

Customizing Options in Spend Performance Management - Data Management



Applies to:

SAP Spend Performance Management 2.0 and 2.1, SAP BW, SAP SRM, Analytics, SAP eSourcing, Enterprise Performance Management (EPM), Operational Performance Management (OPM)

Intended Audience: Customers of SAP Spend Performance Management Implementation Partners. For more information, visit the [Enterprise Performance Management homepage](#).

Summary

SAP Spend Performance Management - Data Management tool provides various options to customize the data load. Many of these customizing settings are maintained using the name-value pair table RSXAADMIN. This article provides a list of the different options available for this table.

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Introduction

The data management tool of SAP Spend Performance Management provides an easy way to accomplish the common functionalities of a data load, like currency/unit conversion, field validation, field concatenation etc, without creating multiple transformations for the purpose. Additionally data management also provides inbuilt capabilities to export data for classification. However since data management is based on ABAP code and not on BI transformations it can't be modified directly for any customizing requirements. Keeping this in mind we have added multiple customizing options for the load which are governed by easy to maintain table entries.

Most of these customizing settings are maintained using the name-value pair table RSXAADMIN. This article provides a list of the different options available for this table.

List of Entries

All of these entries can be populated by making a table entry directly. Some of these can also be populated from the UI or by the program SSA_HELPER_PROGRAM.

1. **EXCH_RATE_TYPE**: This flag governs the exchange rate type which will be used for currency conversion in data management. For example if RSXAADMIN contains an entry EXCH_RATE_TYPE = 'ZSPM' then the conversion type used for currency conversion is ZSPM. The default value for the exchange rate type is 'M'. More details can be found in the note 1278988.
2. **LSUPPLIER_UPDATE_ALL**: In case customer is using data cleansing some of the files in master data are only populated from cleansed files. These fields include XARSUPPL (cleansed supplier) in Source System Supplier load, XAREWCCAT (cleansed category) in Item load and XGEO (Geography) in Site load.

However if customer is not using cleansing then it might be desirable to populate these fields during source system load itself. In that case the entry LSUPPLIER_UPDATE_ALL = 'X' can be created in RSXAADMIN. The name LSUPPLIER_UPDATE_ALL is a misnomer and this entry affects item and site load as well.

Tip: This entry can also be created by executing the program SSA_HELPER_PROGRAM with the option LSUPPLIER_UPDATE_ALL. If this entry needs to be reverted at a later point it can be done by executing the report with option LSUPPLIER_UPDATE_SELECTED.

More details can be found in the notes 1371558 and 1371519.

3. **CONCATENATE_CHAR**: Data Management provides with an option to concatenate multiple source fields into target. These rules can be defined using the table OPMDM_TYPES_KEY. By default the character used to concatenate two fields is an underscore. This can be modified by making an entry CONCATENATE_CHAR = <desired_character> in the table RSXAADMIN. More details can be found in the note 1435468.
4. **CURRENCYCONVERSION**: By default data management converts all the measures in transaction currency to reporting currency and copies over to the corresponding measure in reporting currency. If the measure in reporting currency is already available in source it might be desirable to disable the currency conversion. To disable the conversion you can make an entry CURRENCYCONVERSION = '' in the table RSXAADMIN. This can also be achieved by running the program SSA_HELPER_PROGRAM with the option DEACTIVATE_CURRENCYCONVERSION. The conversion can be reactivated by running the same program with option ACTIVATE_CURRENCYCONVERSION.
5. **UNITCONVERSION**: Similar to point 4 above. To deactivate unit conversion you can use the program with option and DEACTIVATE_UNITCONVERSION and to reactivate ACTIVATE_UNITCONVERSION. By default both the conversions are switched on.
6. **PACKAGE_SIZE**: During flat file load the default number of records which will be processed in a single cycle (package size) is 3000. If this number needs to be increased or decreased then an entry PACKAGE_SIZE = <desired_package_size> can be created in the table. Please note that this value

is only applicable for flat file load. For load via datasource the standard BI mechanism to maintain package size (in Infopackage) is used.

7. **IGNORE_DTP_FILTER**: When loading data from inbound layer to detail layer an automatic filter is applied based on the current upload ID. The value for this filter is provided from the UI. In case you are trying to load directly from backend the value for this filter will not be filled and no records will be transferred from inbound to detail. To avoid this you can set the flag **IGNORE_DTP_FILTER = 'X'** in **RSXAADMIN** table and then all the records will be loaded from inbound to detail. This flag can also be set and reset using the helper program using the options **TURNON_IGNORE_DTP_FILTER** and **TURNOFF_IGNORE_DTP_FILTER** respectively. Please note that this flag should only be used during testing and prototyping. It is not recommended to use this in a production environment.
8. **FILTER_USERS** : By default all the data management screens which fetch user ID as a variable, like the value for system owner, fetch all the users in the system and not only the users which have spend role. In production environment there can be a very large number of users which can deteriorate the performance of these screens considerable. This behavior can be changed by setting the flag **FILTER_USERS = 'X'** in **RSXAADMIN** which will restrict the users fetched to only spend users.
9. **EXTERNAL_CURRENCIES**: Normally most of the international currencies are stored with two decimal places however certain currencies do have 0 and 1 decimal place too. For example JPY has 0 decimal places. SAP internal format stores even these currencies with 2 decimal places and at the time of display it changes the value to right decimal places.

In case a file from external source is loaded to SPM it might have the format with 0 decimal places in the file. To convert it to SAP standard format post processing needs to be done on this value. If that is the case you can set the flat **EXTERNAL_CURRENCIES = 'X'** in the table which will enable the post processing for these values. This flag can also be set and reset using the helper program using the option **TURNON_EXT_CURRENCY_FORMAT** and **TURNOFF_EXT_CURRENCY_FORMAT**.

10. **EXPORT_TYPES**: When you export the files for classification by default the files Invoice, PO, Contract and Local Supplier are exported. Some partners may need additional files like item, category for classification. If that is the case these files can be defined as a value in **RSXAADMIN** with the parameter as **EXPORT_TYPES**. For example in addition to above files if **ITEM** and **MANORG** also need to be exported you can make an entry **EXPORT_TYPES = "ITEM;MANORG;..."** in the table.
11. **CONV_ISO_LANGU_T**: This flag is relevant for export. The internal SAP format stores the language as one character field. If the classification partners requires the exported data in ISO format with two characters for language this flag can be set to 'X'.
12. **XACURRENCY**: This variable is used to store the global/reporting currency. All the currency measures are converted to this currency to enable unified reporting. This variable is set in the UI during the initial system configuration and should not be modified directly in backend.
13. **XAPATH_IMPORT**: This field contains the folder location in the server where the files will be stored for the flat file load. This variable is set in the UI during the initial system configuration and should not be modified directly in backend.
14. **XAPATH_EXPORT**: This field contains the folder location in the server where the files will be exported during the cleansing process. This too is set in the UI during the initial system configuration and should not be modified directly in backend.

Related Content

- <http://www.sdn.sap.com/irj/scn/weblogs?blog=/pub/wlg/19765>
- <http://wiki.sdn.sap.com/wiki/display/CPM/FAQ+-+Data+Extraction+for+Spend+Performance+Management>
- <http://weblogs.sdn.sap.com/pub/wlg/19833>
- <http://www.sdn.sap.com/irj/scn/index?rid=/library/uuid/d0e51ed5-ee3e-2d10-53b8-f2ef66032843>
- For more information, visit the [Enterprise Performance Management homepage](#).

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