

MS Excel MRP Item Forecast Upload to Oracle EBS

A Unique Alternative

Introduction

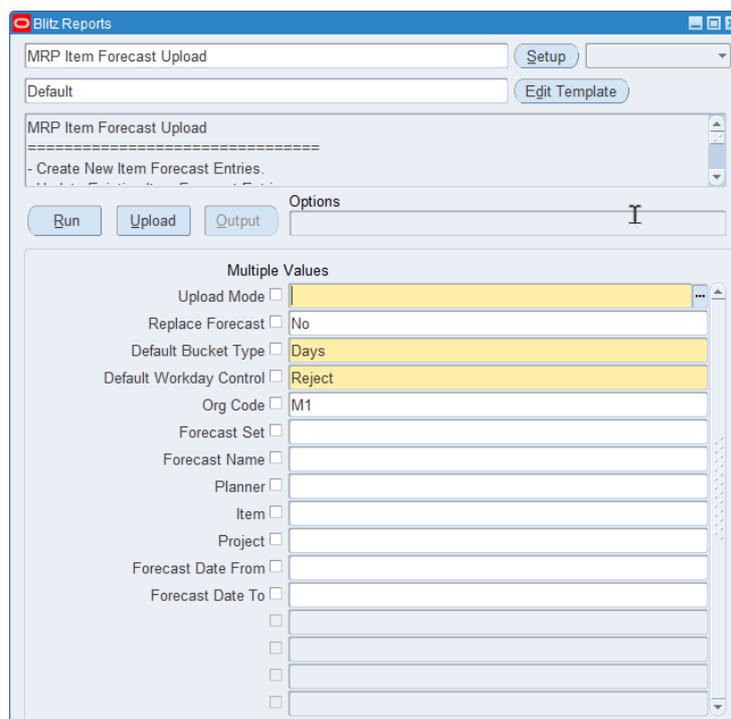
Previous data load methods for Oracle EBS, such as Oracle WebADI and SQL*Loader, are often not user-friendly and can be slow, especially when handling large volumes of records. Blitz Report's upload functionality is designed to make data uploads into Oracle EBS significantly more user-friendly and extremely fast, as data processing occurs on the server-dramatically reducing upload times even for thousands of records.

The process is straightforward: users select upload parameters and run a concurrent request, which generates a pre-formatted Excel template. Data can then be entered or updated in Excel, with built-in validation against Oracle data to ensure accuracy. Once validated, the Excel file is uploaded back to Oracle EBS, where records are created or updated, and the results are immediately available in a downloadable Excel file for review.

This approach streamlines bulk data management, eliminates manual errors and delivers a faster, more intuitive experience compared to traditional tools.

Process

The **MRP Item Forecast Upload** allows item forecast entries to be created, updated and/or deleted in Oracle EBS.



The screenshot shows the 'Blitz Reports' application window. At the top, there is a title bar and a menu bar. Below the menu bar, there is a search field containing 'MRP Item Forecast Upload' and a 'Setup' button. Below that, there is a 'Default' field and an 'Edit Template' button. The main area of the window is divided into two sections. The top section contains a list of reports, with 'MRP Item Forecast Upload' selected. Below this, there are three buttons: 'Run', 'Upload', and 'Output'. The bottom section is titled 'Options' and contains a list of parameters for the upload process. These parameters include 'Upload Mode', 'Replace Forecast', 'Default Bucket Type', 'Default Workday Control', 'Org Code', 'Forecast Set', 'Forecast Name', 'Planner', 'Item', 'Project', 'Forecast Date From', and 'Forecast Date To'. Each parameter has a corresponding input field, some of which are highlighted in yellow.

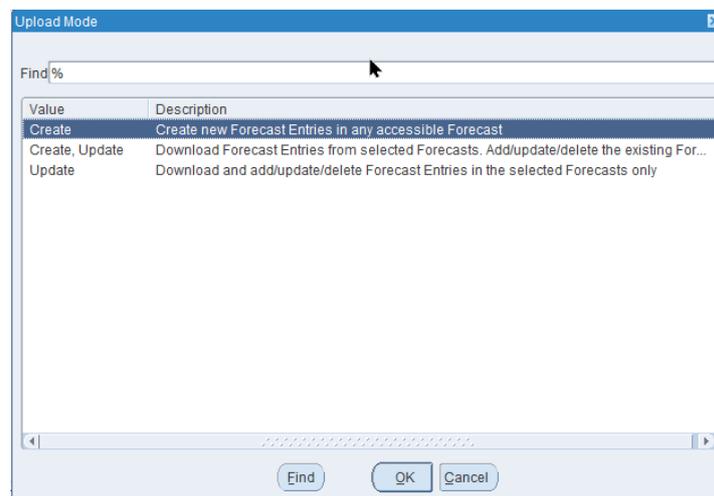
Prerequisites:

Forecast sets must be defined.

Item forecasts can only be uploaded to a forecast, not to a forecast set.

Parameters:

Select the required **Upload Mode**:



Create allows new forecast records to be added to an existing forecast in Oracle EBS.

Create/Update will download Forecast Entries from the selected forecasts.

Allows the user to:

- download existing Forecast Entries for the Forecasts meeting the entered selection criteria.
- modify (add/update/delete) the Forecast Entries within the downloaded Forecasts.
- create new Forecast Entries in any accessible Forecast.

This mode allows the creation of Forecast Entries against Forecasts not included in the download.

This mode can be used for downloading Forecast Entries from an existing Forecast and copying them to a different Forecast.

Update will download and Add/Update/Delete Forecast Entries in the selected forecasts only.

Allows the user to:

- download existing Forecast Entries for the Forecasts meeting the entered selection criteria.
- modify (add/update/delete) the Forecast Entries within the downloaded Forecasts only.

This mode does not allow the creation of Forecast Entries against Forecasts not included in the download.

Select **Replace Forecast**, Yes/No.

Select **Yes** if this upload will replace all existing entries in the forecast. In this case all existing forecast entries are deleted before the new forecast entries are loaded. Select **No** if this upload is creating new entries to add to the forecast and/or updating/deleting specific forecast entries. In this case the existing forecast entries are retained.

Default Bucket Type, Options are Days/Weeks/Periods.

This is the default bucket type used for the forecast entries if not specified in the upload spreadsheet. It will default from the selected forecast name, selected forecast set or will default to Days if a Forecast Set or Forecast Name is not specified. This can be overridden in the Upload spreadsheet for individual forecast entries.

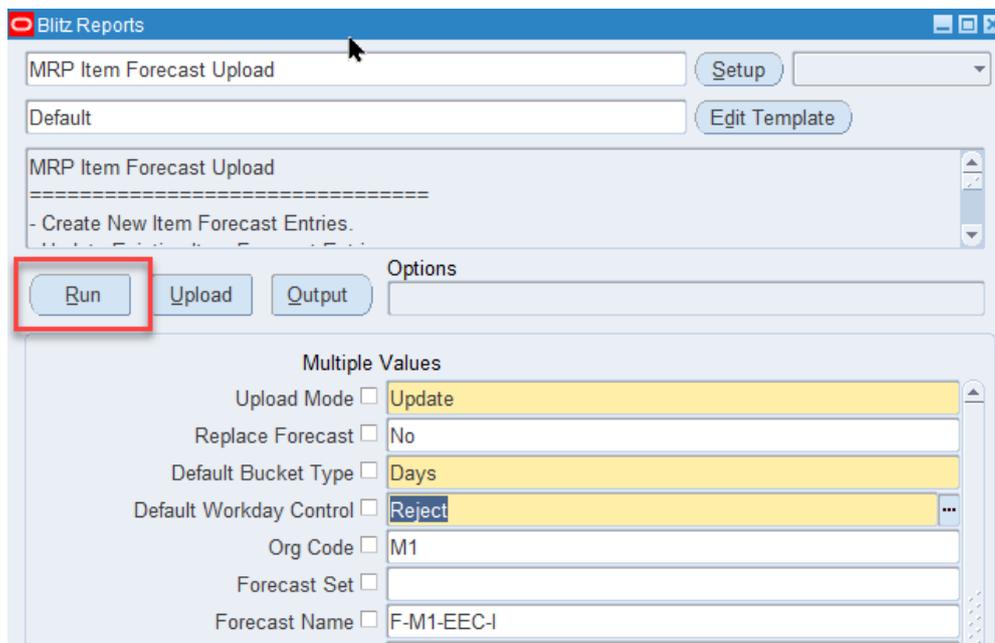
Default Workday Control

This parameter determines the default behaviour for handling a non-workday forecast date or forecast end date.

The options are **Reject** the forecast entry, **Shift** the date **backward** to the previous working bucket date, or **Shift** the date **forward** to the next working bucket date. This can be overridden in the Upload spreadsheet for individual forecast entries.

The remaining parameters are optional and may be used to limit the records retrieved.

Note: Although both the **Forecast Set** and **Forecast Name** are optional, one or the other must be entered.



The screenshot shows the 'Blitz Reports' application window. At the top, there's a title bar and a menu bar. Below that, there's a search bar containing 'MRP Item Forecast Upload' and a 'Setup' button. Underneath, there's a 'Default' field and an 'Edit Template' button. A preview area shows the upload template content, including a dashed line and the text '- Create New Item Forecast Entries.'. Below the preview, there are three buttons: 'Run' (highlighted with a red box), 'Upload', and 'Output'. To the right of these buttons is an 'Options' field. Below the buttons, there's a 'Multiple Values' section with several fields, each with a checkbox and a dropdown menu:

- Upload Mode Update
- Replace Forecast No
- Default Bucket Type Days
- Default Workday Control Reject
- Org Code M1
- Forecast Set (empty)
- Forecast Name F-M1-EEC-I

1. Submit the request using the **Run** button.

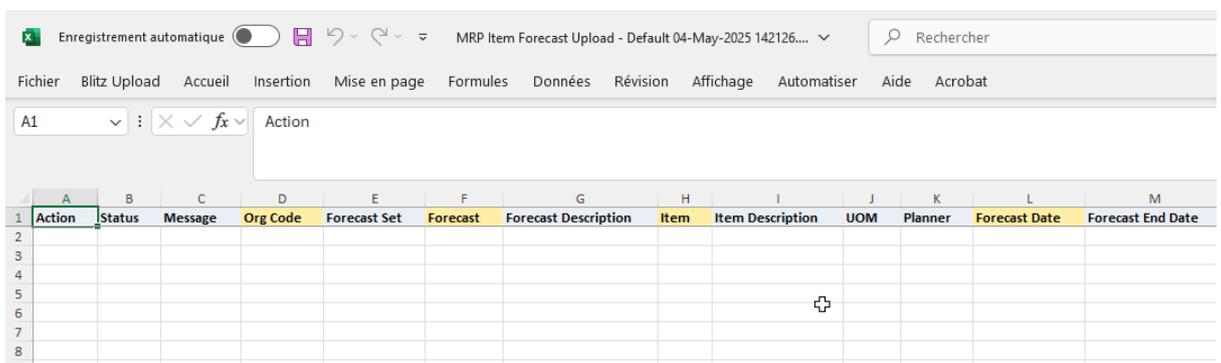
Prepare Upload File

A preformatted Excel file is automatically downloaded as follows:

- Note:** 1. The first three columns are updated automatically.
2. Yellow columns are mandatory, Grey columns cannot be updated.
3. When entering data in a column with the drop-down list symbol , the data is validated against the data in Oracle but does not produce a drop-down list.

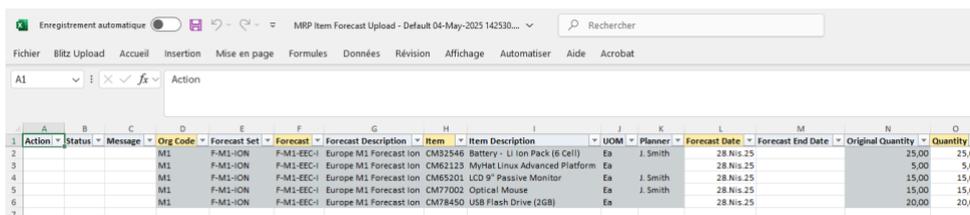
1. Create New Item Forecast Entries.

Allows the user to create new Forecast Entries in any accessible Forecast.



Selecting **Create** will download an empty pre-formatted spreadsheet where the User can enter new Forecast Entries against any accessible Forecast.

2. Create and/or Update Existing Item Forecast Entries.



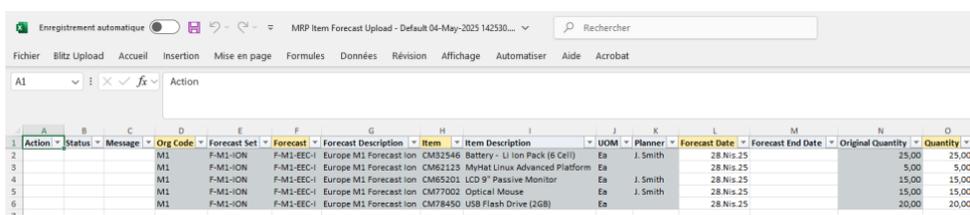
The screenshot shows an Excel spreadsheet titled "MRP Item Forecast Upload - Default 04-May-2025 142530...". The spreadsheet has columns A through O. The first three columns (A, B, C) are labeled "Action", "Status", and "Message". Columns D through O are labeled "Org Code", "Forecast Set", "Forecast", "Forecast Description", "Item", "Item Description", "UOM", "Planner", "Forecast Date", "Forecast End Date", "Original Quantity", and "Quantity". The spreadsheet contains five rows of data:

Action	Status	Message	Org Code	Forecast Set	Forecast	Forecast Description	Item	Item Description	UOM	Planner	Forecast Date	Forecast End Date	Original Quantity	Quantity
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM32546	Battery - Li Ion Pack (6 Cell)	Ea	J. Smith	28 Nis 25	25,00	25,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM62123	MyHat Linux Advanced Platform	Ea	J. Smith	28 Nis 25	5,00	5,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM65201	LCD 9" Passive Monitor	Ea	J. Smith	28 Nis 25	15,00	15,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM77002	Optical Mouse	Ea	J. Smith	28 Nis 25	15,00	15,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM78450	USB Flash Drive (2GB)	Ea	J. Smith	28 Nis 25	20,00	20,00				

Selecting **Create, Update** downloads a pre-formatted spreadsheet containing the Forecast Entries for the Forecasts meeting the entered selection criteria.

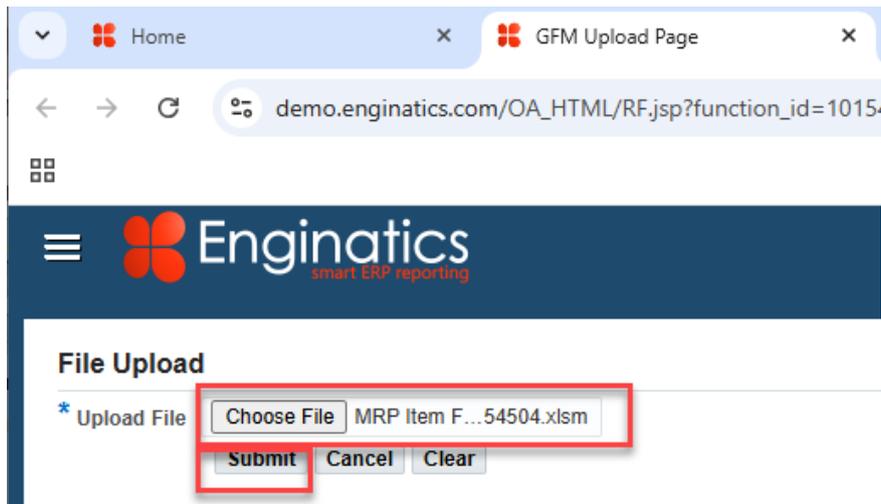
Existing Item Forecast Entries may be deleted by setting the Forecast Quantity = 0.

3. Update



The screenshot shows an Excel spreadsheet titled "MRP Item Forecast Upload - Default 04-May-2025 142530...". The spreadsheet has columns A through O. The first three columns (A, B, C) are labeled "Action", "Status", and "Message". Columns D through O are labeled "Org Code", "Forecast Set", "Forecast", "Forecast Description", "Item", "Item Description", "UOM", "Planner", "Forecast Date", "Forecast End Date", "Original Quantity", and "Quantity". The spreadsheet contains five rows of data:

Action	Status	Message	Org Code	Forecast Set	Forecast	Forecast Description	Item	Item Description	UOM	Planner	Forecast Date	Forecast End Date	Original Quantity	Quantity
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM32546	Battery - Li Ion Pack (6 Cell)	Ea	J. Smith	28 Nis 25	25,00	25,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM62123	MyHat Linux Advanced Platform	Ea	J. Smith	28 Nis 25	5,00	5,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM65201	LCD 9" Passive Monitor	Ea	J. Smith	28 Nis 25	15,00	15,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM77002	Optical Mouse	Ea	J. Smith	28 Nis 25	15,00	15,00				
M1	F-M1-ION	F-M1-EEC-I	Europe M1 Forecast Ion	CM78450	USB Flash Drive (2GB)	Ea	J. Smith	28 Nis 25	20,00	20,00				



Select “**Choose File**” followed by the completed download file on the computer.

Select the button “**Submit**”

A confirmation message is displayed.

Return to the Oracle screen.

The Upload button will say “Running”.

The updated Spreadsheet will be downloaded.

1	Action	Status	Message	Org	Forecast Set	Forecast	Forecast De	Item	Item Description	UOM	Planner	Forecast Date	Fore	Original Quantity	Quantity
2	Processed	Success	Forecast Entry Deleted	M1	F-M1-ION	F-M1-EEC-I	Europe M1 For	CM32546	Battery - Li Ion Pack	Ea	J. Smith	28.Nis.25		25,00	0,00
3	Processed	Success		M1	F-M1-ION	F-M1-EEC-I	Europe M1 For	CM77001	2-Button Mouse with Ea	Ea	J. Smith	5.May.25		50,00	50,00
4	Processed	Success		M1	F-M1-ION	F-M1-EEC-I	Europe M1 For	CM77002	Optical Mouse	Ea	J. Smith	28.Nis.25		50,00	50,00

The Action has changed to “Processed”, The Status is now “Success” and a message confirms the deletion.

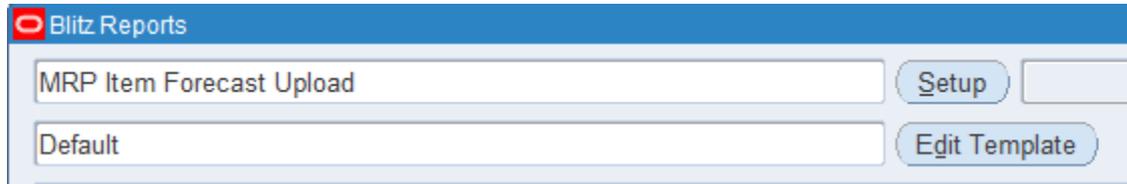
In the View Entries screen in Oracle (Planning:Forecasts:View Entries) the changes can be confirmed for the said forecast:

Item	Bucket	Date	End Date	Number of Buckets	Quantity
CM62123	Days	28-APR-2025		1	5
CM65201	Days	28-APR-2025		1	15
CM77001	Days	05-MAY-2025		1	50
CM77002	Days	28-APR-2025		1	50
CM78450	Days	28-APR-2025		1	20

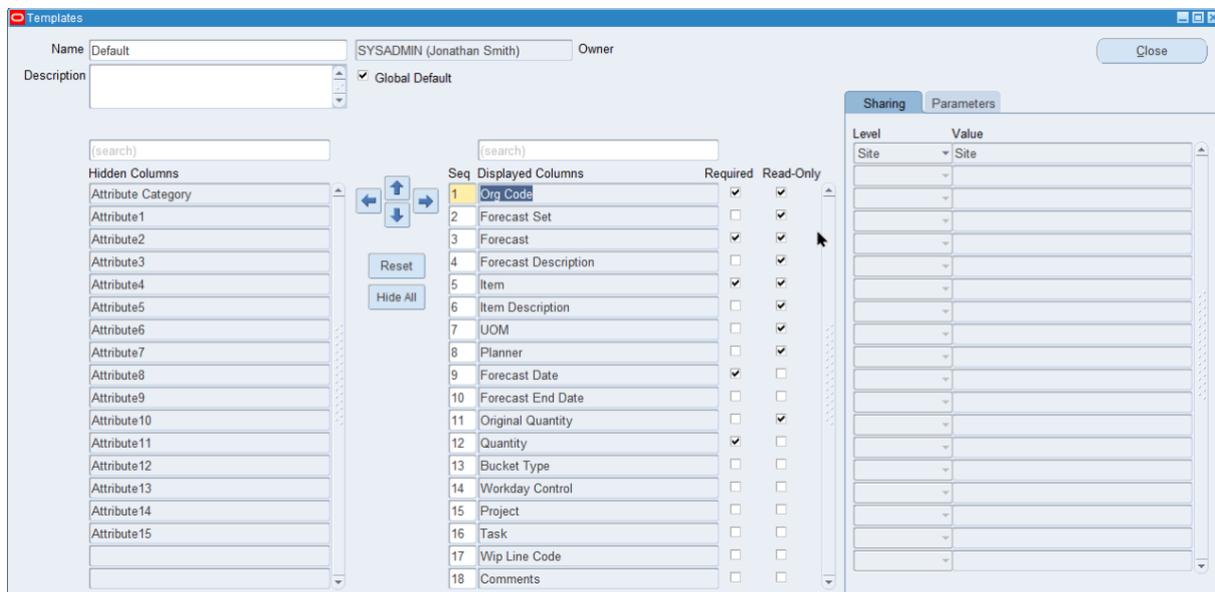
Configuration Options

Templates

By default each Blitz program can have one or more templates. In this case the template is the default template:



Selecting the “Edit Template” button reveals the template details:



On the left are displayed the columns which have not been included.

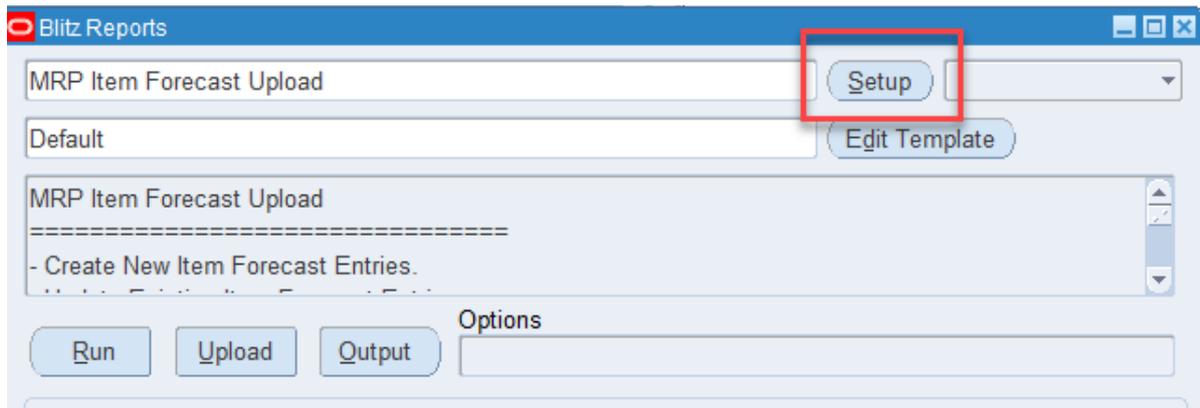
The middle block contains the columns which are included. These columns are marked Required if mandatory and Read Only if not updateable. Columns may be transferred between the blocks or by order within the block by using the arrow keys. Each template is given a name and it belongs to the creator (the owner).

In the right block the template may be shared between Site, Responsibility and User.

When Sharing the template certain parameters may be exclude if required.

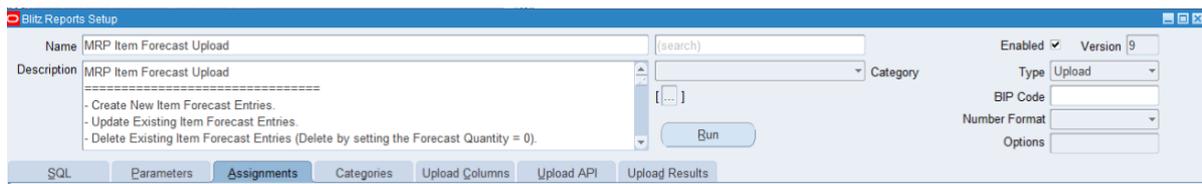
Any changes are then saved and will appear the next time the Upload is run.

Advanced (System Administration/Developers)



This section relates to advanced options available to System Administrators and Developers

Selecting the Setup button allows Access to these options. This button will only be available to those who have been assigned this responsibility.



Assignments

We will look at the **Assignments** tab. The remainder is covered in a webinar specifically for Administrators and Developers.

Under Assignments the Access to this update is controlled.

Option: Include/Exclude

With this option certain assignments can be included or excluded.

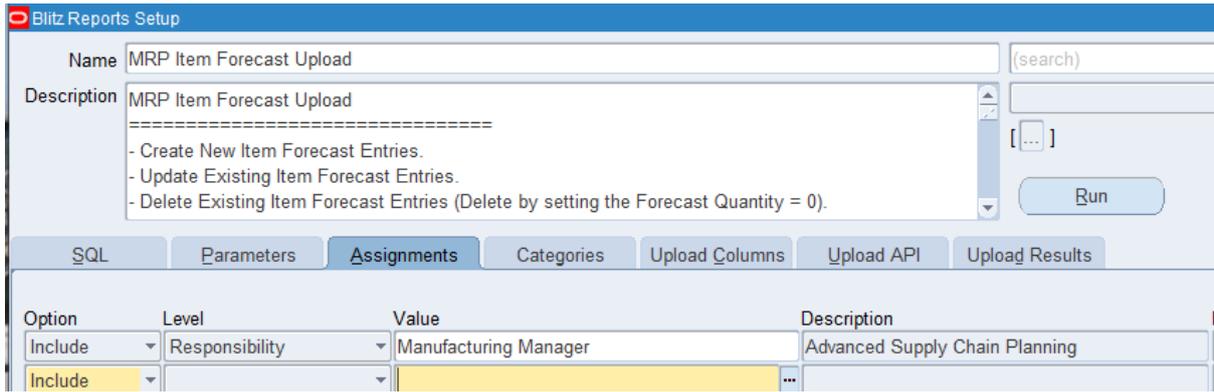
Level: Site, Application, Request Group, Responsibility, User, Form

This sets the level at which the assignments are made.

Value: This sets the assignment

For example:

We wish to assign this upload to the Manufacturing Manager responsibility:

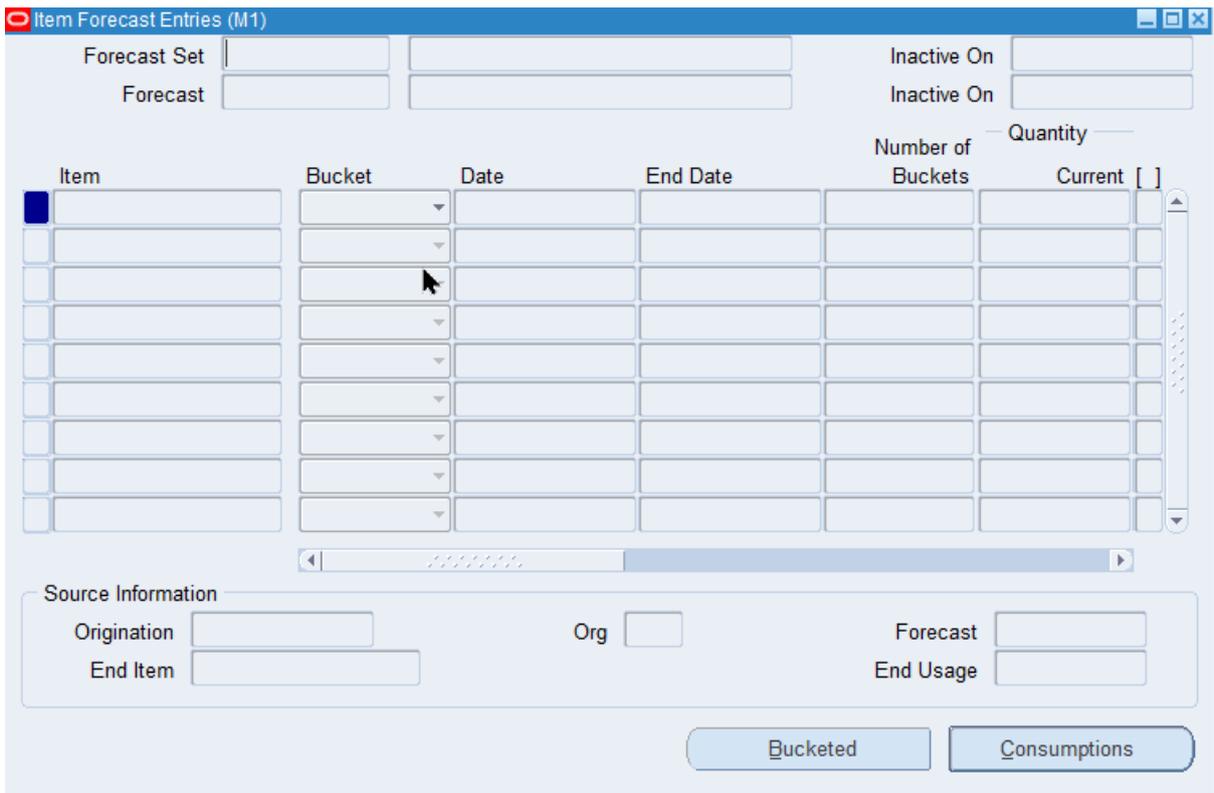


Option is set to include and Value is Manufacturing Manager

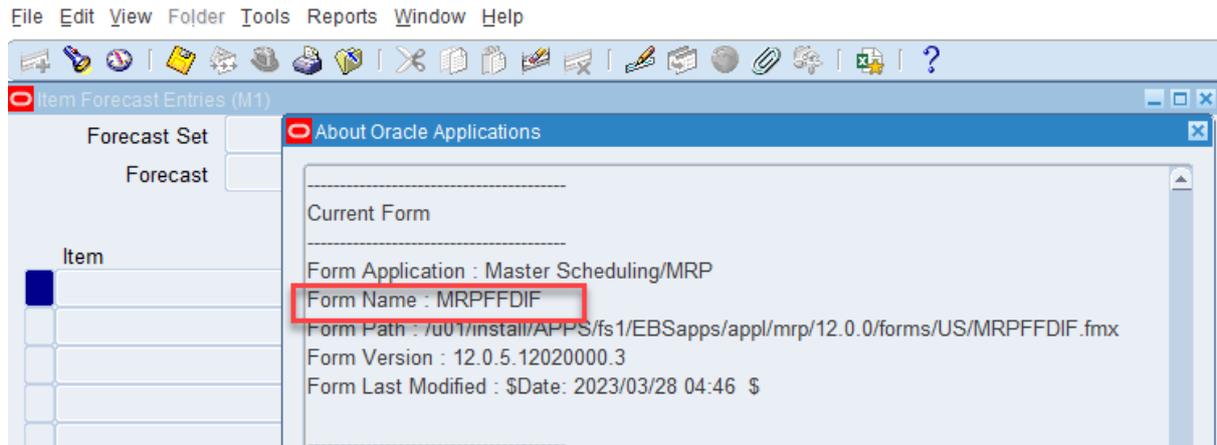
Now, Let's suppose that we wish to be able to Access this upload from the View Forecast Entries form.

First we need to identify the name of the form:

Navigation: Planning:Forecasts:View Entries

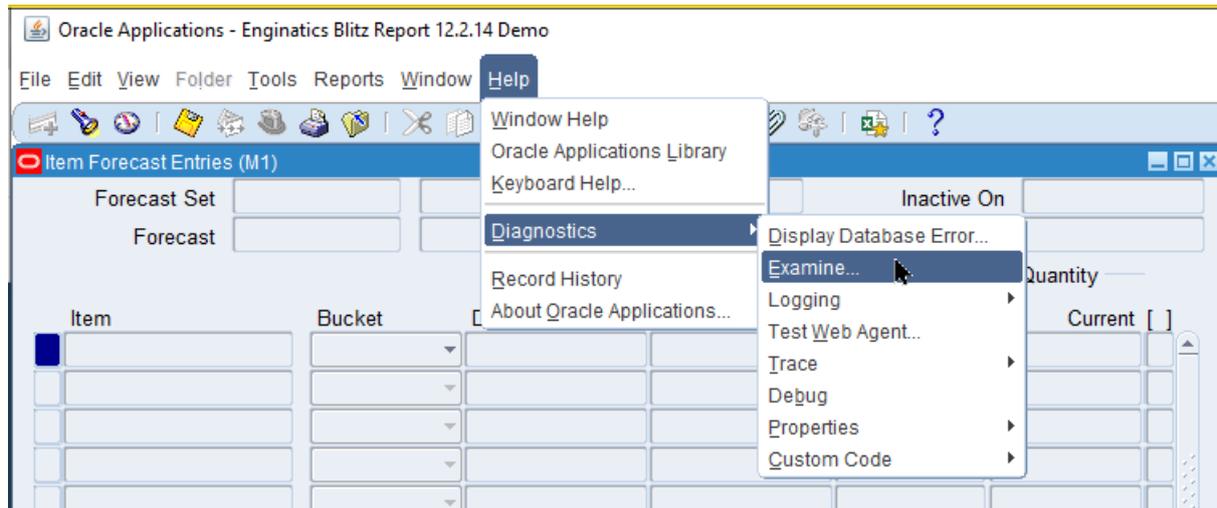


From there: On the toolbar select Help>About Oracle Applications:Current Form

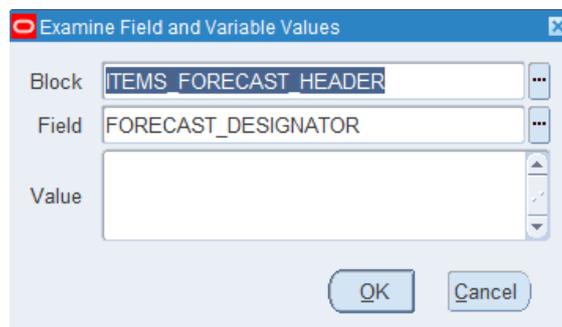


Now we have the name of the form: MRPFFDIF

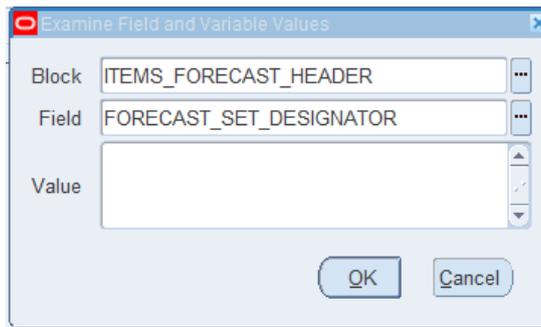
To identify the Forecast field, with cursor in the Forecast field, go to **Help, Diagnostics, Examine** on the toolbar.



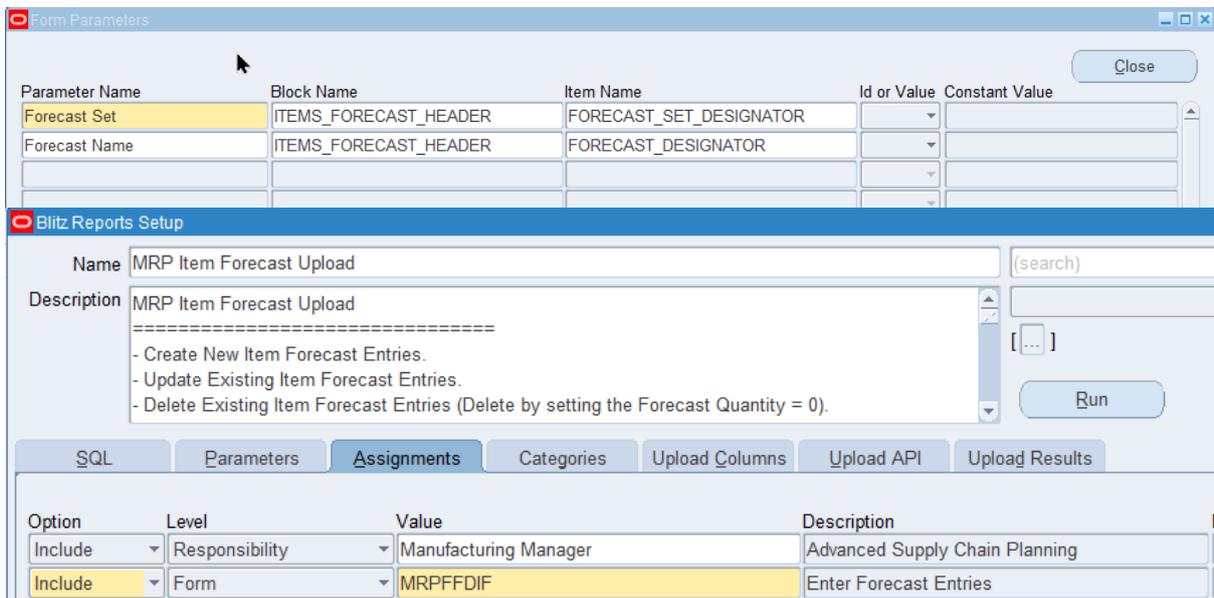
The values for the form Block and Field Name are displayed.



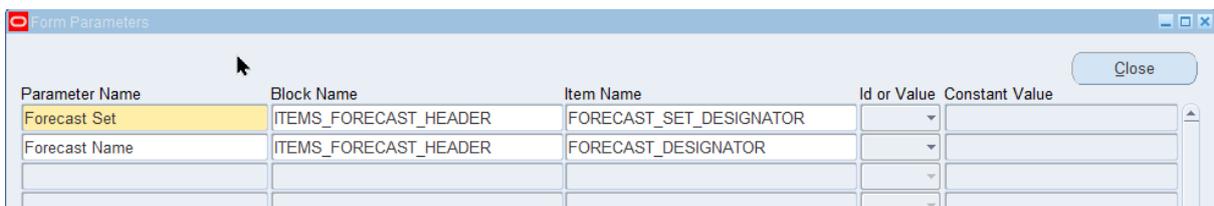
Repeat the same for the Forecast Set field:



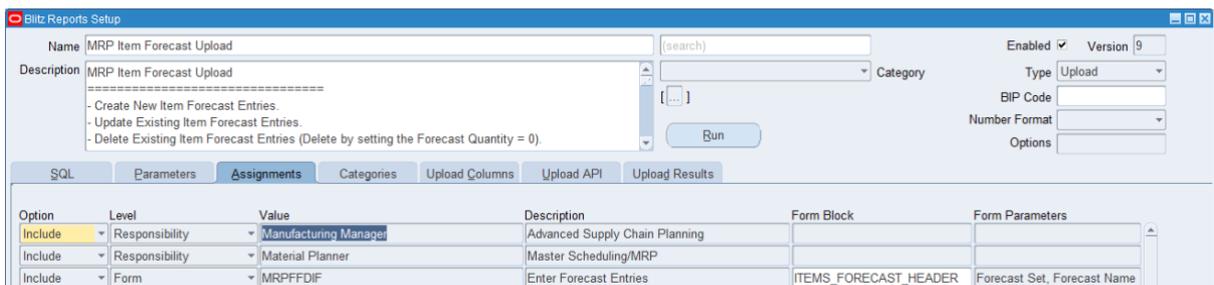
In the Blitz Reports Setup form we now enter the required information; Option is include, Level is form, Value is the Form Name, in this case **MRPFFDIF** and Form Block is Form Block, in this case **ITEMS_FORECAST_HEADER**.



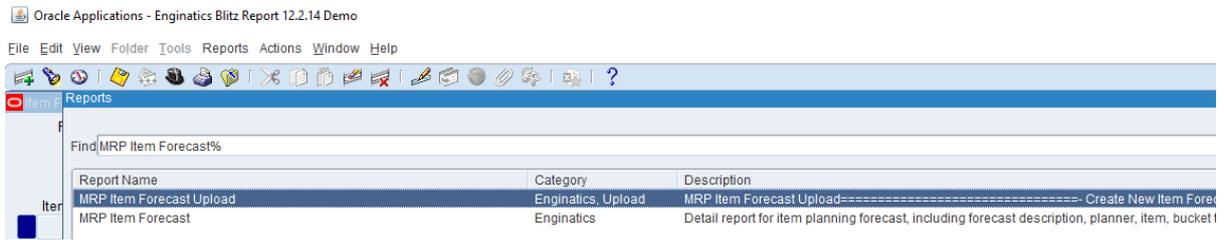
Click in the Form Parameters field and enter the parameter details:



Close the form.



Now if we go to the View Item Forecasts form and select the Blitz Report icon  on the toolbar :



We are now able to select the **Item Forecast Upload** from here and submit it as a concurrent request.

This may also be used from the **Enter Forecast Entries** form.