



User Help Guide for uXLoader for RFM Solutions by Utopia

Release 9.2

Document History

The following table provides an overview of the most important document changes and approvals.

Version	Date	Description	Name
1.0	08-04-2019	Initial version	Kumar Saurav

Approval History

Version	Date	Description	Name
1.0	08-04-2019	Approved version	Lyle E Snyder

Table of Contents

Introduction.....	5
Load Datasheet.....	5
uXLoader Process.....	6
Synchronous Process.....	7
Asynchronous Process.....	8
Sign-On options.....	9
Scenario: SSO.....	9
Scenario: Direct Sign-On.....	11
Define Field Selection.....	11
Personalization.....	12
Personalize Data.....	12
Configuration Table.....	14
Coloring Pattern defined in Configuration Table.....	15
Maintaining Configuration Table.....	15
Value Help.....	16
Prerequisites.....	16
Prepare Data for FMS/RFM Objects.....	17
Necessary Roles for FMS/RFM Objects.....	18
Template Structure for FMS/RFM Objects.....	18
Color Code.....	18
Prerequisites to prepare data for FMS/RFM objects.....	18
Supported Processes.....	18
Key Field.....	18
Tab Structure.....	19
Maintaining Dependent Entity Data.....	28
Check Data.....	29
Synchronous Check.....	29
Asynchronous Check.....	30
Prerequisite: Batch job program for Asynchronous Check.....	30
Steps to perform Asynchronous Check.....	30
Submit Data.....	31
Synchronous Submit.....	31

Asynchronous Submit	32
Prerequisite: Batch job program for Asynchronous Submit	32
Steps to perform Asynchronous Submit	32
Fetch Log	33
Log Trace	34
Change Data	36
Delete Data	37
Appendix A: Internal/External Number Range	39
Number Range Object	40
Appendix B: Glossary	40
Appendix C: Error Handling for FMS/RFM Objects	40
Correcting Error Data and Resubmitting Corrected Data	42

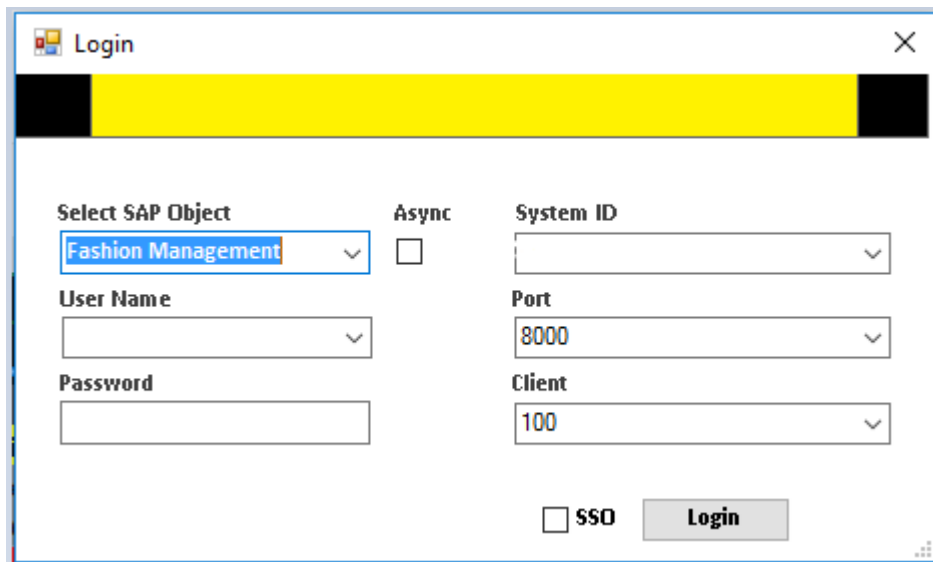
Introduction

This document explains how to use uXLoader for FMS/RFM objects. The following steps are required to upload data for the FMS/RFM objects in SAP MDG:

- [Load Datasheet](#)
- [Define Field Selection](#)
- [Prepare Data for FMS/RFM Objects](#)
- [Check Data](#)
- [Submit Data](#)
- [Fetch Log](#)
- [Log Trace](#)
- [Change Data](#)
- [Delete Data](#)

Load Datasheet

Login to uXLoader and select the specific FMS/RFM object to load the template and prepare data. In the sample screen, "Fashion Management" is displayed as a sample FMS object.



The screenshot shows a "Login" window with a yellow header bar. The window contains the following fields and controls:

- Select SAP Object:** A dropdown menu with "Fashion Management" selected.
- Async:** An unchecked checkbox.
- System ID:** A dropdown menu.
- User Name:** A dropdown menu.
- Port:** A dropdown menu with "8000" selected.
- Password:** A text input field.
- Client:** A dropdown menu with "100" selected.
- SSO:** An unchecked checkbox.
- Login:** A button.

For more reference, find the attached sample templates.

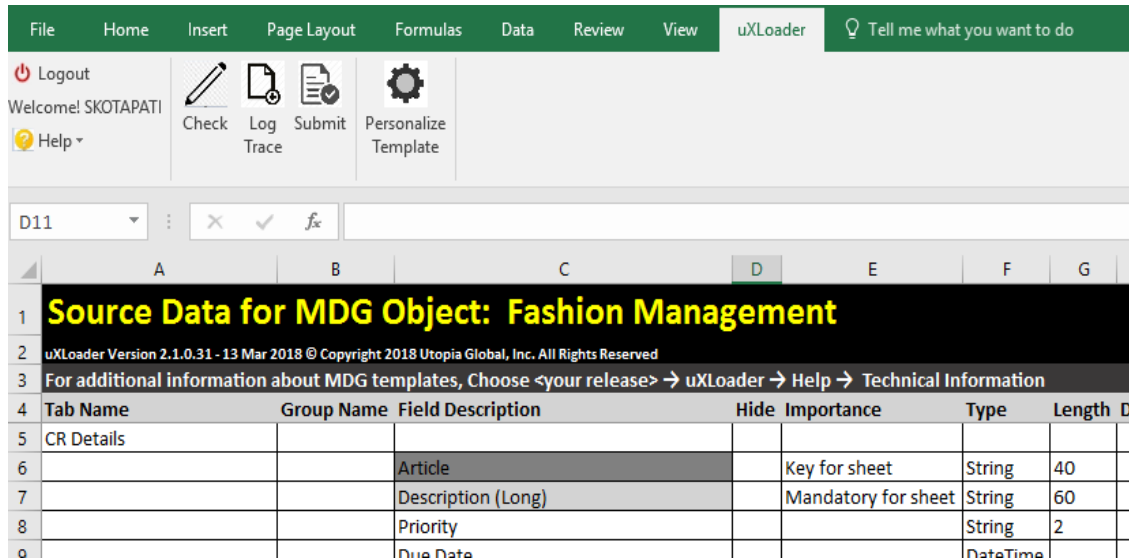


RFM.XLSX



FMS.XLSX

A sample screen is displayed for Sync process for RFM/FMS object.



Tab Name	Group Name	Field Description	Hide	Importance	Type	Length	D
CR Details							
		Article		Key for sheet	String	40	
		Description (Long)		Mandatory for sheet	String	60	
		Priority			String	2	
		Due Date			DateTime		

Note

A new sheet gets generated, when a user logs in for the first time. For RFM/FMS object, the above screen displays the new sheet.

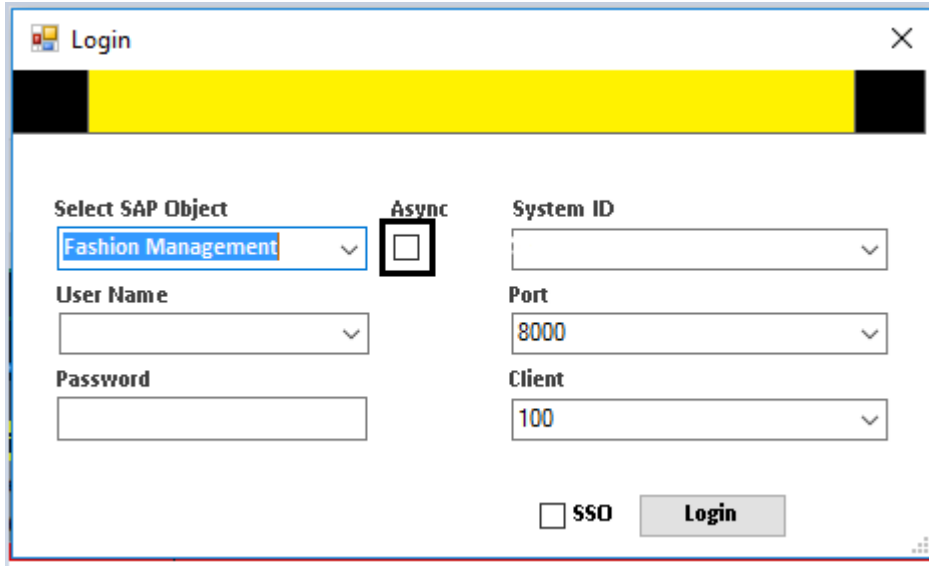
If you log in to update the existing file, the saved file with the same template gets loaded.

uXLoader Process

uXLoader provides two different processes for data processing, which can be selected based on the volume of data to be processed.

- [Synchronous Process](#)
- [Asynchronous Process](#)

In the uXLoader login screen, if you check the “Async” checkbox, the “Asynchronous” process is selected and if it is unchecked then “Synchronous” is selected in the uXLoader. By default, the “Async” checkbox is not selected as displayed in the following screen.



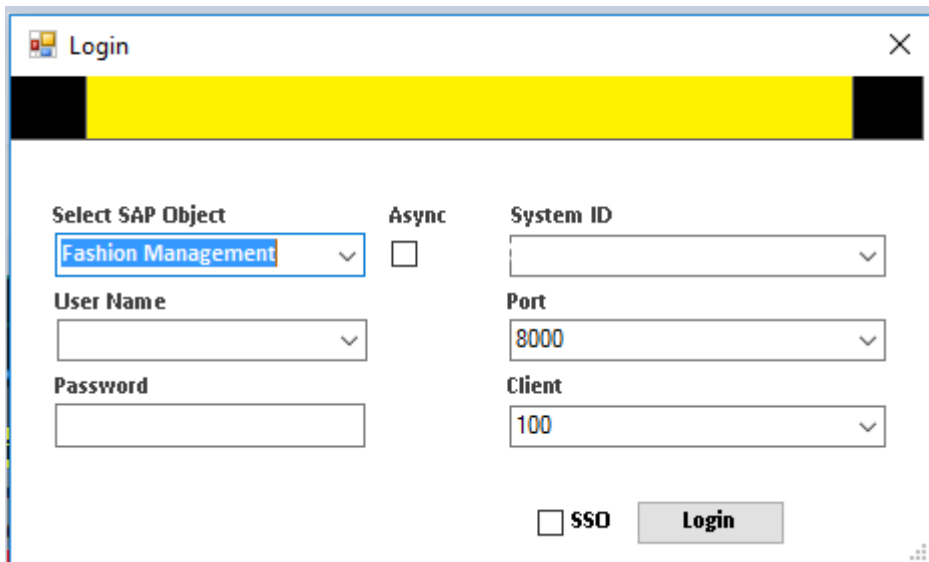
The screenshot shows a 'Login' window with a yellow header bar. The 'Select SAP Object' dropdown is set to 'Fashion Management'. The 'Async' checkbox is checked. The 'System ID' dropdown is empty. The 'User Name' and 'Password' fields are empty. The 'Port' dropdown is set to '8000'. The 'Client' dropdown is set to '100'. The 'SSO' checkbox is unchecked. The 'Login' button is visible.

Synchronous Process

Synchronous process is a one step process to create a Change Request (CR). Synchronous process is preferred for processing less volume of data records i.e. less than 50 records. The following steps are processed once you submit the data from the uXLoader.

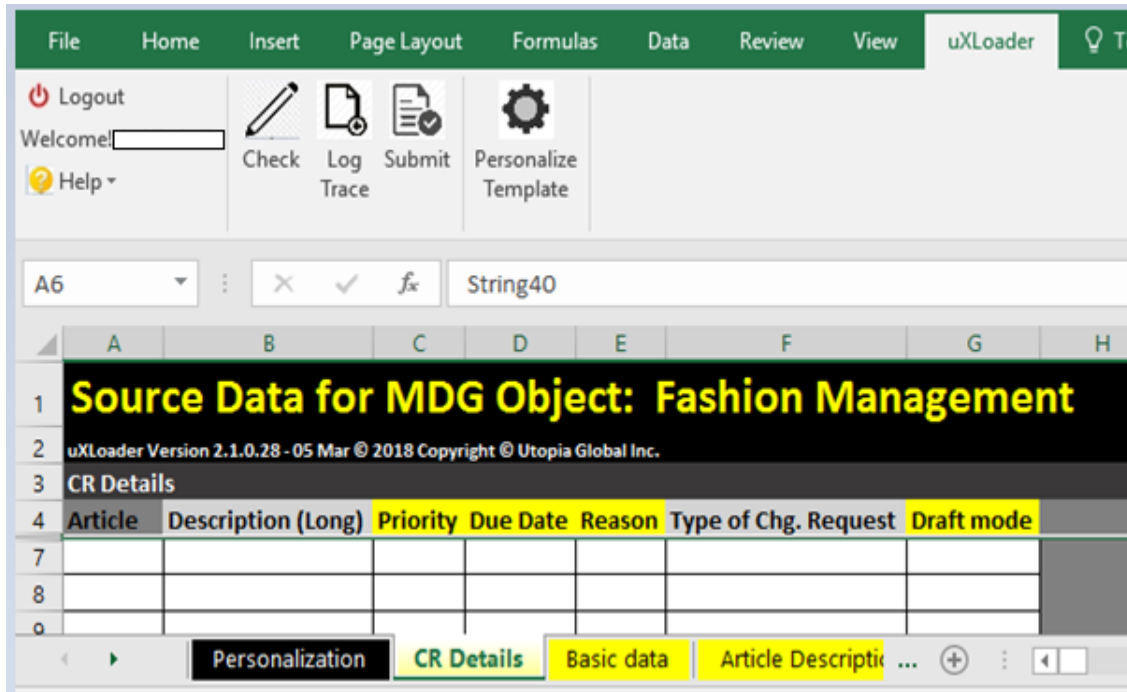
1. Data records from uXLoader are directly processed using MDG API in OData service and CR is created.
2. The results are displayed in the "Return" sheet of the uXLoader, immediately.

The following screen displays the Synchronous process where the "Async" checkbox is unchecked.

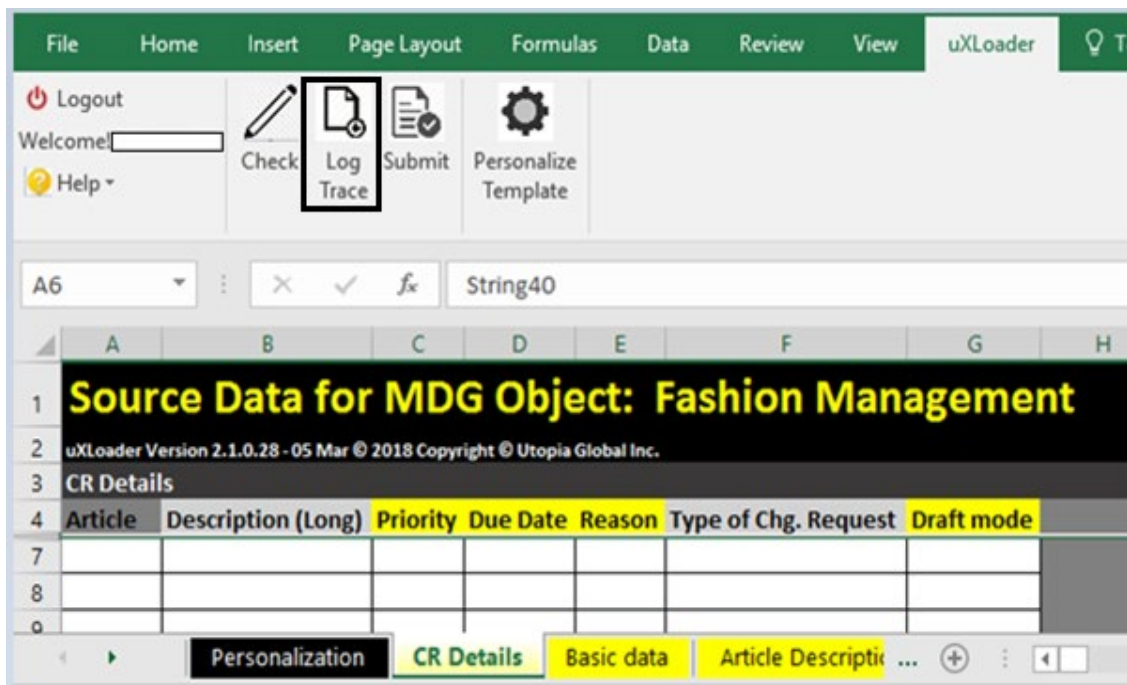


The screenshot shows the same 'Login' window as above, but the 'Async' checkbox is now unchecked. All other fields and buttons remain the same.

The following screen is launched with the "Personalization" tab for RFM/FMS object.



3. Log Trace: To get the details of the error, click on the “Log Trace” button and the errors are displayed on the screen. The errors should be corrected to process the file further.



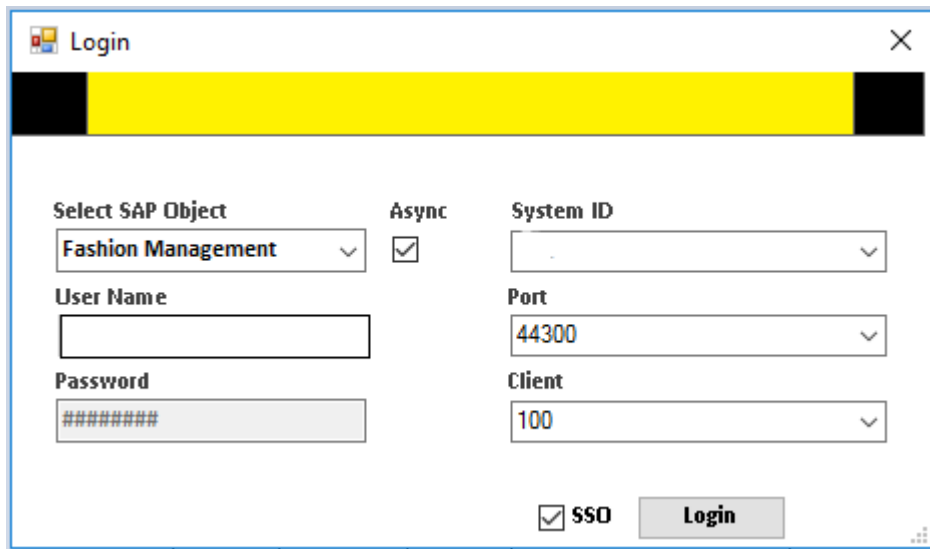
Asynchronous Process

Asynchronous process is preferred for processing large volume of data records i.e. more than 50 records. The following steps are processed once you submit the data from the uXLoader.

1. Data records are saved in the staging tables using the OData services.
2. Program (scheduled in background) fetches the inactive records from staging tables and process the records and finally creates the Change Request (CR) in MDG. Refer [Batch job program for Asynchronous Check](#).

- “Check Log” and “Submit Log” options are displayed, when you click the “Fetch Log” button. The logs are displayed on the “Return” sheet of the uXLoader if you select either “Check Log” and “Submit Log” options.

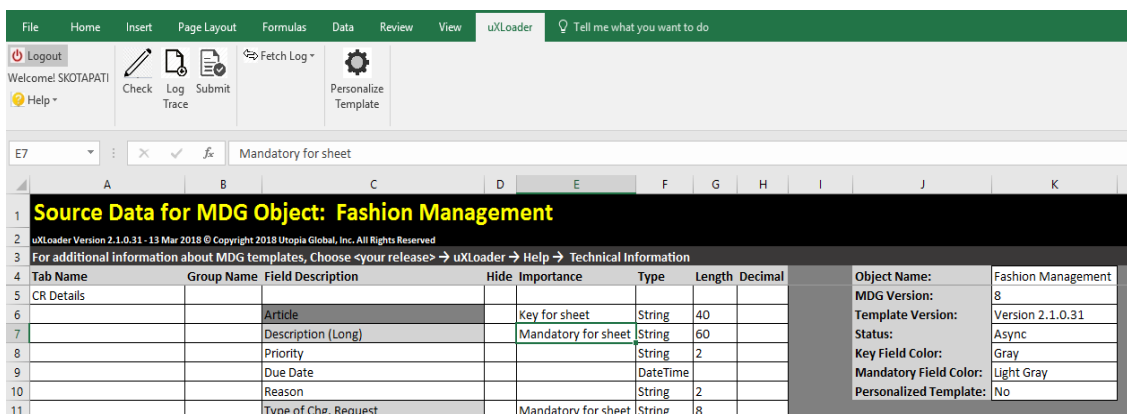
The following screen displays the “Async” checkbox as checked.



The Login dialog box contains the following fields and controls:

- Select SAP Object:** Dropdown menu with "Fashion Management" selected.
- Async:** Checked checkbox.
- System ID:** Dropdown menu.
- User Name:** Text input field.
- Password:** Password input field (masked with #).
- Port:** Dropdown menu with "44300" selected.
- Client:** Dropdown menu with "100" selected.
- SSO:** Checked checkbox.
- Login:** Button.

The following screen is launched with the “Personalization” tab for RFM/FMS object.



The Personalization screen displays the following information:

Tab Name	Group Name	Field Description	Hide	Importance	Type	Length	Decimal
CR Details		Article		Key for sheet	String	40	
		Description (Long)		Mandatory for sheet	String	60	
		Priority			String	2	
		Due Date			DateTime		
		Reason			String	2	
		Type of Chg. Request		Mandatory for sheet	String	8	

Object Name:	Fashion Management
MDG Version:	8
Template Version:	Version 2.1.0.31
Status:	Async
Key Field Color:	Gray
Mandatory Field Color:	Light Gray
Personalized Template:	No

Note

A template gets generated, when you log in for the first time. For RFM/FMS object, the above screen displays the new sheet. If you log in to update the existing file, the saved file with the same template gets loaded.

- Log Trace: To get the details of the error, click on the “Log Trace” button and the errors are displayed on the screen. These errors should be corrected to process the file further.

Sign-On options

Single Sign-On (SSO) feature eliminates the need to enter the credentials multiple times in login screen of the uXLoader and ensures secured sign-on.

uXLoader supports SSO enabled landscape as well as direct sign on.

Scenario: SSO

- Select the System ID where SSO is enabled.

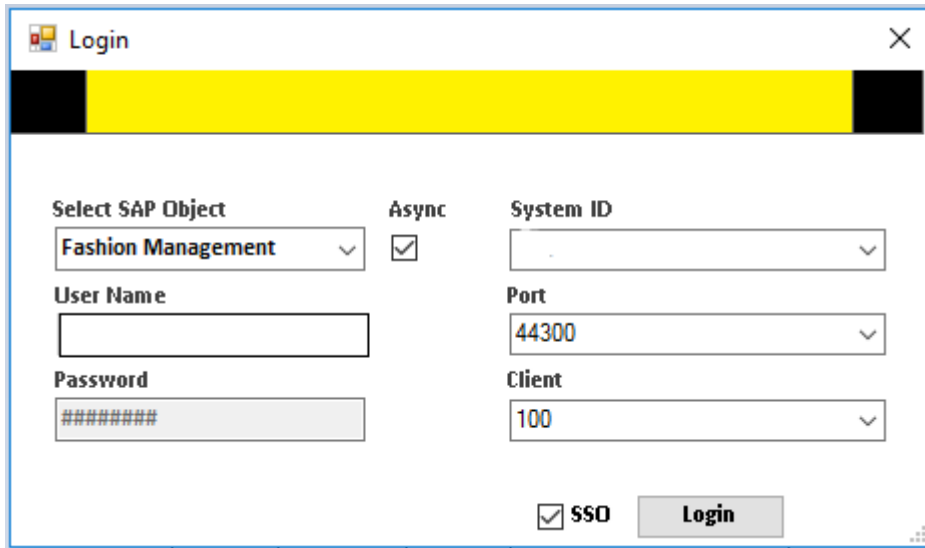
2. Enter the Port 44300.
3. Enter Client 100.

If you try to login next time, the “SSO” checkbox is checked for the logged in user.

Note

It is not required to enter the credential again.

The following screen displays the “SSO” checkbox as checked.

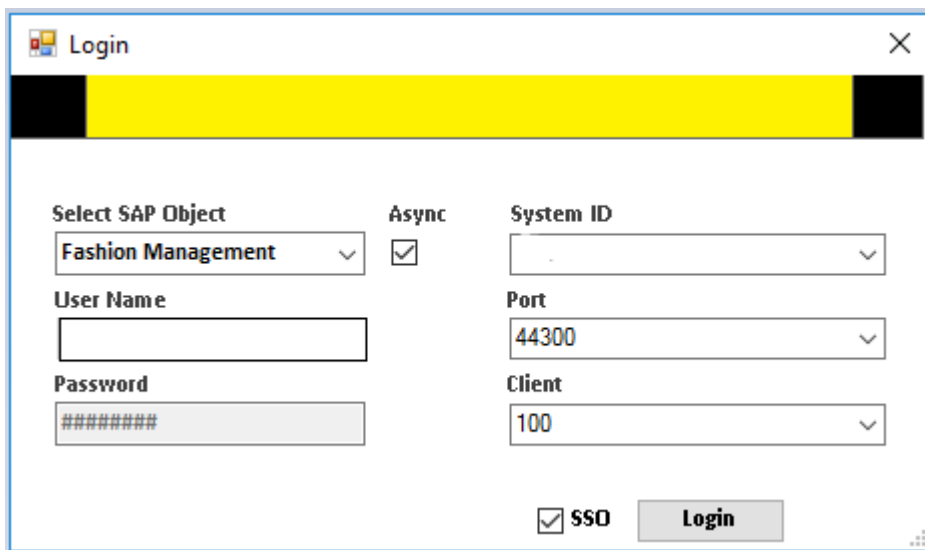


The screenshot shows a 'Login' window with a yellow header bar. The window contains the following fields and controls:

- Select SAP Object:** A dropdown menu with 'Fashion Management' selected.
- Async:** A checkbox that is checked.
- System ID:** A dropdown menu with a blank selection.
- User Name:** A text input field.
- Port:** A dropdown menu with '44300' selected.
- Password:** A text input field with masked characters '#####'.
- Client:** A dropdown menu with '100' selected.
- SSO:** A checkbox that is checked.
- Login:** A button.

Scenario: SSO-enabled

1. Launch the new instance of Excel and repeat the process again as described in [Scenario: SSO](#). The screen of login window is displayed.
2. Click on “Login” button and test the same SSO functionality as described in [Scenario: SSO](#). Login happens successfully.



This screenshot is identical to the one above, showing the 'Login' window with the 'SSO' checkbox checked and the 'Login' button.

Note

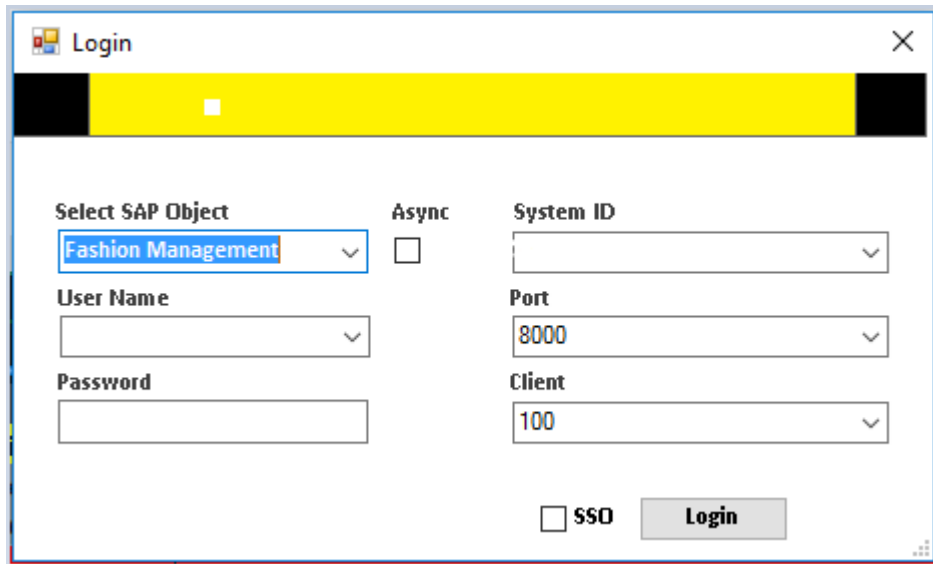
SSO feature works only for Port 44300.

uXLoader works in non-SSO enabled landscape as well as described in the Direct Sign On scenario.

Scenario: Direct Sign-On

1. Select the System ID.
2. Enter the Port 8000.
3. Enter Client 100.
4. Enter your credential respective to the server.

The following screen displays the “SSO” checkbox as unchecked.



After login, the remaining functionality works as usual.

Note

It is required to enter the Port 8000 for the Direct Sign On method.

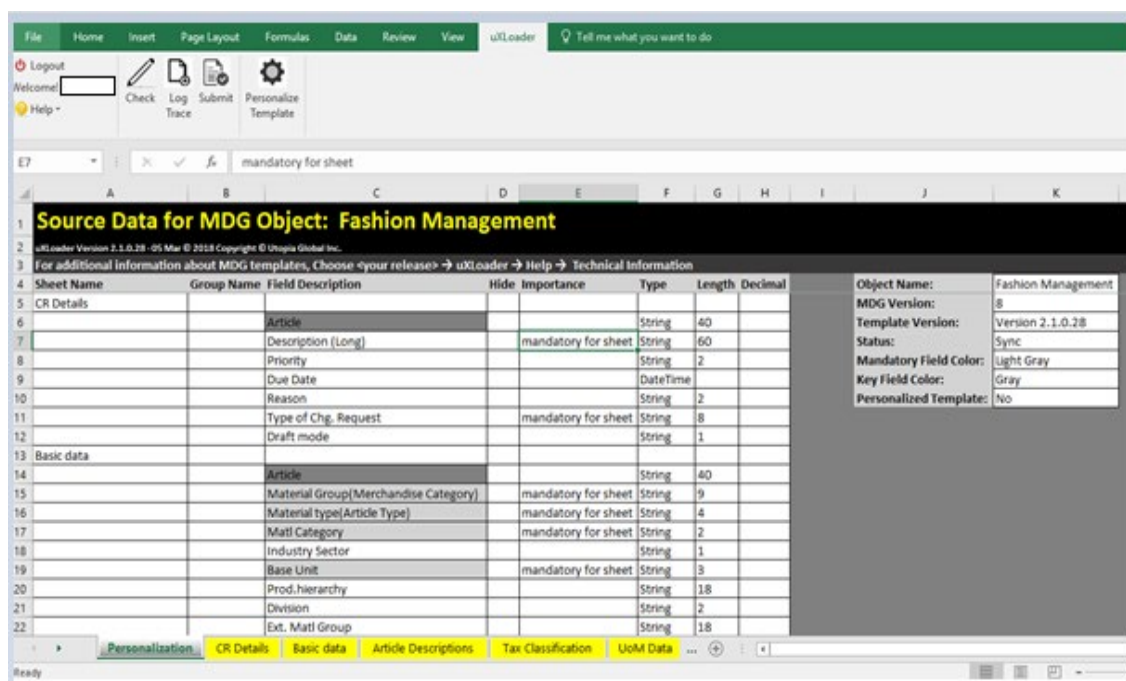
Define Field Selection

You can hide fields/tabs in a data sheet and personalize the data to be displayed using the “Personalization” tab.

Use the following steps to define the selection of a field in uXLoader:

1. Launch the uXLoader and load the datasheet. Refer [Load Datasheet](#) for more information.

The following sample datasheet is displayed with the “Personalization” tab. By default, all fields are displayed.



Personalization

Field selection can be defined in the “Personalization” tab.

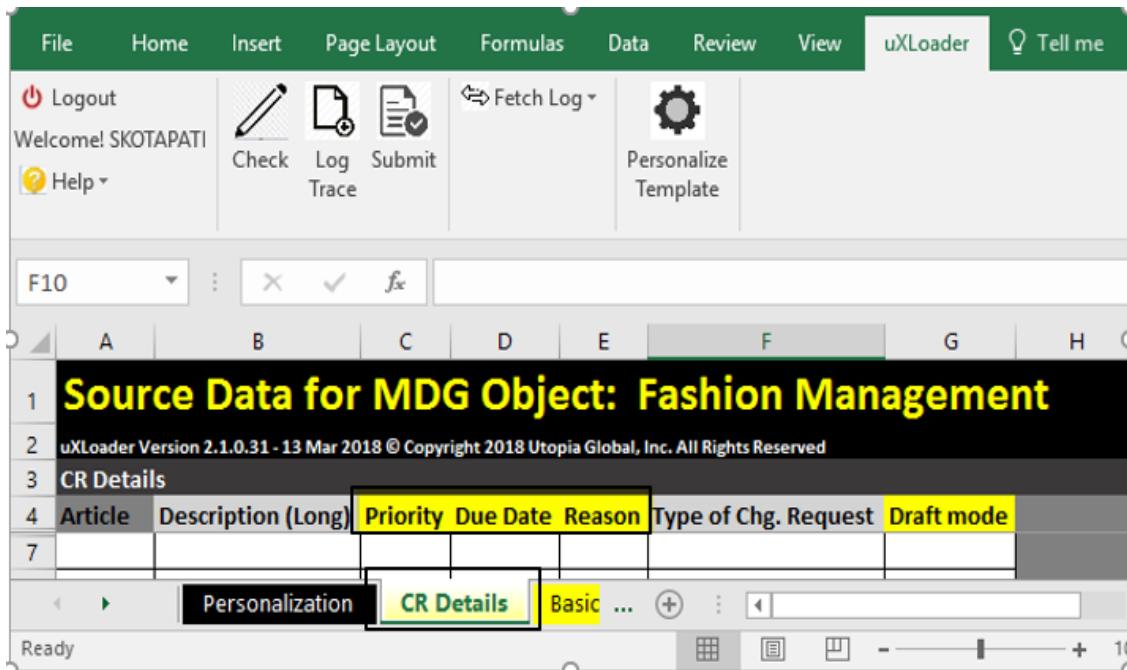
The columns in the “Personalization” tab is described in the following table:

Field	Description
Sheet Name	Displays the Entity
Group Name	Displays the grouping on the fields in that sheet.
Field Description	Field detail
Hide	If this value is given blank then the field is visible. If X is given, the field is hidden. Refer Personalize Data to more details.
Importance	Gives the information if this field is mandatory. This field cannot be hidden
Type	Displays the field type
Length	Displays the field length
Decimal	Displays the number of decimal places allowed if the field contains the decimals.

Personalize Data

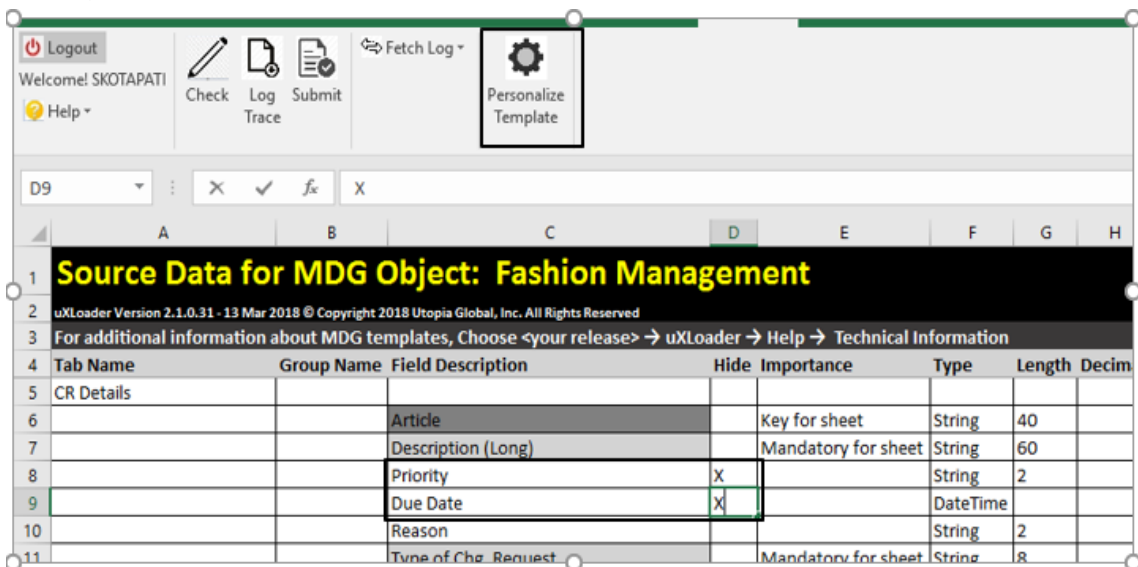
Use the following steps to personalize data:

1. Select any sheet/tab to be personalized. For example, “Priority” and “Due Date” fields need to be hidden in the “CR details” tab.



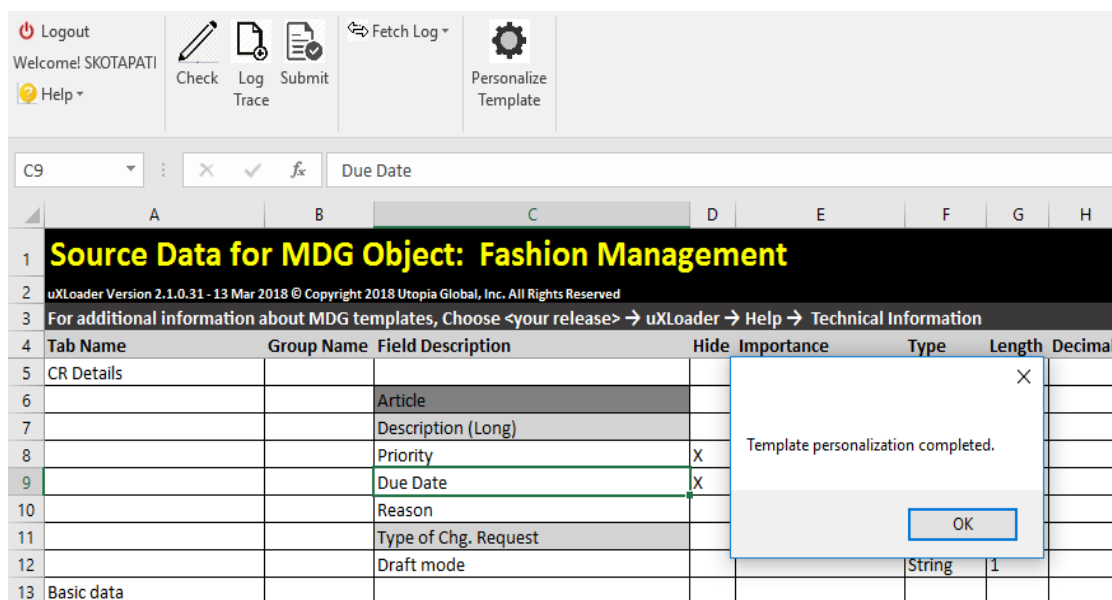
- Go to "Personalization" tab to hide the desired fields.

Type "X" in the Column D corresponding to the fields to be hidden. In the displayed screen, "Priority" and "Due Date" fields are selected.



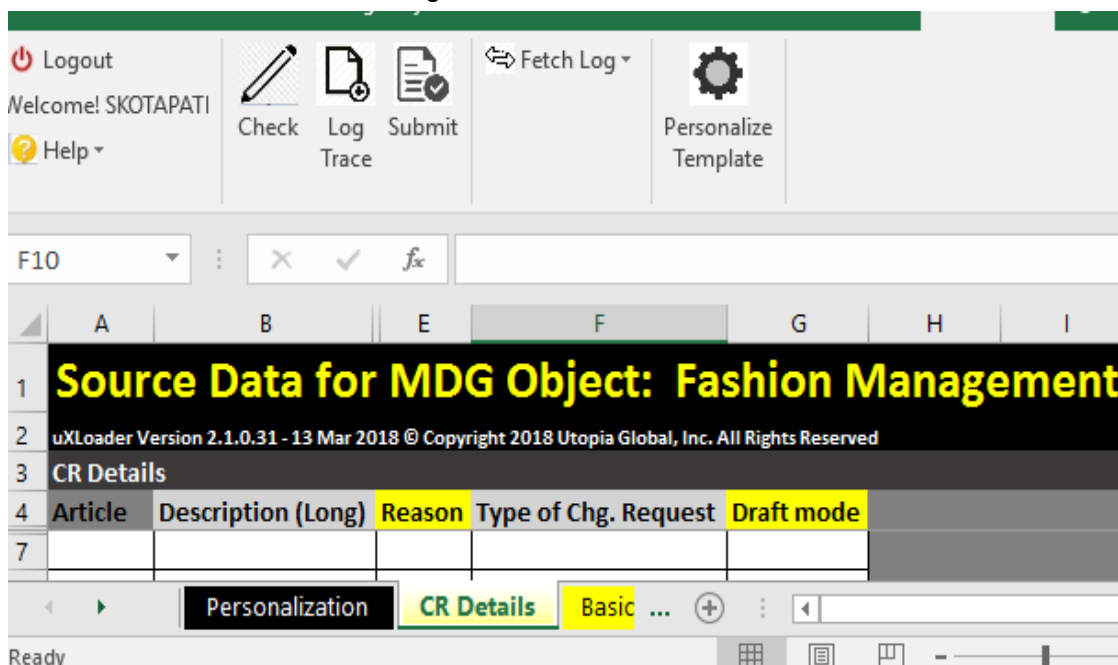
- Click "Personalize Template" button.

A popup message as "Template personalization completed" is displayed.



4. Click “OK”

The fields are hidden in the following screen.



Configuration Table

The configuration table “/UGIRFMXL/CONFIG” is maintained for uXLoader to display the key field, mandatory fields and name of the tab in datasheet.

The configuration table field is listed below.

Field	Purpose
ENTITY	Main entity. For Example, MARA for Fashion Management System.
VIEW_NAME	The sheet name which is displayed in the uXLoader.
ATTRIBUTE	The field name in the Entity.

Field	Purpose
IS_KEY	Should be checked if the field is a key field.
DESCRIPTION	Description of the field.
IS_PKEY	This is the primary key for auto filling the values. For example, Article number in template is present at 5 different places. Entered at one place, it is updated at all the places.
IS_REQUIRED	Mandatory field.

Note









The selection of required fields manually from uXLoader (hide and unhide in the control panel) is not reflected in the database table.

Coloring Pattern defined in Configuration Table

The coloring pattern as defined in the Configuration table is as follows:

IS_KEY is set to "X" the color of the column is:	
IS_REQUIRED is set to "X" the color of the column is:	

Refer the following screen for coloring pattern:

Data Browser: Table /UGIRFMXL/CONFIG Select Entries 54							
							
MAN...	ENTITY	VIEW_NAME	ATTRIBUTE	IS_KEY	DESCRIPTI...	IS_PKEY	IS_REQUIRED
100	MARA	Article Additional	ADDIMAT				X
100	MARA	Article Additional	CLASADD				X
100	MARA	Article Additional	KLASADD				X
100	MARA	Article Descriptions	MAKTX				X
100	MARA	Article Descriptions	MATNR	X		X	X
100	MARA	Article Descriptions	SPRAS				X
100	MARA	Article Hierarchy	HIERID				X
100	MARA	Article Hierarchy	NODE				X

Maintaining Configuration Table


The configuration table should be maintained to achieve the following:


- Key field color highlighting as discussed in the [Coloring Pattern defined in Configuration Table](#).
- Mandatory field color highlighting as discussed in the [Coloring Pattern defined in Configuration Table](#).
- Auto filling the key fields. Refer "IS_PKEY" field in the table above for more information.
- Hiding and unhiding the columns.

To maintain the configuration table, use the following steps:

1. Go to the transaction code SM30.
2. Enter the table name "/UGIRFMXL/CONFIG" and click on "Maintain" button.





Edit Table Views: Initial Screen

 Find Maintenance Dialog

Table/View /UGIRFMXL/CONFIG 

Restrict Data Range




☒ No Restrictions
☐ Enter conditions
☐ Variant


 Display
  Maintain
  Transport
  Customizing

- Click on “New Entries” button.

The following screen is displayed with a sample entry.

Display View "Configuration Table": Overview

Entity ...	View Name	Attribute Name	Is Key?	Description	Is PKey?	Mandatory?
MARA	 Article Additional	ADDIMAT	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
MARA	Article Additional	CLASADD	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
MARA	Article Additional	KLASADD	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
MARA	Article Descriptions	MAKTX	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
MARA	Article Descriptions	MATNR	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Refer UGIRFMXL Configuration Data contains the table values to be maintained in the “Configuration Table/View (/UGIRFMXL/CONFIG) for uXLoader” as displayed in the screen.



Config Entries.xlsx

- Click “Save” button.

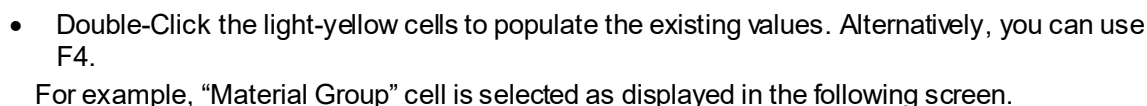
Value Help

Value Help feature helps you find the possible values in a popup window. Value Help field rows are displayed in yellow, and you can select the existing values by a double-click on the cell. An alternative method is to select the cell and click F4. A popup window displays all the values.

Prerequisites

- To display the list of Value Help, download the uXLValueHelp.ini file from the

- BC Sets to be activated for Value Help is /UGIRFMXL/F4_UTILITIES.
- Maintenance view for Value Help table entries is /UGIRFMXL/ V F4.



User Guide
Page 17 of 43

Necessary Roles for FMS/RFM Objects

As a prerequisite, check that the appropriate roles for your implementation requirements have been assigned to users in your MDG instance.

In case the system is configured for RFM, the specific RFM roles should be assigned to the user.

In case the system is FMS, the specific FMS roles should be assigned to the user.

Template Structure for FMS/RFM Objects

The template structure defines the different parameters required to fill valid data in uXLoader.

Color Code

The following color code is followed in uXLoader to maintain data:



Dark grey as key field



Light grey as mandatory field



Yellow as optional field

Prerequisites to prepare data for FMS/RFM objects

To work with Fashion Management System (FMS) in uXLoader you require the following:

- Necessary Master/Customization data should exist in the system. Example: Class and Characteristics, Segmentation Structure, Segmentation Strategy, DC's/Stores, Plants etc.
- Maintaining Change Request Type for Article.
- Setting up of Workflow for Change Request Type.
- Processor assignments to be maintained.

Supported Processes

The following processes are supported for Fashion Management System:

- Create Article with Class and Characteristics.
- Create Article without Class and Characteristics.
- Create Article with Segmentation.
- Create Article without Segmentation.
- Create Generic Article with Variants
- Change of Article.

Key Field

MARA



Existing Article is considered for Change scenario only. This cannot be created again in the Create scenario.

Tab Structure

Each datasheet represents one Entity as displayed in the following sample datasheet.

1. Datasheet "CR Details" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	CR Details						
4	Article	Description (Long)	Priority	Due Date	Reason	Type of Chg. Request	Draft mode
7							
8							
9							

Ready Count: 0

2. Datasheet "Basic data" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Basic data						
4	Article	Material Group(Merchandise Category)	Material type(Article Type)	Matl Category	Industry Sector	Base Unit	Prod.hierarchy Division
7							
8							
9							

Ready Count: 0

3. Datasheet "Article Descriptions" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Article Descriptions						
4	Article	Language	Description				
7							
8							
9							

Ready Count: 0

4. Datasheet "Tax Classification" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Tax Classification						
4	Article	Country	Tax category	Tax classific.			
7							
8							
9							

Ready Count: 0

5. Datasheet "UoM Data" displaying its attributes.

1

Source Data for MDG Object: Fashion Management

2

uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.

3

UoM Data

4

Article	AlternativeUnit	Counter	Denominator	EAN/UPC	EAN category	Length	Width

7

8

9

10

◀▶...

Tax Classification

UoM Data

Seg Weights n Volume

⋮⋮

6. Datasheet “Seg Weights n Volume” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Seg Weights n Volume						
4	Article	AlternativeUnit	Stock Segment	Cross-plant CM	Volume	Gross Weight	Net weight
7							
8							
9							
10							

Navigation: Tax Classification | UoM Data | **Seg Weights n Volume**

7. Datasheet “Variant Class Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Variant Class Data						
4	Article	Variant Class	Var. Class Type	Variants	Charact Value	var combination	Variant number
7							
8							
9							
10							

Navigation: Seg Weights n Volume | **Variant Class Data** | Characteristic

8. Datasheet “Characteristic Profile” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Characteristic Profile						
4	Article	Class					
7							
8							
9							
10							

Navigation: Variant Class Data | **Characteristic Profile** | Characteristic Va

9. Datasheet “Characteristic Values” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Characteristic Values						
4	Article	Characteristic	Int. counter	Char. Value	Description	Variant Char Restrict	Sort Position
7							
8							
9							

Navigation: ... Characteristic Profile **Characteristic Values** Classification ...

10. Datasheet "Classification" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Classification						
4	Article	Class	Class Type	Int. counter for Class	Deletion Ind for Class	Status	Character ID
7							
8							
9							

Navigation: ... Characteristic Values **Classification** BOM Component ...

11. Datasheet "BOM Component" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	BOM Component						
4	Article	Component	Article UoM	Description	Quantity	Single-Character Flag	Component UoM
7							
8							
9							

Navigation: ... Classification **BOM Component** Basic data Text Retail ...

Note

In case of Sales set or Prepack article, NOT to pass the data in Article UoM and Component UoM fields in the "BOM Component" tab of uXLoader. The Component UoM is defaulted from the Base UoM.

For article type "Sales Set" or "Prepack", Component UoM gets defaulted, you need not input Article UoM and Component UoM fields in the "BOM Component" tab of uXLoader.

12. Datasheet "Basic data Text" displaying its attributes.

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	Basic data Text			
4	Article	Language	Text Note	Deletion Ind.
7				
8				
9				

Navigation: ... BOM Component **Basic data Text** Retail Specific Fields ...

13. Datasheet "Retail Specific Fields" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Retail Specific Fields							
4	Article	Asmt List Type	Service agreemt	ABC Indicator	Purch. Group	Sales unit	Unit of issue	Ctry c
7								
8								
9								

Navigation: BOM Component | Basic data Text | **Retail Specific Fields** | ... (+) | < >

14. Datasheet "Assortment" displaying its attributes.

1	Source Data for MDG Object: Fashion Management									
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.									
3	Assortment									
4	Article	Assortment	Sales Org.	Distr. Channel	Name 1	Valid From	Valid to	Execute listing	Listed	Del. level
7										
8										
9										
10										
11										

Navigation: Retail Specific Fields | **Assortment** | Purchase Info Data | ... (+) | < >

15. Datasheet "Purchase Info Data" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Purchase Info Data							
4	Article	Vendor	Purchasing org.	Site	Order Unit	1st Rem./Exped.	2nd Rem./Exped.	3rd Re
7								
8								
9								

Navigation: Assortment | **Purchase Info Data** | PIR Texts Data | PO Te: ... (+) | < >

16. Datasheet "PIR Texts Data" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	PIR Texts Data							
4	Article	Vendor	Purchasing org.	Plant	Language	Info record	Text ID	Text Note
7								
8								
9								
10								

Navigation: Assortment | Purchase Info Data | **PIR Texts Data** | PO Te: ... (+) | < >

Ready

17. Datasheet "PO Text Data" displaying its attributes.

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	PO Text Data			
4	Article	Language	Text Note	Deletion Ind.
7				
8				
9				
<div> <div>◀ ▶ ...</div> <div>PIR Texts Data</div> <div>PO Text Data</div> <div>PIR Seg Data</div> <div>Sales Data</div> <div>...</div> <div>⊕</div> <div>⋮</div> <div>◀ ▶</div> </div>				

18. Datasheet “PIR Seg Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	PIR Seg Data			
4	Article	Vendor	Purchasing org.	Plant
7				
8				
9				
<div> <div>◀ ▶ ...</div> <div>PIR Texts Data</div> <div>PO Text Data</div> <div>PIR Seg Data</div> <div>Sales Data</div> <div>...</div> <div>⊕</div> <div>⋮</div> <div>◀ ▶</div> </div>				

19. Datasheet “Sales Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	Sales Data			
4	Article	Sales Org.	Distr. Channel	DF DChain level
7				
8				
9				
<div> <div>◀ ▶ ...</div> <div>PO Text Data</div> <div>PIR Seg Data</div> <div>Sales Data</div> <div>Sales Text</div> <div>S ...</div> <div>⊕</div> <div>⋮</div> <div>◀ ▶</div> </div>				

20. Datasheet “Sales Text” displaying its attributes.

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	Sales Text			
4	Article	Sales Org.	Distr. Channel	Language
7				
8				
9				
<div> <div>◀ ▶ ...</div> <div>PO Text Data</div> <div>PIR Seg Data</div> <div>Sales Data</div> <div>Sales Text</div> <div>S ...</div> <div>⊕</div> <div>⋮</div> <div>◀ ▶</div> </div>				

21. Datasheet “Seg Sales Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Seg Sales Data						
4	Article	Sales Org.	Distr. Channel	Reqmnt Segment	DChain-spec.	Valid from	Cross-plant CM
7							
8							
9							

Navigation: Sales Text | **Seg Sales Data** | Article Hierarchy | Logistics | ...

22. Datasheet "Article Hierarchy" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Article Hierarchy						
4	Article	Hierarchy	Hierarchy Node	Main Assignment	Node Description	PNode Description	Parent Node
7							
8							
9							

Navigation: Sales Text | Seg Sales Data | **Article Hierarchy** | Logistics | ...

23. Datasheet "Logistics DC and Store" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Logistics DC and Store							
4	Article	Plant	P-S matl status	Valid from	ABC Indicator	Critical Part	Purch. Group	Unit of iss
7								
8								
9								

Navigation: Article Hierarchy | **Logistics DC and Store** | Valuation Data | ...

24. Datasheet "Valuation Data" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Valuation Data							
4	Article	Valuation area	Valuation Type	Total Stock	Total Value	Price control	Moving price	Sta
7								
8								
9								

Navigation: Valuation Data | Seg Valuation | Warehouse and Storage | ...

25. Datasheet "Seg Valuation" displaying its attributes.

1	Source Data for MDG Object: Fashion Management					
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.					
3	Seg Valuation					
4	Article	Plant	Stock Segment	Preference Seg.	Valuation Type	
7						
8						
9						
<div> <div>◀ ▶ ...</div> <div>Valuation Data</div> <div>Seg Valuation</div> <div>Warehouse and Storage</div> <div>... +</div> <div>◀ ▶</div> </div>						

26. Datasheet “Warehouse and Storage” displaying its attributes.

1	Source Data for MDG Object: Fashion Management					
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.					
3	Warehouse and Storage					
4	Article	Warehouse No.	Del. Ind.	Warehouse No.	Storage Sect.ID	Stock placement
7						
8						
9						
<div> <div>◀ ▶ ...</div> <div>Valuation Data</div> <div>Seg Valuation</div> <div>Warehouse and Storage</div> <div>... +</div> <div>◀ ▶</div> </div>						

27. Datasheet “Seg WH n Storage” displaying its attributes.

1	Source Data for MDG Object: Fashion Management					
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.					
3	Seg WH n Storage					
4	Article	Warehouse No.	Stock Segment	Del. Ind.	Warehouse no.	Storage Sect.ID
7						
8						
9						
<div> <div>◀ ▶ ...</div> <div>Warehouse and Storage</div> <div>Seg WH n Storage</div> <div>Forecast Para</div> <div>... +</div> <div>◀ ▶</div> </div>						

28. Datasheet “Forecast Parameters” displaying its attributes.

1	Source Data for MDG Object: Fashion Management					
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.					
3	Forecast Parameters					
4	Article	Plant	Forecast Prof.	Model selection	Model slct pro.	Parameter optim
7						
8						
9						
<div> <div>◀ ▶ ...</div> <div>Seg WH n Storage</div> <div>Forecast Parameters</div> <div>POS Control Data</div> <div>... +</div> <div>◀ ▶</div> </div>						

29. Datasheet “POS Control Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	POS Control Data							
4	Article	Sales org.	Distrib.channel	Plant	No repeat key	Price required	For sale from	For sale
7								
8								
9								

Navigation: Forecast Parameters | **POS Control Data** | Substitution Article ...

30. Datasheet "Substitution Article" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Substitution Article							
4	Original Article	FU/Repl. Material	Assortment	Substit. Profile	Valid From	Valid To	Assignment	
7								
8								
9								

Navigation: POS Control Data | **Substitution Article** | Article Additional ...

31. Datasheet "Article Additional" displaying its attributes.

1	Source Data for MDG Object: Fashion Management									
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.									
3	Article Additional									
4	Article	Key	Price calc.	Int class no.	Procedure	Bill-to party	Additional Article	Assignment	Class	Class type
7										
8										
9										

Navigation: Substitution Article | **Article Additional** | Inspection Text ...

32. Datasheet "Inspection Text" displaying its attributes.

1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.							
3	Inspection Text							
4	Article	Language	Text Note	Deletion Ind.				
7								
8								
9								

Navigation: Substitution Article | Article Additional | **Inspection Text** ...

33. Datasheet "Layout Modules" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Layout Modules						
4	Article	Unit of Measure	Layout Mod.	Seq.no.lay.mod	Sort sequence	Main layout mod	Faci
7							
8							
9							

Navigation: Inspection Text | **Layout Modules** | UoM Additional Texts

34. Datasheet “UoM Additional Texts” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	UoM Additional Texts						
4	Article	Language	AlternativeUnit	Text ID	Consecutive no.	Descr. for unit	
7							
8							
9							

Navigation: Inspection Text | Layout Modules | **UoM Additional Texts**

35. Datasheet “Article EAN Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Article EAN Data						
4	Article	Unit of Measure	Consecutive no.	EAN/UPC	EAN category	Main EAN	Seg. Value
7							
8							
9							

Navigation: **Article EAN Data** | Seasons Data | Textile n Fiber Component

36. Datasheet “Seasons Data” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Seasons Data						
4	Article	Reqmnt Segment	Season Year	Season	Collection	Theme	Season Type 1
7							
8							
9							

Navigation: Article EAN Data | **Seasons Data** | Textile n Fiber Component

37. Datasheet “Textile n Fiber Components” displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Textile n Fiber Components						
4	Article	TexCompPosition	TxtlCompntCode	Animal Origin	TexFib Position	Txtl.Fiber Code	Perc. Share
7							
8							
9							

Seasons Data Textile n Fiber Components Vendor dependen ...

38. Datasheet "Vendor dependent char" displaying its attributes.

1	Source Data for MDG Object: Fashion Management						
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.						
3	Vendor dependent char						
4	Article	Vendor	Int. counter	Internal char.	Ven.Char. Value	Char. value	Description
7							
8							
9							

Textile n Fiber Components Vendor dependent char

Note

If the standard data model is enhanced, there could be a change in the above column IDs.

Maintaining Dependent Entity Data

To maintain the dependent Entity data, the main Entity data must be maintained, else, the dependent data will be ignored.

For example, considering Class and Characteristic data, Class in the main Entity and the Characteristic data is the dependent Entity.

If the Classification data is maintained, the Characteristic data is considered as displayed in the following screen.

	A	B	C	D	E	F	G	H	I
1	Source Data for MDG Object: Fashion Management								
2	uXLoader Version 2.1.0.30 - 09 Mar 2018 © Copyright 2018 Utopia Global, Inc. All Rights Reserved								
3	Classification								
4	Article	Class	Class Type	Int. counter for Class	Deletion Ind for Class	Status	Character ID	Char. Value	Int. counter for Characteristic
7	SK1706	ADDITIO	001				ZSEG	01	
8	SK1707	ADDITIO	001				ZSEG	01	
9	SK1708	ADDITIO	001				ZSEG	01	
10	SK1709	ADDITIO	001				ZSEG	01	
11	SK1710	ADDITIO	001				ZSEG	01	
12	SK1711	ADDITIO	001				ZSEG	01	
13	SK1712	ADDITIO	001				ZSEG	01	
14	SK1713	ADDITIO	001				ZSEG	01	

If the Characteristic data is maintained without Classification data), the Characteristics data is ignored as displayed in the following screen.

	A	B	C	D	E	F	G	H
1	Source Data for MDG Object: Fashion Management							
2	uXLoader Version 2.1.0.30 - 09 Mar 2018 © Copyright 2018 Utopia Global, Inc. All Rights Reserved							
3	Classification							
4	Article	Class	Class Type	Int. counter for Class	Deletion Ind for Class	Status	Character ID	Char. Value
7	SK1706						ZSEG	01
8	SK1707						ZSEG	01
9	SK1708						ZSEG	01
10	SK1709						ZSEG	01
11	SK1710						ZSEG	01
12	SK1711						ZSEG	01
13	SK1712						ZSEG	01
14	SK1713						ZSEG	01

Check Data

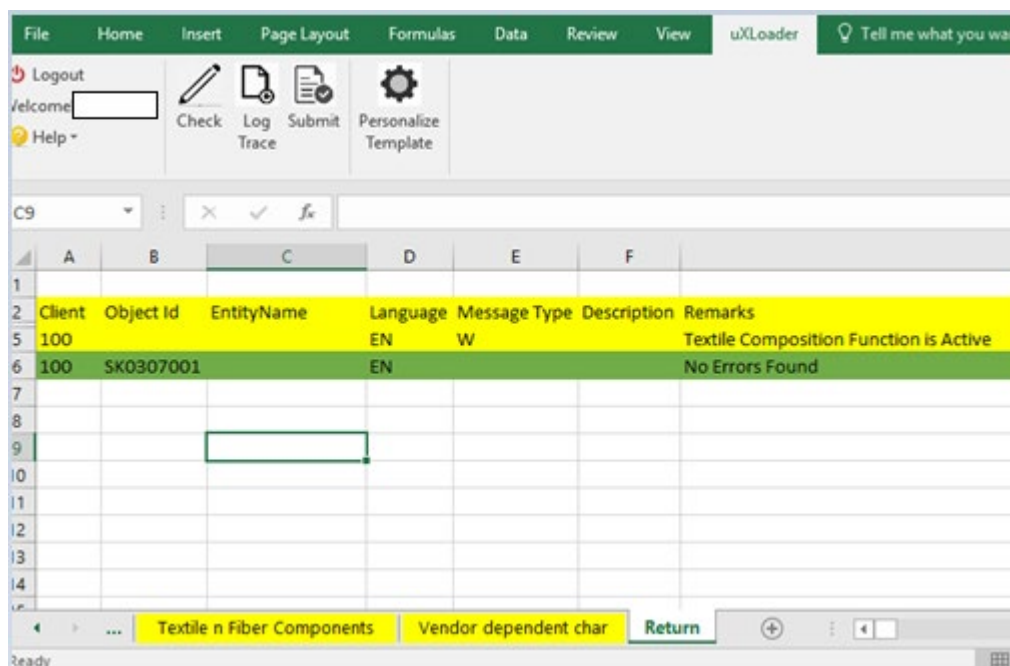
The “Check” button is used to validate the given input data in uXLoader. There are two types of checks.

- [Synchronous Check](#)
- [Asynchronous Check](#)

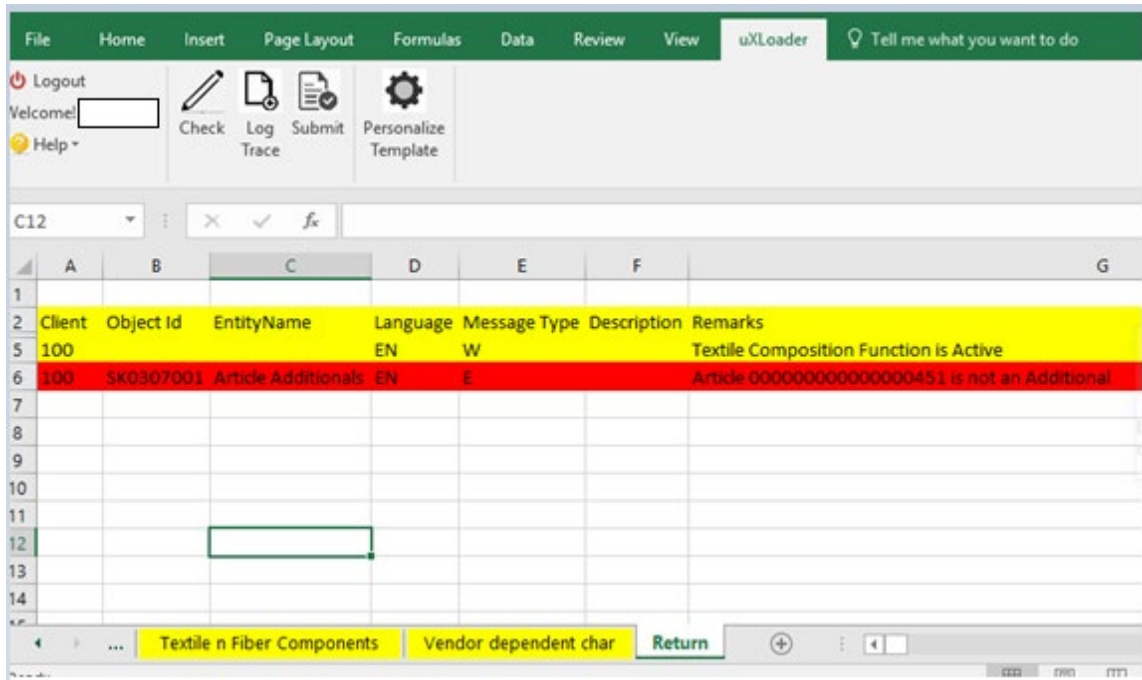
Synchronous Check

The “Check” button is used to check the consistency of data across uXLoader.

Click on “Check” button to perform the function.



In case of inconsistency, error is displayed in “Return” sheet.



The screenshot shows the uXLoader application interface. At the top, there is a green navigation bar with tabs: File, Home, Insert, Page Layout, Formulas, Data, Review, View, and uXLoader. Below this is a toolbar with buttons for Logout, Welcome, Help, Check, Log Trace, Submit, and Personalize Template. The main area displays a data table with columns: Client, Object Id, EntityName, Language, Message Type, Description, and Remarks. The table has three rows of data. The first row (row 5) is highlighted in yellow and contains: Client 100, Object Id, EntityName, Language EN, Message Type W, and Remarks Textile Composition Function is Active. The second row (row 6) is highlighted in red and contains: Client 100, Object Id SK0307001, EntityName Article Additional, Language EN, Message Type E, and Remarks Article 0000000000000000451 is not an Additional. The third row (row 7) is empty. At the bottom of the table, there is a status bar with buttons for Textile n Fiber Components, Vendor dependent char, and Return.

Client	Object Id	EntityName	Language	Message Type	Description	Remarks
100			EN	W		Textile Composition Function is Active
100	SK0307001	Article Additional	EN	E		Article 0000000000000000451 is not an Additional

Refer [Appendix C: Error Handling and Error Highlighting for FMS/RFM Objects](#) for more information.

The log is displayed in the “Return” sheet to view the results.

Asynchronous Check

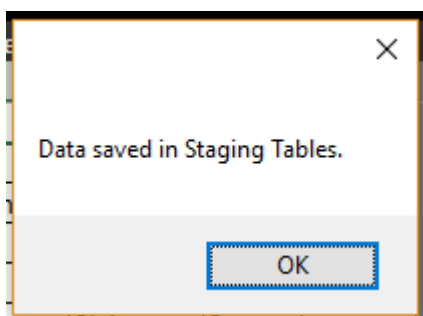
Prerequisite: Batch job program for Asynchronous Check

This background program is scheduled to check consistency of data saved in the Staging table.

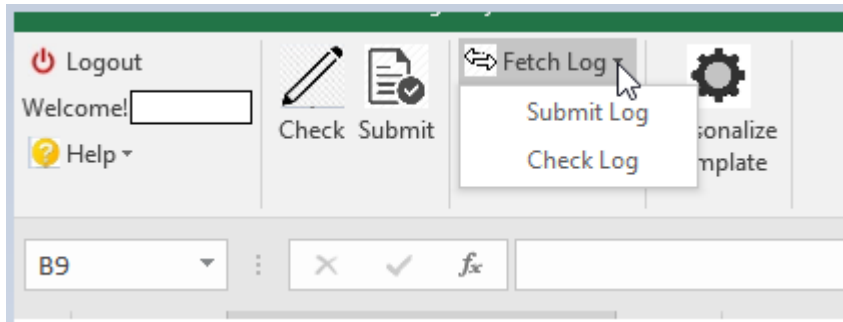
- Fashion Management : /UGIRFMXL/BCKGRND_CHK_PROC_FMS
- Retail Fashion Management: /UGIRFMXL/BCKGRND_CHK_PROC_RFM

Steps to perform Asynchronous Check

1. Log in Asynchronous mode, and click on the “Check” button.
A pop up is displayed as in the screen: “Data saved in Staging Tables”.



2. Check the error log by navigating to Fetch log → Check Log.



The Check Log is displayed.

	A	B	C	D	E	F	
1							
2	Client	Object Id	EntityName	Language	Message Type	Description	Remarks
5	100			EN	W		Textile Composition Function is Active
6	100	SK0307001		EN			No Errors Found
7							

Submit Data

The “Submit” button is used to validate and create Change Request for a given input data in uXLoader.

There are two ways of submitting the data.

- [Synchronous Submit](#)
- [Asynchronous Submit](#)

Synchronous Submit

Use the following steps to submit data:

1. Click “Submit” button to process the prepared data.
The submitted data is processed and the log is displayed in the “Return” sheet.
Refer [Appendix C: Error Handling for FMS Objects](#) for more information.
2. Click “Return” sheet to check the processed CR data.
The CR is generated successfully and the displayed data is in green color with a CR number. In case of errors, no CR is generated and error log is displayed in the red color.

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Client	Object Id	Language	Message	1Descriptio	Remarks					
6	100		E	W		Textile Composition Function is Active					
7	100	ST60112345	E	S		You have submitted change request 000000001158					

i Note

After successfully creating the CR number, you must log into SAP MDG to process the CR. Depending on whether you are working with FMS/RFM Change Request Types or per your local customizations, the workflow steps vary.

You can follow the listed sequence of steps for FMS/RFM objects:

- Approve/Activate the CR in MDG
- Check data in host system
- Check the created data in the operational system if replication is relevant

Asynchronous Submit

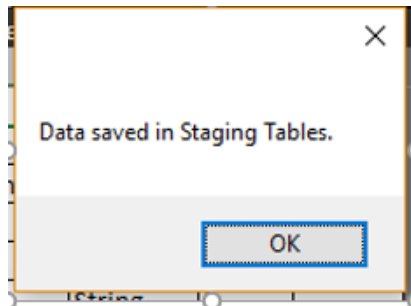
Prerequisite: Batch job program for Asynchronous Submit

This background program is scheduled to check consistency of data saved in the Staging table.

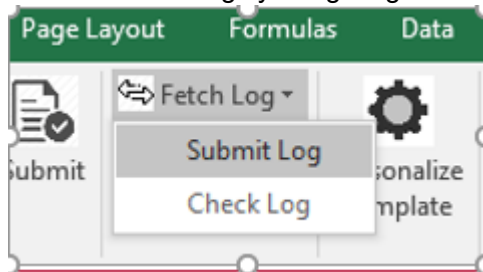
- Fashion Management: /UGIRFMXL/FMS_TABLE_PROCESS
- Retail Fashion Management: /UGIRFMXL/RFM_TABLE_PROCESS

Steps to perform Asynchronous Submit

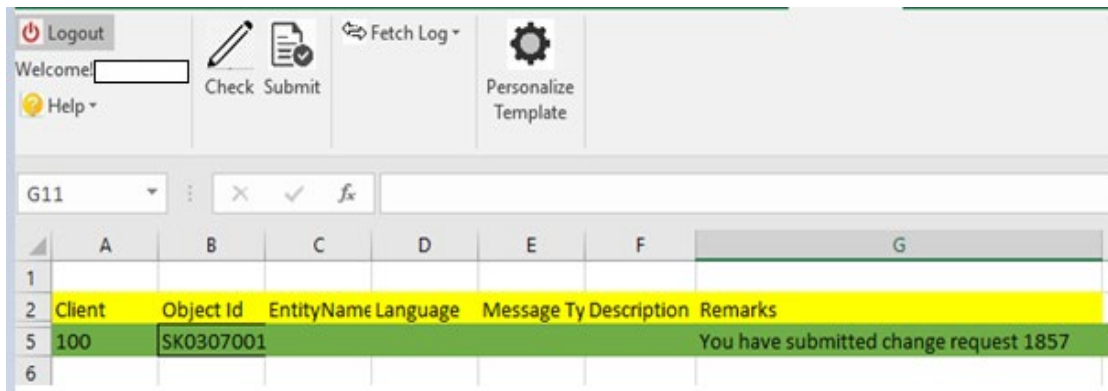
1. Log in Asynchronous mode, and click on “Submit”.
A pop up is displayed as “Data saved in Staging Tables”.



Check the error log by navigating to Fetch log → Submit Log.



The result is shown in the “Return” tab.



	A	B	C	D	E	F	G
1							
2	Client	Object Id	EntityName	Language	Message Ty	Description	Remarks
5	100	SK0307001					You have submitted change request 1857
6							

Note

After successfully creating the CR number, you must log into SAP MDG to process the CR. Depending on whether you are working with FMS/RFM Change Request Types or per your local customizations, the workflow steps vary.

You can follow the listed sequence of steps for FMS/RFM objects:

- Approve /Activate the CR in MDG
- Check data in host system
- Check the created data in the operational system if replication is relevant

Fetch Log

Fetch Log displays the error logs in Asynchronous mode where you process large volume of data records i.e. more than 50 records.

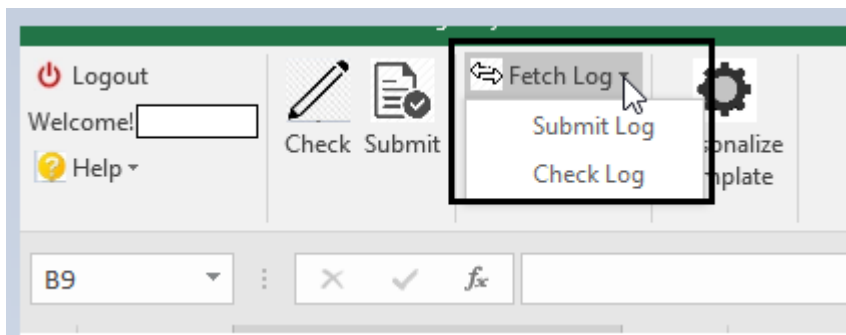
The following steps are processed once you click “Check” or “Submit” the data from the uXLoader in Asynchronous mode.

1. Data records are saved in the staging tables using the OData services.
2. Program (scheduled in background) fetches the inactive records from staging tables and process the records and finally creates the CR (Change Request) in MDG.

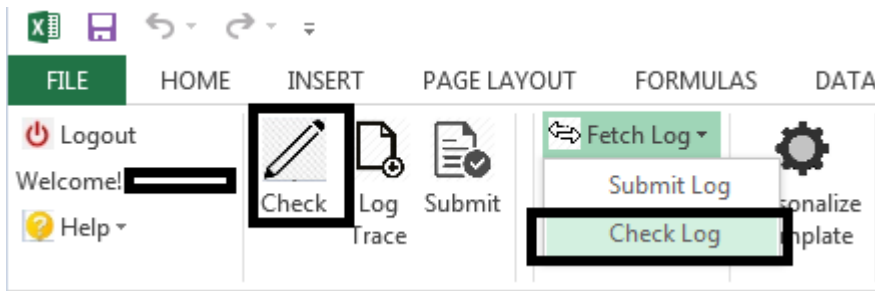
Refer [Batch job program for Asynchronous Check](#).

Refer [Batch job program for Asynchronous Submit](#)

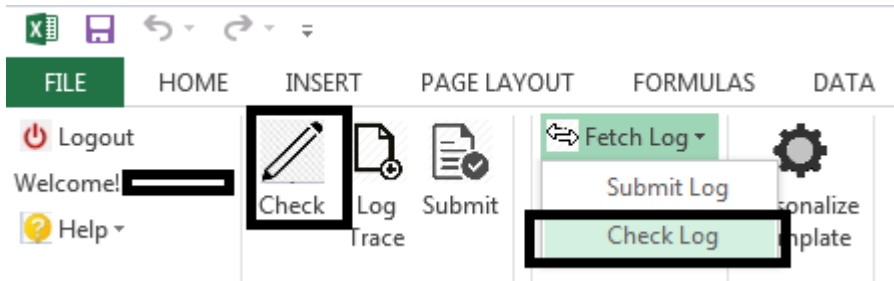
3. Select “Fetch Log” drop-down to display “Submit Log” and “Check Log” options as displayed in the following screen.



- a. If you click “Check”, you can see the results by clicking “Check Log” option.



b. If you click “Submit”, you can see the results by clicking “Submit Log”.



Logs are displayed on the “Return” sheet of the uXLoader if you select either “Check Log” and “Submit Log” options as displayed in the following screen.

	A	B	C	D	E	F	
1							
2	Client	Object Id	EntityName	Language	Message Type	Description	Remarks
3	100			EN	W		Textile Composition Function is Active
6	100	SK0307001		EN			No Errors Found
7							

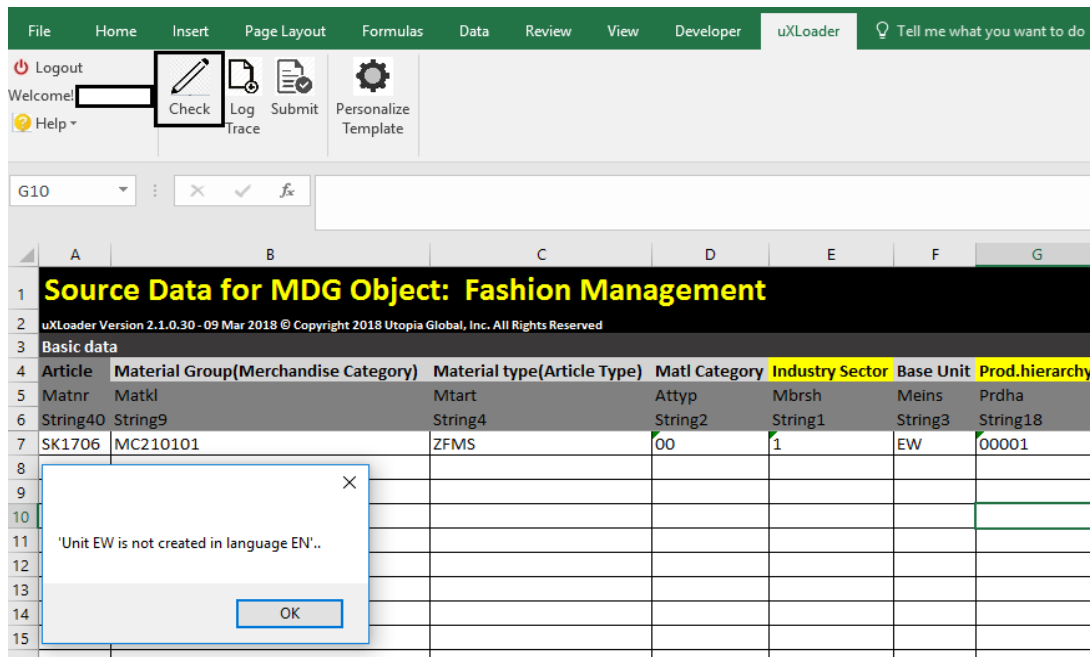
Log Trace

Log Trace displays the communication or interface related error messages. The errors are captured in the OData services before ECC.

Example Scenario: Enter an Invalid Base Unit “EW” and process the Datasheet.

Use the following steps to use Log Trace:

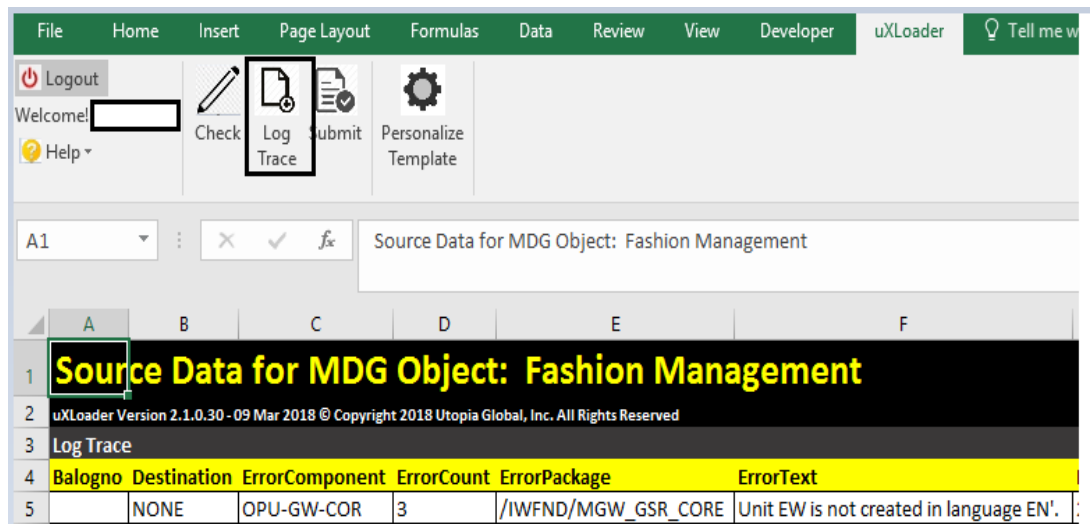
1. Enter Base Unit as “EW” as displayed in the following screen.



The screenshot shows the uXLoader application window. The 'Check' button in the top toolbar is highlighted with a red box. An error dialog box is displayed in the center of the screen, stating: "Unit EW is not created in language EN". The background spreadsheet shows data for 'Source Data for MDG Object: Fashion Management'.

Article	Material Group(Merchandise Category)	Material type(Article Type)	Matl Category	Industry Sector	Base Unit	Prod.hierarchy
SK1706	MC210101	ZFMS	00	1	EW	00001

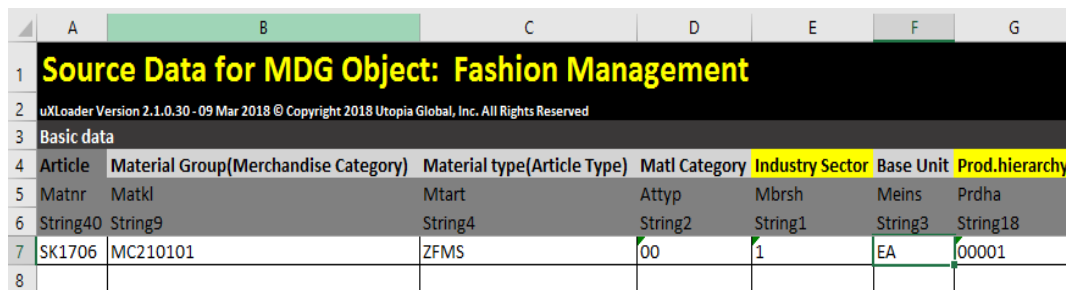
- To get the details of the error, click on the "Log Trace" button as displayed in the following screen.



The screenshot shows the uXLoader application window. The 'Log Trace' button in the top toolbar is highlighted with a red box. The background spreadsheet shows the 'Log Trace' table, which contains details of the error.

Balogno	Destination	ErrorComponent	ErrorCount	ErrorPackage	ErrorText
	NONE	OPU-GW-COR	3	/IWFND/MGW_GSR_CORE	Unit EW is not created in language EN'.

- Resolution: Enter a valid Base Unit and process the data file.



The screenshot shows the uXLoader application window. The background spreadsheet shows the 'Source Data for MDG Object: Fashion Management' table, where the Base Unit has been corrected from 'EW' to 'EA'.

Article	Material Group(Merchandise Category)	Material type(Article Type)	Matl Category	Industry Sector	Base Unit	Prod.hierarchy
SK1706	MC210101	ZFMS	00	1	EA	00001

- Click on the "Check" button.

File

Home

Insert

Page Layout

Formulas

Data

Review

View

Developer

Logout

Welcome!

Help

Check

Log Trace

Submit

Personalize Template

E11

✕

✓

fx

	A	B	C	D	E	F	G
4	Client	Object Id	TabName	Language	Message Type	Description	Remarks
7	100			EN	W		Textile Composition Function is Active
8	100	SK1706		EN	W		Validity date is in the past
9	100	SK1706		EN	W		Validity date is in the past
10	100	SK1706		EN	W		Validity date is in the past
11							
12							
13							

◀

▶

...

Vendor dependent char

Log Trace

Return

⊕

:

◀

You can see the API logs displayed in the “Return” tab.

Change Data

While changing the Article data in any view, the key field (Article) of the Basic data must be maintained, and the Article Number in that respective view also must be maintained.

For example, if Article Description needs to be changed, the following data must be maintained:

- In Change Request Details: all required fields.
- In Basic data: Article Number in Column A.
- In Article Descriptions: Article Number in Column A, Language in Column B and maintain Description in Column C.

	A	B	C	D
1	Source Data for MDG Object: Fashion			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	Article Descriptions			
4	Article	Language	Description	
7	SKAR2001	E	Romano Men's Full Sleeve Change	
8				
9				
10				

Navigation: Basic data | **Article Descriptions** | Tax Class

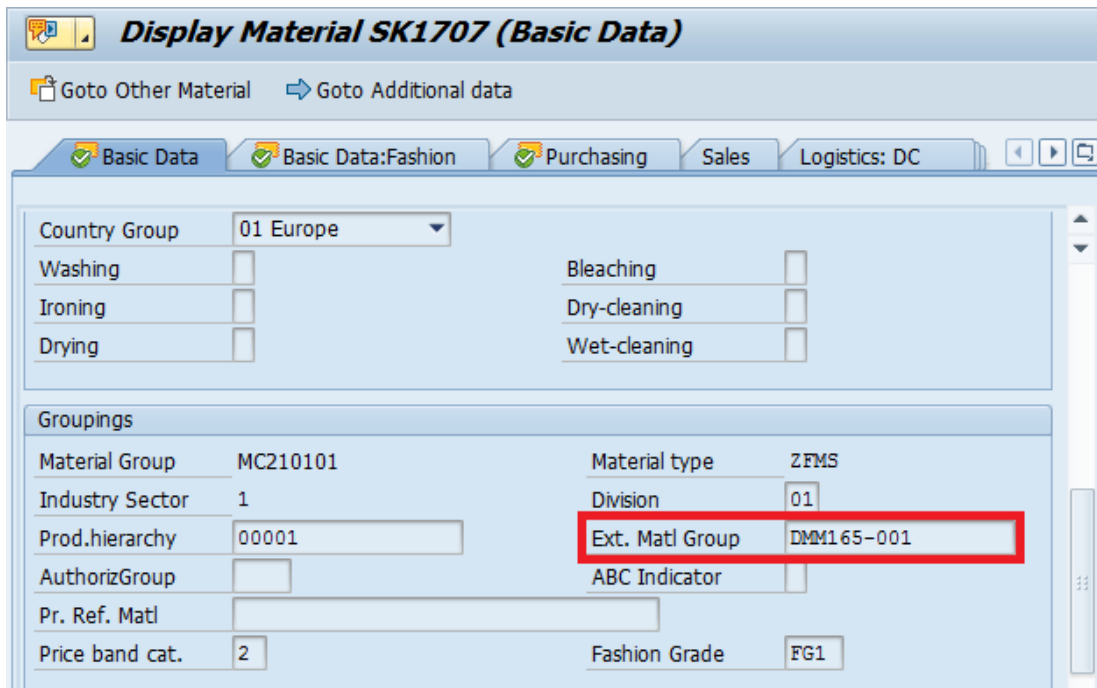
Delete Data

To delete/clear some non-key field values excluding Class and Characteristics, the symbol, “^” (Shift + 6) must be entered in that field in uXLoader. The appropriate field values are deleted in the Article in the backend system.

Scenario: Delete “External Material Group” from the Article SK1707.

Use the following steps to delete “External Material Group” from the Article SK1707:

1. Navigate to MM43 to verify the existing external material group field value as displayed in the following screen.



Display Material SK1707 (Basic Data)

Goto Other Material Goto Additional data

Basic Data Basic Data:Fashion Purchasing Sales Logistics: DC

Country Group: 01 Europe

Washing: ☐ Bleaching: ☐

Ironing: ☐ Dry-cleaning: ☐

Drying: ☐ Wet-cleaning: ☐

Groupings

Material Group: MC210101 Material type: ZFMS

Industry Sector: 1 Division: 01

Prod.hierarchy: 00001 **Ext. Matl Group: DMM165-001**

AuthorizGroup: ABC Indicator:

Pr. Ref. Matl:

Price band cat.: 2 Fashion Grade: FG1

2. Enter the “^” symbol (Shift+6) for the column to be deleted as in the following screen.

Basic data									
Article	Material Group(Merchandise Category)	Material type(Article Type)	Matl Category	Industry Sector	Base Unit	Prod.hierarchy	Division	Ext. Matl Group	
Matnr	Matkl	Mtart	Attyp	Mbrsh	Meins	Prdha	Spart	Extwg	
String40	String9	String4	String2	String1	String3	String18	String2	String18	
SK1707	MC210101	ZFMS	00	1	EA	00001	01	^	

After submitting the data, the CR is created in MDG system.

3. Approve and activate the CR and verify the results in ECC.

Display Material SK1707 (Basic Data)

Goto Other Material ➔ Goto Additional data

Basic Data Basic Data:Fashion Purchasing Sales Logistics: DC Logist...

Drying ☐ Wet-cleaning ☐

Groupings

Material Group	MC210101	Material type	ZFMS
Industry Sector	1	Division	01
Prod.hierarchy	00001	Ext. Matl Group	
AuthorizGroup		ABC Indicator	
Pr. Ref. Matl			
Price band cat.	2	Fashion Grade	FG1

Note

Key values cannot be deleted. For example, in “Article” object, key fields like Article Type, Article description, etc. cannot be deleted using the above Deletion feature.

The Deletion process is same for both Async and Sync process.

When you want to delete a Characteristic, it is identified using “Internal counter” (CH Int. counter) field for each Characteristic and you need to select “Deletion Ind. for Characteristic” for Characteristics in the “Classification” tab.

When you want to delete a Class, it is identified using “Internal counter” (CH Int. counter) field for each Characteristic and you need to select “Deletion Ind for Class” for Class Classification tab.

Refer the screen for “Deletion Ind. for Characteristic” and “Deletion Ind for Class” in the “Classification” tab.

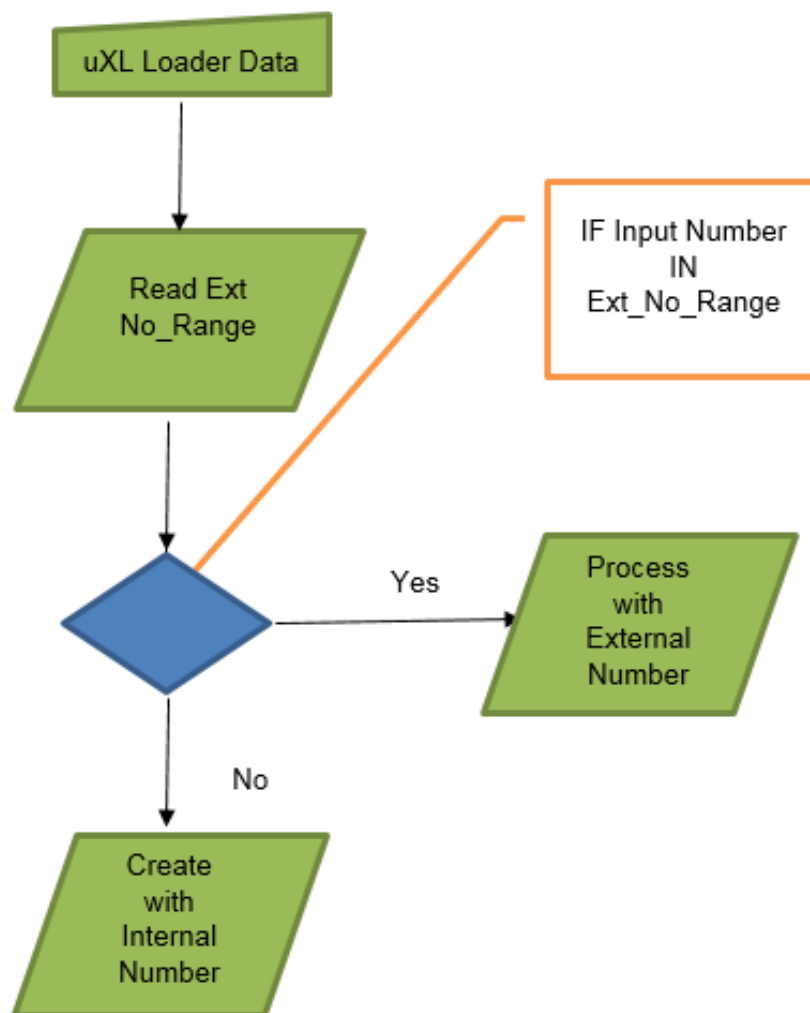
1	Source Data for MDG Object: Fashion Management											
2	uXLoader Version 2.1.0.30 - 09 Mar 2018 © Copyright 2018 Utopia Global, Inc. All Rights Reserved											
3	Classification											
4	Article	Class	Class Type	Int. counter for Class	Deletion Ind for Class	Status	Character ID	Char. Value	Int. counter for Characteristic	Characteristic value counter	Code	Deletion Ind. for Characteristic
7												
8												
9												

Appendix A: Internal/External Number Range

The uXLoader passes multiple records and it uses Object-Primary-Key (For example, Article Number) to link various views.

Refer to the following logic as described:

1. API reads the configuration data to check external number range defined for that object.
2. Primary Key is checked against defined external number range (as read from step 1)
 - a. If Input number falls within external number range, then object number is created with same number.
 - b. Else, it is treated as record to be created with internal number.
3. Process Flow:



In case the Article Number is blank, uXLoader does not allow an empty Primary Key i.e., Article. This is because the Primary Key (Article Number) is the link between the Entities. In ECC, number ranges are configured for each Article Type to differentiate between External Number and Internal Number.

uXLoader reads the number range for respective Article Type and checks if the number is in external number range or not.

Number Range Object

Number Range Object: MATERIALNR

Maintain Intervals: Material master					
	N..	From No.	To Number	NR Status	Ext
	01	00000000000000000001	000000000099999999	11400	<input type="checkbox"/>
	02	A	ZZZZZZZZ	0	<input checked="" type="checkbox"/>

Note

Number range defined at line no. 1 is the internal number range (The checkbox for external as last column declares number range as external, else all defined ranges are internal).

Appendix B: Glossary

This table provides the list of key terms, abbreviations and acronyms.

Term/Abbreviations	Description
CR	Change Request
DB	Database
FMS	Fashion Management System
GW	Gateway
ICF	Internet Communication Framework
IDoc	Intermediate Document
NW	NetWeaver
OData	Open Data Protocol
MMOP	Mixed Multiple-Object Processing
t-code	SAP Transaction Code
UI	User Interface

Appendix C: Error Handling for FMS/RFM Objects

This section describes how to detect errors in uXLoader for an FMS/RFM object and the process to correct the errors. Example of the object Fashion Management System is captured in the screens.

The “Return” sheet of the uXLoader displays the status of the processed log.

Note

Color Code (red or green) is displayed for the processed log data.

- Red: Failure messages
Error message for the corresponding object is displayed in red as in the following image.

1							
2	Client	Object Id	EntityName	Language	Message Type	Description	Remarks
5	100			EN	W		Textile Composition Function is Active
6	100	SKAR2001	Article Descriptions	EN	E		Enter the article description for Language
7	100	SKAR2001	Basic data	EN	E		Maintain base UoM
8							
9							
10							
11							

Ready

1	Source Data for MDG Object: Fashion Management			
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.			
3	Article Descriptions			
4	Article	Language	Description	
7	SKAR2001			
8				
9				
10				

Basic data Article Descriptions Tax ...

1	Source Data for MDG Object: Fashion Management				
2	uXLoader Version 2.1.0.28 - 05 Mar © 2018 Copyright © Utopia Global Inc.				
3	Basic data				
4	Article	Material Group(Merchandise Category)	Material type(Article Type)	Matl Category	Industry Sec
7	SKAR2001	MC210101	ZFMS	01	1
8					
9					
10					

CR Details Basic data Article Descri ...

- Green: Data successfully processed.
Change Request (CR) number is displayed in green as in the following image.

Source Data for MDG Object: Fashion Management						
uXLoader Version 2.1.0.30 - 09 Mar 2018 © Copyright 2018 Utopia Global, Inc. All Rights Reserved						
Return						
Client	Object Id	TabName	Language	Message Type	Description	Remarks
100			EN	W		Textile Composition Function is Active
100	SKAR2001		EN	S		You have submitted change request 000000000527

Vendor dependent char Log Trace Return

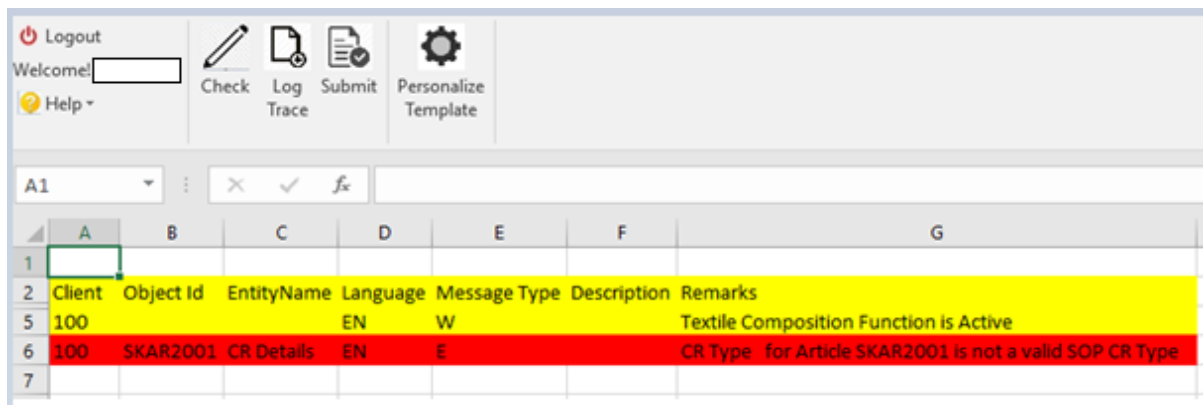
Correcting Error Data and Resubmitting Corrected Data

Note

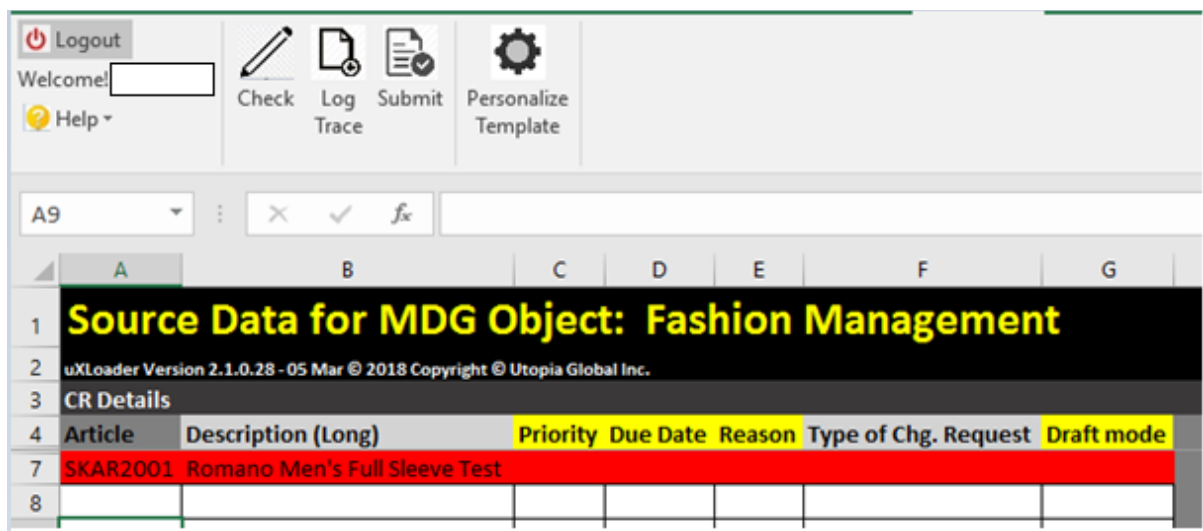
As the “Return” sheet displays the error or failure status in red, you must check the error message details. It is recommended to correct the error data and resubmit.

The following example helps you view the error message, correct the data and, resubmit the data for successful creation of a CR.

If you use the existing Article Number while creating a new Article, an error message is displayed after you submit the prepared data. The error message is displayed in the Return sheet as “Enter the CR attributes before submitting”.



Client	Object Id	EntityName	Language	Message Type	Description	Remarks
100			EN	W		Textile Composition Function is Active
100	SKAR2001	CR Details	EN	E		CR Type for Article SKAR2001 is not a valid SOP CR Type



Article	Description (Long)	Priority	Due Date	Reason	Type of Chg. Request	Draft mode
SKAR2001	Romano Men's Full Sleeve Test					

To correct the error message and resubmit the corrected data, use the following steps.

1. Click the respective sheet to edit/correct the details.
2. Change New “Article”.
3. Click “Submit” and click “Return” sheet.

The “Return” sheet display the CR Number in green that has been created successfully.

Source Data for MDG Object: Fashion Management						
uXLoader Version 2.1.0.30 - 09 Mar 2018 © Copyright 2018 Utopia Global, Inc. All Rights Reserved						
Return						
Client	Object Id	TabName	Language	Message Type	Description	Remarks
100			EN	W		Textile Composition Function is Active
100	SKAR2001		EN	S		You have submitted change request 000000000527
Vendor dependent char						
Log Trace						
Return						