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SAP
Financial Conditions

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A Business and Technical
Roadmap to Deploying SAP

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INTRODUCTION

Welcome to the fascinating world of SAP. This book helps you crack the tricks of mastering SAP HANA Customization

Financial Conditions

Edit Differentiation Categories

In this Customizing activity, you can define and edit your own differentiation categories in addition to those provided in the standard system. The system uses these to filter conditions according to particular criteria for condition determination.

For each differentiation category, you define how to find and display the relevant differentiation values during condition determination.

Requirements

If you also want to differentiate by condition group type, the corresponding `0_LISTTYPE` field must exist in the table.

Ensure that your own differentiations have a key in the table of differentiation values that is no longer than 10 characters.

Activities

1. Assign a numerical value for the *Differentiation Category*.
2. Specify a *Description of the Differentiation Category*.
3. Choose Differentiation Value Category.
   If you choose *Reference to Table* as a differentiation value, you must fill the following fields:
   - Specify the name of the *Table* to which you want to refer.
   - Specify the *first* and *second field names*. You can use the second field name to restrict the data. The first and second field names are important because values and texts can refer to different tables.
   - Specify a *value* that represents the characteristic value of the second field name.
     The value is important for item counters and dispatch expense counters in *Account Management* because they were defined in a table with two key fields. The value of the item counters is 100, and of the dispatch expense counter 200. All entries whose value is 100 are displayed under the input help for item counters, and likewise the entries whose value is 200 are saved under dispatch expenses.
   - If necessary, specify a *Text Table.*
   - If necessary, specify a *Language Field*.
   - Specify the name of the *Text Field*.
4. Select the Condition Group Type checkbox. This checkbox is an additional selection criterion. If you select this checkbox, the system reads the condition group type when it reads the differentiation table. (The value for the condition group type known to the financial conditions at the point in time at which the differentiations are evaluated.)
5. Choose *Save*.

Further notes

If you have created differentiation categories, you must assign them to condition categories under Assign Differentiation Categories to Condition Categories.

You assign theses differentiation categories to condition types in your application in the Customizing activity *Define Condition Type*.

Differentiation by position data is possible only if you edit your own differentiation categories.

Assign Condition Categories to Differentiation Categories

In this Customizing activity, you assign the condition categories and the differentiation categories that you defined. You need only edit this Customizing activity if you have defined your own differentiation categories.

This assignment is required to enable you to assign your own differentiation categories in the Customizing activity *Define Condition Types*.

Requirements

You have created your own differentiation categories in the Customizing activity Edit Differentiation Categories.

Activities

1. Choose *New Entries*.
2. Use the input help to choose a *condition category*.
3. Use the input help to choose a *differentiation category*.
4. Choose *Save*.

Further notes

Assign condition categories only to your own differentiation categories. Do not change the differentiation categories supplied by SAP.

You cannot change differentiation categories that are assigned to a condition category that has already been used.

Define Condition Group Types

In this Customizing activity you can define and edit condition group types. You only need to execute this Customizing activity if you require condition group types in addition to the standard ones supplied by SAP.

You require condition group types for setting conditions, which you can define using the transaction Edit Condition Group.

The condition group type is used for the following purposes:

- It groups condition types according to their use.
- It can subdivide condition group categories into more detail.

Example

The *Settlement* condition group category is sufficient for all settlement types, but it may make sense to further divide settlement if your corporate customers require additional condition types to those required by private customers. In this case, the condition group types could look as follows:

- The condition group type *Settlement Corporate Customers* contains the condition types *Debit Interest*, *Credit Interest*, and *Overdraft Interest*.
- The condition group type *Settlement Private Customers* contains the condition types *Debit Interest* and *Overdraft Interest*.

Activities

- Choose *New Entries*.
- Assign a numeric key (six figures) and a description (maximum of 2 characters).
- Choose a *condition group category* from the list. The condition group category specifies the character of a condition group type and checks the logical relationship between the condition types of a condition group type. In this way, the system prevents condition types that cannot be combined from being grouped in the same condition group type.
- If required, set the Buffering checkbox (optional).
- If required, set the Correspondence checkbox (optional).
- Choose an *Interest Reference Category* if one exists in your application. If you assign an interest reference category, you can only use interest references from this category when you create a condition group.

  If you do not assign an interest reference category, you cannot use any interest references when you edit the condition group.
- Define the number of days for which you want to restrict the display of conditions during condition processing (optional).
- Select the entry and double-click *Condition Type*.
- Choose *New Entries*.
- Choose the desired condition type from the list.

  You must repeat this step for all condition types that you want to assign to a group.

Edit Determination Periods

In this Customizing activity, you assign determination periods. You need only edit the determination periods if you require determination periods in addition to the ones already supplied by SAP.

- In *Account Management (FS-AM)*, you use the determination period to specify the selection period for the values of the corresponding turnover class.
- In *Bank Analyser*, you use the determination period to specify the selection period for the values of the corresponding calculation basis.

The system compares the balance of these values with the tiered conditions. The balance provides the condition that must be used.

Example

- Account Management:

You have a checking account for which the system is not to calculate any account maintenance charges if the credit balance is 2,000 EUR or more during the three months before account settlement (determination period).

The determination period is the same as the three months before the account settlement.

- Bank Analyser

  You have a loan for which the system is to levy a disbursement charge only for the first disbursement. In this case, you refer to the commitment capital as the calculation basis and define two condition tiers. These tiers ensure that the system levies the disbursement charge for a commitment capital of zero, but not for a commitment capital above this amount. You can use the last month as the determination period.

Standard settings

You are not allowed to change the entry in the sample customizing *01 # as Usage Period*.

The system generates the period such that the period start is inclusive and the period end is exclusive.

Activities

1. Enter a key for the determination period.
2. Enter a description.
3. Enter up to four key dates.
   On the key date, the system splits the period.
4. Specify the number of units for a period.
5. Specify the number of units (days or months) for a period.
   The Month unit means that the period always starts on a key date, unlike the calendar month. (Example: Key date = 1th. The period is from 1th January to 1th February).

Edit Usage Periods

In this Customizing activity, you assign usage periods. You need only edit the usage periods if you require usage periods in addition to the ones already supplied by SAP.

The usage period enables you, for example, to specify the frequency with which charges are calculated in a settlement period. The usage period can be shorter or the same as a settlement period.

Example

The settlement period for a **checking account** is three months. An account maintenance charge is to be calculated monthly. In this case, you have a monthly usage period for the account maintenance charge. The system calculates the account maintenance charge during account settlement and posts it with the settlement result.

The settlement period for a **loan** is three months. An account maintenance charge is to be calculated monthly. In this case, you have a monthly usage period for the account maintenance charge.

Activities

1. Enter a key for the usage period.
2. Enter a description.
3. Enter up to four key dates.
4. Specify the number of units for a period.
5. Specify the number of units (days or months) for a period.

Define Assignment Reasons

In this Customizing activity, you define assignment reasons that you can store as additional information when you edit a condition. You can, therefore, provide reasons for changing, restricting the dates of, or deleting a condition.

You edit the condition in your application on the *SAP Easy Access* screen under Edit Condition Group.

Standard settings

SAP does not deliver any assignment reasons in the standard system.

Activities

1. Choose *New Entries*.
2. Specify a key for the assignment reason.
3. Specify a description for the assignment reason.
4. Choose *Save*.

Further notes

You can restrict the validity period of a condition by specifying a Valid To date.

Release

Standard Conditions

Assign Release Procedure to Release Object

Assign Rule to Release Steps

Assign Release Procedure to Release Procedure WF
Individual Conditions

Assign Release Procedure to Release Object

Use

In this Customizing activity you make the following basic settings for the release of a particular release object. Since the release of release objects is regulated by the *SAP Business Workflow*, in the *Run Release Workflow* group box, you must define if and when the system places a release object in the release process.

Requirements

You have made the standard settings for the *SAP Business Workflow* in Customizing under Maintain Standard Settings.

Standard settings

In the standard delivery, no release is set for the release objects (radio button *never* in the *Run Release Workflow* group box).

Activities

1. Choose a radio button in the *Run Release Workflow* group box.
   If you change from *Always*, *Conditional*, or *Statistical* to a different type, the system deletes all settings specific to this type.
2. If you choose *Always*, you still have to select a Release Procedure for all release objects.
3. If you choose *Conditional*, you can differentiate the release of release objects according to release procedure and Release Reasons.
   a) If you choose *Display All*, you can check whether release reasons have already been defined for the release object.
   b) Go back.
   c) Choose a release procedure for which you want to define release reasons.
   d) Choose *Execute* in change mode.

If no release reasons are defined for the release object, the screen *Customizing: Release Procedures* also appears.

If release reasons are already defined for the release object, the screen *Settings for Release Procedure* appears. If you choose *New Entry* or select a line of a release reason and *Select*, the screen *Customizing: Release Procedures* also appears.

e) Define or change a release reason for the release object and release procedure selected in the *Customizing: Release Procedures* screen by selecting release attributes from the overview tree and assigning a lower limit (and an upper limit for ranges) and a comparison operator to each release attribute in the *Free Selections* group box. When defining release reasons, make sure there is and connector between the conditions that you define with the value entries for the release attributes. Also note the connection between release reason and the exact rule definition in the corresponding Customizing activity *Assign Standard Role to Release Steps*. You must make sure that the system finds a user group for each release object via the standard role/rule; meaning that the rules are defined in such a way that they cover all release reasons.

f) Assign the comparison operator by double-clicking on the entry fields of the release attributes.

The system assigns the number for the release reasons.

If you want to delete **individual** release reasons, you need to delete all release attributes for this release reason. Note that the system deletes **all** release reasons when you select *Delete the Entries for the Release Object*.

g) Choose *Execute*.

h) Go back to the initial screen of the Customizing activity.

4. If you choose *Statistical*, you need to define a millionth of all release objects that the system places in the release process and select a release procedure.

5. If you select never, you cannot make any further settings.

   If you change from *Always*, *Conditional*, or *Statistical* to *never*, the system deletes all settings specific to this release object.

6. Save your entries.

Assign Rule to Release Steps

Use

In this Customizing activity you assign a rule to the individual release steps of the release procedure for a particular release object. Processors (users, workplace, organizational units, locations and so on) are linked to the rule. The system uses the rule to find the processors responsible and forwards the release objects as a work item to them for further processing with the SAP *Business Workflow*.

Requirements

You have made the settings in Customizing activity *Assign Release Procedure to Release Object* for the release object in question.

Activities

1. Choose *New Entries*.

2. Enter the required values in the following fields:

- Release Object
- Release Procedure
- Release Step

3. Assign a rule to these. You have the following options:
   The rule to be assigned has already been created and you know its number.
   a) Enter this number.
   The rule to be assigned has not yet been created.
   a) Select the corresponding row.
   b) Choose *Create Rule*.
      This takes you to the *Selection of Rule Parameters* screen.
   c) Select the parameters you require for defining the standard rule.
   d) Choose *Generate Rule Now*.
   e) Choose *Copy Generated Rule* and save your data.
4. If you wish to assign users/processors to the rule, you have the following options:
   From this Customizing activity

   a) Select the corresponding row.
   b) Choose *Display Rule*.
      This takes you to the *Rule Responsibilities....* screen.
   c) Choose *Change*.
      This brings you to the *Change Responsibilities for Rule ...* screen. For more information about changing rules/standard roles, see the role documentation for the *SAP Business Workflow* in the SAP Library or on the corresponding screens by choosing *Help -> Application Help*.

   Using the area menu
   a) Choose *Tools -> ABAP Workbench -> Development -> SAP Business Workflow -> Definition Tools -> Rules for User Determination -> Change*. This takes you to the *Rules: Maintain* screen.
   b) Choose the rule you wish to assign to users and choose *Change*. This takes you to the *Rules: Change* screen.
   c) Choose the *Responsibilities* tab page.
      For more information about changing standard roles/rules, see the role documentation for the *SAP Business Workflow* in the SAP Library or on the corresponding screens by choosing *Help -> Application Help*.

- When defining the rules, make sure that an 'And' connection exists between the requirements you define with the values entered.
  Also note the connection between the Release Reasons defined in Customizing activity *Assign Release Procedure to Release Object* (see also Release Reason) and the exact rule definition. You must ensure that the system finds a user group for every release object via the rule, meaning that the rules are defined in such a way that all release reasons are covered.

. Save your entries.