



**RevU for Informatica**

**User Manual**

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## 1 Summery

RevU for Informatica is a web based coding standard review tool which takes in the Informatica source code export xml file, validates it against the configured set of rules and outputs the violations. It provides the following functionalities

1. Ability to configure Informatica coding guide lines. A rule editor is provided to view/add/update/delete coding guide lines
2. Ability to upload Informatica source code and review the source code against the configured set of rules
3. Provide reports like usage report, violation report etc.

These functionalities are explained in detail in the below sections

## 2 Configure Informatica coding guidelines

The rule editor tab provides this facility.

Id	Tag Name	Attr Name	Attr Value	Condition	Error Type	Error Msg	Flag	Filter
2	MAPPING	NAME	m_    M_	Pattern	ERROR	Mapping Name not specified as per the standards	No	False
3	MAPPLET	NAME	mpIt_<functionality>	Starts With	ERROR	MAPPLET Name not specified as per the standards	No	False
8	TARGET	NAME	tgt_<folderName>_	Starts With	ERROR	Target Name not specified as per the standards	Yes	False
9	SOURCE	NAME	sc_<folderName>_	Starts With	ERROR	Source Name not specified as per the standards	Yes	False
10	TRANSFORMATION	TYPE	Input Transformation	Starts With	ERROR	Transformation Name not specified as per the standards	Yes	False
11	TRANSFORMATION	TYPE	Output Transformation	Starts With	ERROR	Transformation Name not specified as per the standards	Yes	False
21	TRANSFORMATION	TYPE	Advanced External Procedure	Equals	ERROR	Transformation Name not specified as per the standards	Yes	False
22	TRANSFORMATION	TYPE	Aggregator	Pattern	ERROR	Transformation Name not specified as per the standards	Yes	False

The rules can be added or edited or deleted using the rule editor where new rule file can be imported.

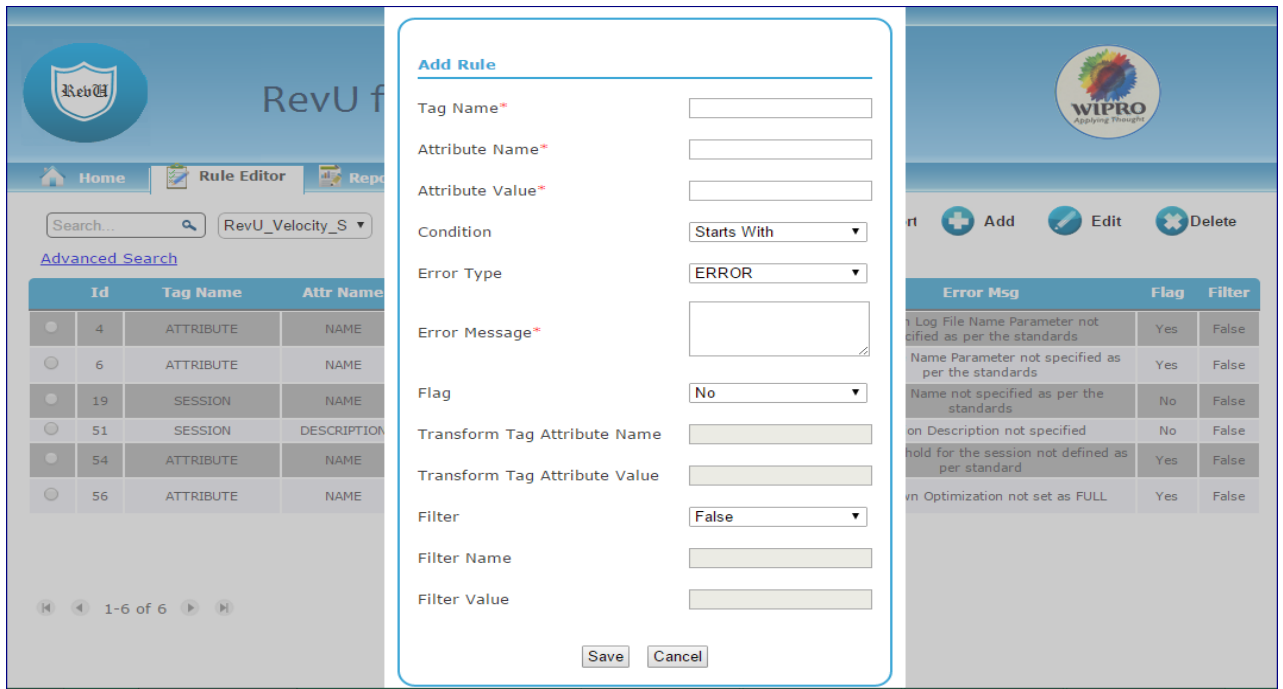
- 1) Follow these steps to import rule file.
  - a) Click the import button and browse the rule file of xls/xlsx format and click on upload.
  - b) Click on yes button to confirm.
  - c) Click on no button to cancel.

**Upload Rule file**

Select rule file to upload  No file chosen

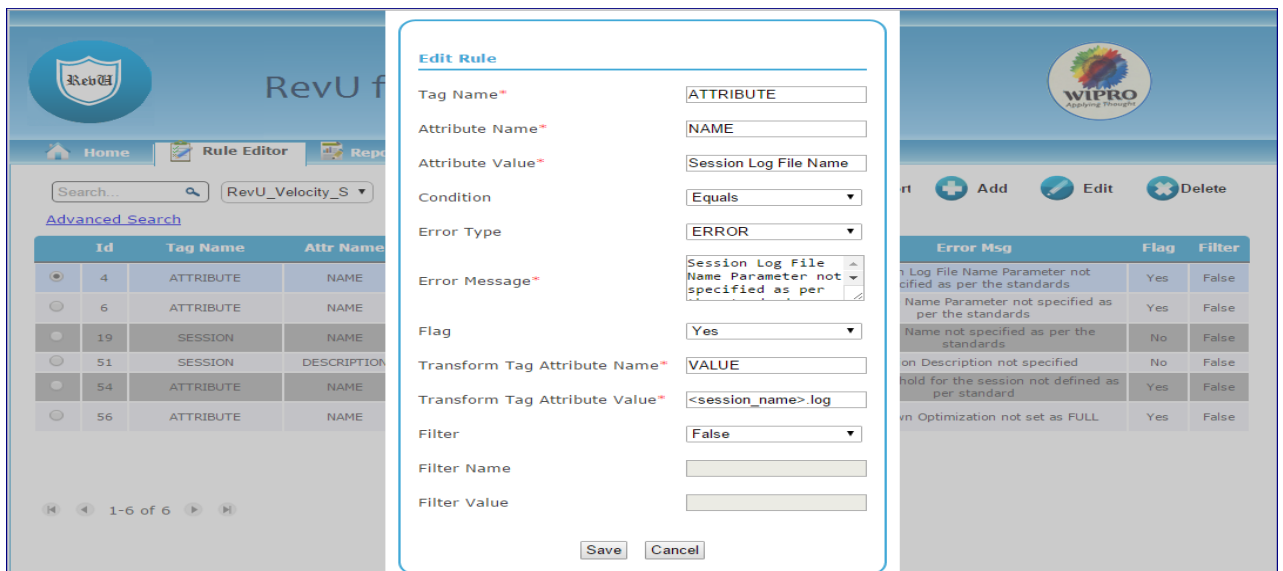
**Note: Please upload a rule file in xls/xlsx format.**

- 2) Follow these steps to add a rule.
  - a) Select a Rule name from the drop down.
  - b) Select the category name from the drop down in which you would like to add a rule.
  - c) Click on ADD icon which would open a pop up window which facilitates to define the rule attributes.
  - d) After filling in all the details, click on save button to save the new rule. Else click on cancel to go back to rule editor page.



- 3) Follow these steps to edit a rule.
  - a) Select a Rule name from the drop down.
  - b) Select the category name from the drop down from which you would like to edit a rule.
  - c) Edit the existing rule by checking the radio button and clicking on the edit button.
  - d) It would open a pop up window with existing attribute values for the rule selected for editing.

After editing the required columns, Click on Save button to save the edited changes else click on cancel to go back to rule editor page.



- 4) Follow these steps to delete a rule.
  - a) Select the rule that needs to be deleted.
  - b) Click on delete icon to delete the selected rule.

### 3 Search Informatica coding guidelines

#### 3.1 Normal Search

- Select a Rule name from the drop down.
- Select the category name from the drop down from which you would like search for a rule.
- Fill in the word in the search text box. The rule table will show the rows matching the searched keyword.

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Home Rule Editor Reports

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Import Add Edit Delete

[Advanced Search](#)

Id	Tag Name	Attr Name	Attr Value	Condition	Error Type	Error Msg	Flag	Filter
28	TRANSFORMATION	TYPE	Lookup	Starts With	ERROR	Transformation Name not specified as per the standards	Yes	False

#### 3.2 Advanced Search

- Select a Rule name from the drop down.
- Select the category name from the drop down from which you would like search for a rule.
- Click on advanced search and fill in the details to be searched.

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[Advanced Search](#)

Advanced Search

Tag Id

Tag Name

Attribute Name

Attribute Value

Condition

Error Type

Error Message

Flag

Transform Tag Attribute Name

Transform Tag Attribute Value

Search Cancel

Id	Tag Name	Attr Name	Attr Value	Condition	Error Type	Error Msg	Flag	Filter
28	TRANSFORMATION	TYPE	Lookup	Starts With	ERROR	Transformation Name not specified as per the standards	Yes	False

- Click on search button. The rule table will show the rows matching the searched combination of keywords.

## 4 Upload Informatica source code for review

The home tab provides this facility.

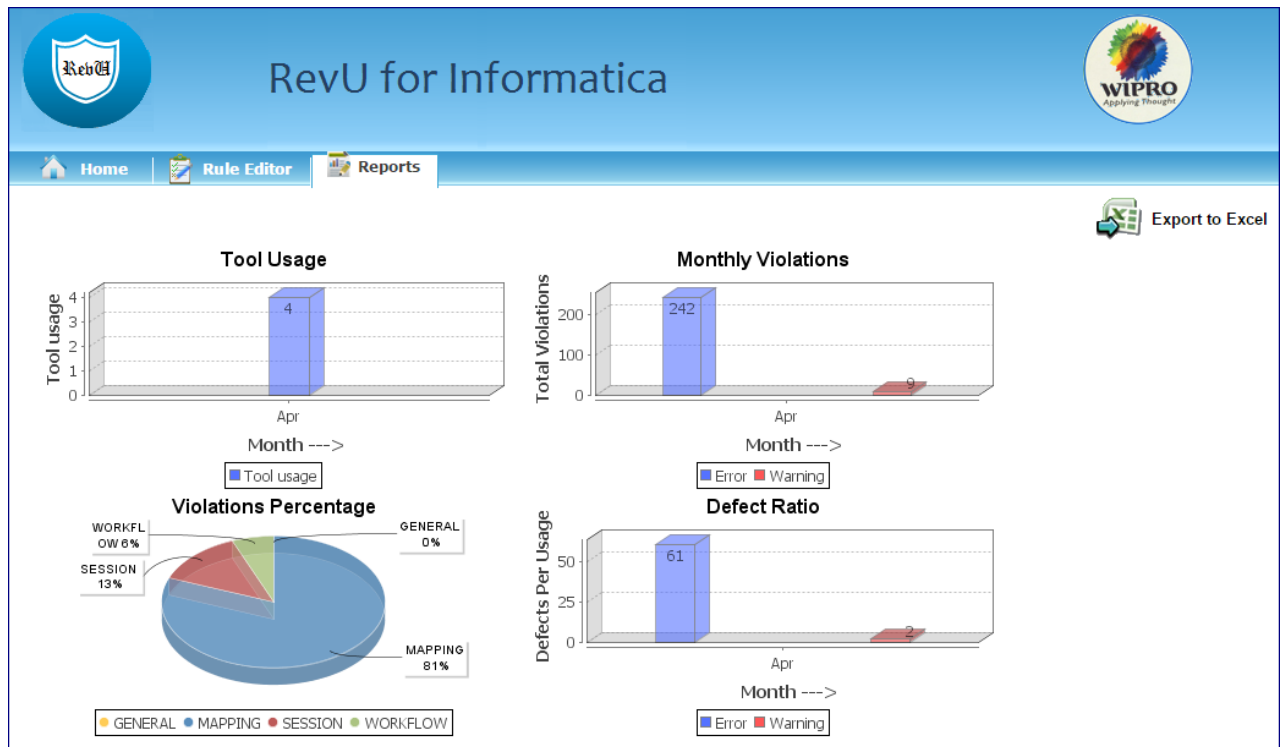
- 1) Follow these steps to upload the source code
  - a) Select the Rule name from the select rules dropdown.
  - b) Click on the browse button for browsing the source xml to be uploaded.
  - c) Click on upload button in order to upload the selected source xml.
  - d) Click on reset button to clear the selected file to upload the new file.
  - e) Reviewed result of source code shown as below which can be sorted based on error type and parent name.
- 2) Follow the below steps to export the result. Click on export to excel button to export the result.

Error Type	Object Type	Parent Name	Object Property	Expected Result	Actual Result	Error Message
⊖	MAPPING	session_DX_Testing	NAME	m_OR M_	m_DX_Testing	Mapping Name not specified as per the standards
⊖	TRANSFORMATION	session_DX_Testing	TYPE	appsq_<meaningful name>	SQ_JMS_SRC_ASN	Transformation Name not specified as per the standards
⊖	ATTRIBUTE	session_DX_Testing	NAME	<session_name>.log	s_DX_Testing.log	Session Log File Name Parameter not specified as per the standards
⊖	ATTRIBUTE	session_DX_Testing	NAME	<session_name>.bad	ff_dummy.bad	Reject File Name Parameter not specified as per the standards
⊖	SESSION	session_DX_Testing	NAME	s_<mapping name>	s_DX_Testing	Session Name not specified as per the standards
⚠	SESSION	session_DX_Testing	DESCRIPTION	VALUE		Session Description not specified
⊖	ATTRIBUTE	session_DX_Testing	NAME	Full	None	Pushdown Optimization not set as FULL
⊖	MAPPING	vif_Ericsson_CompletedCall	NAME	m_OR M_	m_Ericsson_CompletedCall	Mapping Name not specified as per the standards
⊖	TRANSFORMATION	vif_Ericsson_CompletedCall	TYPE	aggs_*	agg_PartialCalls	Transformation Name not specified as per the standards



## 5 Reports

The reports tab provides this facility.



The following reports are available in this section.

1. The number of total violations can be seen in Monthly Violation chart.
2. Defect Rate per Month can be seen in Defect Ratio Chart. Here defect rate/month is defined as the total number of violations divided by the total usage for a particular month.
3. The number of transactions performed on the tool can be seen in Tool Usage Chart.
4. Percentage of category wise violations can be seen in Violation percentage Chart.