IN | SAP_EHS_1011_002 | Other Information |
| G1011003IN | SAP_EHS_1011_003 | Other Information |
| G1011004TM | SAP_EHS_1011_004 | Memo |
| G1011005MP | SAP_EHS_1011_005 | Mixture or Pure Substance? |
| G1011005TY | SAP_EHS_1011_005 | Type of Substance |
| G1011006AD | SAP_EHS_1011_006 | Advice |
| G1011007ME | SAP_EHS_1011_007 | Memo |
| G1011008IN | SAP_EHS_1011_008 | Industrial Category |
| G1011008MA | SAP_EHS_1011_008 | Main Category |
| G1011008US | SAP_EHS_1011_008 | Use Category |
| G1011009IM | SAP_EHS_1011_009 | Imported 1993/94 |
| G1011009OU | SAP_EHS_1011_009 | Produced 1993/94 |
| G1011009QI | SAP_EHS_1011_009 | Quantity Imported |
| G1011009QP | SAP_EHS_1011_009 | Quantity Produced |
| G1011009YE | SAP_EHS_1011_009 | Year of Production or Import |
| G1011010AP | SAP_EHS_1011_010 | Way of Application |
| G1011010IN | SAP_EHS_1011_010 | Industry Sector |
| G1011010SU | SAP_EHS_1011_010 | Specific Use |
| G1012004RE | SAP_EHS_1012_004 | Remarks |
| G1012006RE | SAP_EHS_1012_006 | Remarks |
| G1012007ME | SAP_EHS_1012_007 | Method |
| G1012007PR | SAP_EHS_1012_007 | Accuracy |