

Changelog - SAP Responsible Design and Production Integration with SAP ERP

Date 11-December-2023

1.4.1

- SAP Responsible Design and Production Script Collection is created with version 1.0.0:

- Created a script collection that contains all scripts in use by integration flows. For the scripts to be accessible, this artifact must be deployed before any integration flows. Message mappings continue to use local scripts.
- Combined scripts to avoid duplication.

- Create Pricing Conditions and Material Classifications to SAP ERP is updated to version 1.3.1 with updates:

- Removed local scripts.
- Referenced all used scripts from SAP Responsible Design and Production Script Collection.
- Fixed a bug where a token would not be extracted correctly from the URL if it contains additional parameters or expands.

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax updated and Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports to version 1.3.1 with updates:

- Removed local scripts.
- Referenced all used scripts from SAP Responsible Design and Production Script Collection.

- Distribute Pricing Conditions and Material Classifications to Multiple SAP ERP systems is updated with version 1.0.1:

- Removed local scripts.
- Referenced all used scripts from SAP Responsible Design and Production Script Collection.

Date 13-September-2023

1.4.0

- Create Pricing Conditions and Material Classifications to SAP ERP is updated to version 1.3.0 with updates:

- Added new configuration property Context Prefix Enabled for enable and disable system groups/contexts prefixes.

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax updated and Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports to version 1.3.0 with updates:
 - Configuration properties for the mappings now accept multiple mappings comma separated regarding the multiple system changes.
 - Added feature for extension mappings regarding multiple systems.
 - Fixed a minor bug with exception handling.
 - Fixed a bug with gather step.
 - Fixed a bug with content modifier.

- Distribute Pricing Conditions and Material Classifications to Multiple SAP ERP systems is created with version 1.0.0:
 - Created an example template flow for customers with multiple systems, that contains two system groups/contexts which are sending the IDOCs to 3 ERP systems in total.

Date 12-July-2023

1.3.0

- Create Pricing Conditions and Material Classifications to SAP ERP is updated to version 1.2.0 with updates:
 - Page Size is limited internally to 500 if a higher value is provided from "Configure"
 - Added configuration property Suppliers Enabled - header which will be passed and used in Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports mapping flow.
 - Updated setProperties.groovy script to enhance the expand filter with Suppliers if the Suppliers Enabled property is true from "Configure".

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax updated to version 1.2.0 with updates:
 - Added Filter, Content modifier and an additional sequential multicast to filter out all the packaging fees which have BusinessProcessDirection INBOUND during the replication to SD pricing conditions
 - Referenced message mappings are now dynamic. Mappings can now be changed very easily from the "Configure" for MC Mapping, SD Mapping ZEST and SD Mapping ZESP by providing only the ID of

desired mapping. By default, properties are prefilled with the IDs from the package.

- Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports is updated to version 1.2.0 with updates:
 - Referenced message mappings are now dynamic. Mappings can now be changed very easily from the "Configure" for MM Mapping and SD Mapping by providing only the ID of desired mapping. By default, properties are prefilled with the IDs from the package.
 - The script flatSuppliers.groovy has been included to flat suppliers list object when Suppliers are enabled. Within the script, a feature has been implemented to set the total fee as zero for the exclusion filter flag in the supplier object. Additionally, a mechanism has been added to handle the isFallbackFee condition by creating supplier object for the supplier independent table
 - Added Filter and content modifier blocks to filter out all the products which have BusinessProcessDirection OUTBOUND during the replication to MM pricing conditions (Filter block in the MM sub-processes)
 - Added Filter and content modifier blocks to filter out all the products which have BusinessProcessDirection INBOUND during the replication to SD pricing conditions (Filter block in the SD sub-processes)

- Material Management Mapping with version 1.0.1 is now deprecated, and it is replaced by Material Management Mapping with version 2.0.0 and ID Material_Management_Supplier_Extended_Mapping which have backwards compatibility and **can work without suppliers** as well

- Material Management Mapping is now released with version 2.0.0 with updates:
 - Added new fields to target mapping LIFNR, CONTEXT
 - Added new variables VAKEY_SUPPLIER and VAKEY_INDEPENDANT
 - Added new script for generating VAKEY with whitespaces for Vendor related tables
 - Added new fields to source mapping Context, BusinessProcessDirection, IsFallbackFee and Suppliers with Supplier and IsExcludedFromReportConfiguration

Date 21-Apr-2023

1.2.1

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax updated to version 1.1.1 with updates:

Update filterOutDuplicates.groovy script to work with XML message format instead of JSON. Remove all unnecessary XML to JSON and JSON to XML converter blocks from Material Classification convert pack fee to pricing condition sub-process.

Date 23-Mar-2023

1.2.0

- Create Pricing Conditions and Material Classifications to SAP ERP is updated to version 1.1.0 with updates:

- Renamed externalized properties to more user-friendly format
- Added Packaging Fee Extension Enabled configuration property to enable Spain Plastic Tax replication
- IDoc number generator script is improved
- Some configuration properties have default values
- Added user-agent header when fetching packaging fees

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax updated to version 1.1.0 with updates:

- Renamed externalized properties to more user-friendly format
- Some configuration properties have default values
- Introduced new additional condition type ZEST to split TotalFee into inhouseProductionChargeableFee and inhouseProductionStatisticalFee for Sales and Distribution
- Fixed issue by sending one IDoc per material (product) for Material Classification
- Added error handling when expand is not enabled, artefact will throw error
- Fixed issue with empty response by adding Set Gather response blocks for MC and SD Convert processes

- Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports updated to version 1.1.0 with updates:

- Rename externalized properties to more user-friendly format
- Fixed issue with empty response by adding Set Gather response blocks for MM and SD Convert processes
- Some configuration properties have default values

- Extracted mappings as Message Mappings artefacts from the Integration Flows.
- Rename the following fields in the mappings:
 - ProductId to Product
 - ReportConigurationId to ReportConfiguration
 - ReportCategoryId to ReportCategory
- Rename the following fields in the mappings and replace them on
 - PackagingFeeExtension level
 - WeightInKg to PlasticWeightInKg
 - NonRecycledPlasticInKG
 - ExemptionCode to Exemptions

Date: 06-Jan-2023

1.1.2

- Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports is updated to version 1.0.1 with minor updates:
 - Mapping for Material Management is renamed due to Unicode typo.

1.1.1

- Create Pricing Conditions and Material Classifications to SAP ERP is updated to version 1.0.1 with minor updates for:
 - All externalized properties are now snake_case
 - Filters for RDP request are now PascalCase
 - Fixed a typo in filters
- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax is updated to version 1.0.1 with minor updates:
 - For SD KSCHL field in mapping is no longer anonymized
 - Improved mapping for MC and ATWRT field

Date: 13-Dec-2022

1.1.0

- Artifact Create Pricing Conditions for Extended Producer Responsibility Reports with version 1.0.2 is deleted and replaced by Create Pricing Conditions and Material Classifications to SAP ERP with version 1.0.0. which provides extension capabilities:

- Improved delta handling process
- Improved filter criteria. Filling filters is now more user friendly
- Improved mappings

- Introduced two new extension exits:

- Define mappings is now mandatory extension
- Optional extension with router condition is provided for sending mapped response to more than one ERP system

- Introduced two new artifacts as templates for the mandatory mapping extension:

- Map Packaging Fees to Pricing Conditions and Material Classifications for Spain Plastic Tax
- Map Packaging Fees to Pricing Conditions for Extended Producer Responsibility Reports

Date: 29-Nov-2022

1.0.2 Fixes delivered

- Added new field BaseUnitOfMeasureISOCODE to the SD mapping
- Added fallback logic to BaseUnitOfMeasure if BaseUnitOfMeasureISOCODE is empty

Date: 23-Nov-2022

1.0.1 Fixes delivered

- Introduced externalized parameter for locationId
- Filtered request with empty data to SAP ERP

Date: 22-Nov-2022

1.0.0 First version delivered

Artifact: Integration Flow - Create Pricing Conditions for Extended
Producer Responsibility Reports