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## How Do I Inspect Error Logs in Warehouse Builder?

### Scenario

While working with Warehouse Builder, the designers need to access log files and check on different types of errors. This case study outlines all the different types of error messages that are logged by Warehouse Builder and how to access them.

### Solution

Warehouse Builder logs the following types of errors when you perform different operations:

- [Installation Errors](#)
- [Metadata Import and Export Errors](#)
- [Validation Errors](#)
- [Generation Errors](#)
- [Deployment and Execution Errors](#)
- [Name and Address Server Errors](#)

### Case Study

This case study shows you how to retrieve error logs after performing different operations in Warehouse Builder.

#### Installation Errors

When you run the Oracle Universal Installer to install Warehouse Builder, the installation error logs are automatically stored in:

```
C:\Program  
Files\Oracle\Inventory\logs\installActions<timestamp>.log
```

When you run the Warehouse Builder Repository Assistant, the repository installation error logs are stored in:

```
[OWB_ORACLE_HOME]\owb\reposasst\log.txt.0
```

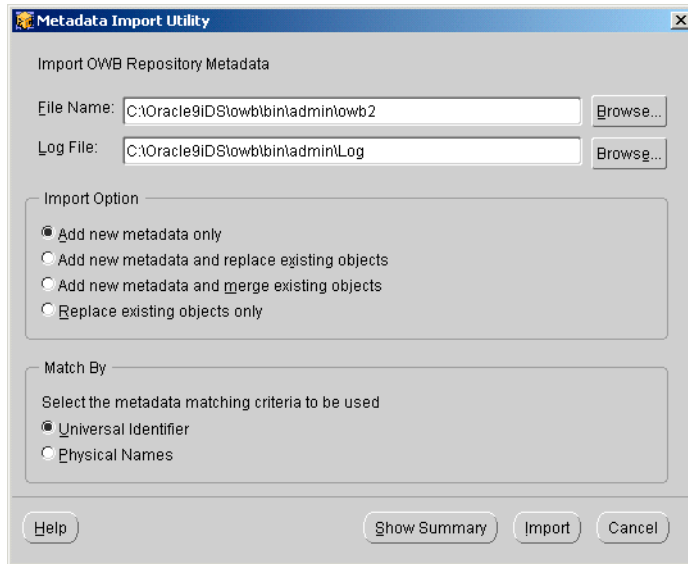
When you run the Warehouse Builder Runtime Assistant, the runtime installation error logs are stored in:

```
[OWB_ORACLE_HOME]\owb\rtasst\log.txt.0
```

#### Metadata Import and Export Errors

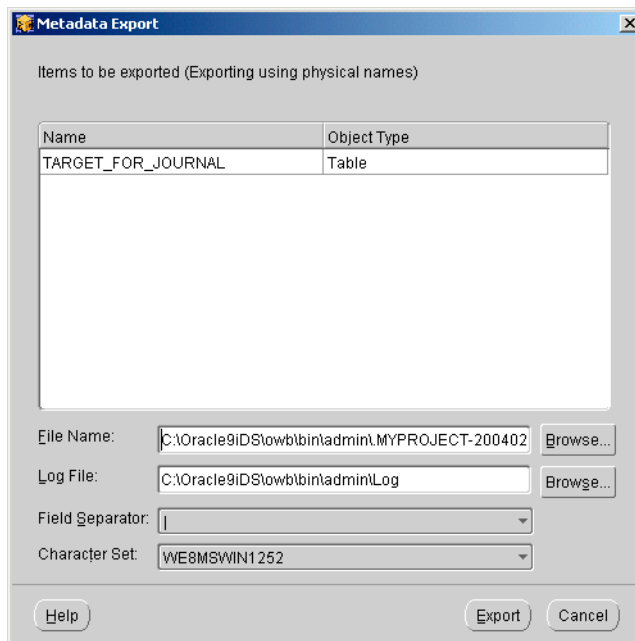
**Warehouse Builder Metadata Import:** When you import a Warehouse Builder project or specific objects into your repository using the Metadata Import Utility, Warehouse Builder records details of the import process in a log file. You can specify the name and location of this log file from the Metadata Import Utility dialog as shown in [Figure 10-1](#).

**Figure 10-1 Log File Location in the Metadata Import Utility Dialog**



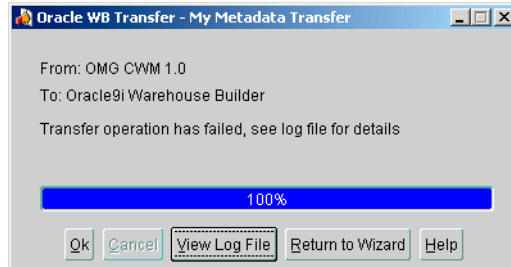
**Warehouse Builder Metadata Export:** When you export a Warehouse Builder project or specific objects using the Metadata Export Utility, then Warehouse Builder records the details of the export in a log file. You can specify the name and location of this log file from the Metadata Export dialog, as shown in [Figure 10-2](#).

**Figure 10-2 Metadata Export Log File Location**



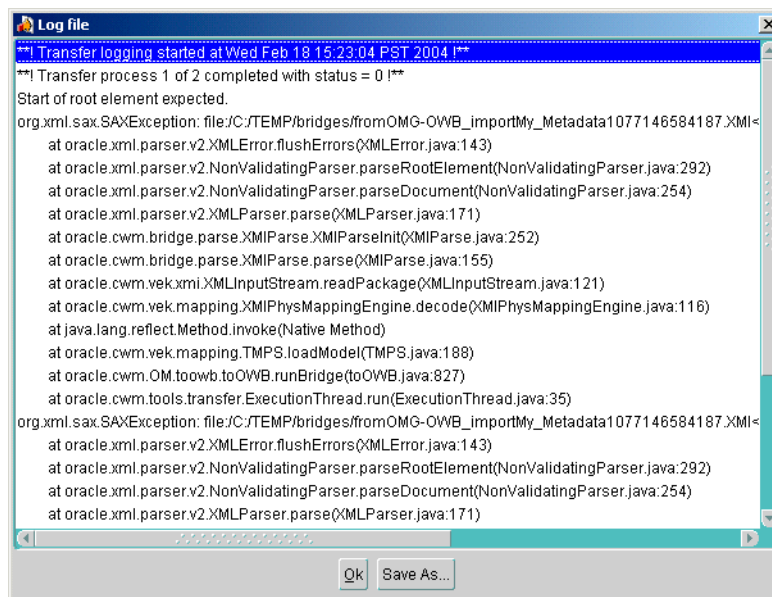
**Metadata Import or Export Using the Transfer Wizard:** If you are importing or exporting design metadata using the Warehouse Builder Transfer Wizard, then you can view the log file after the import is complete. Warehouse Builder displays the My Metadata Transfer dialog, as shown in [Figure 10–3](#).

**Figure 10–3** Transfer Wizard Log File



Click **View Log File** to view the log file, as shown in [Figure 10–4](#). Click **Save As** to save the log file to your local system.

**Figure 10–4** Metadata Import Log File

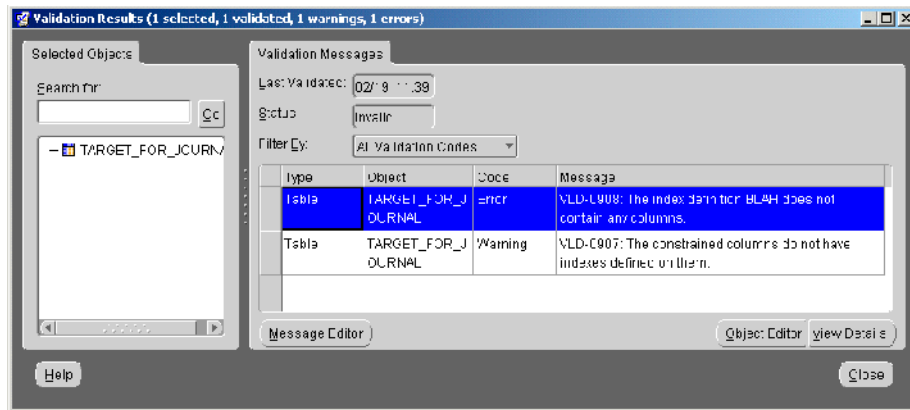


### Validation Errors

In Warehouse Builder, you can validate all objects from the console tree by selecting **Object**, then **Validate**. After the validation is complete, the validation messages are displayed in the Validation Results window, as shown in [Figure 10–5](#). Click **Message Editor** to view the errors in a text editor that enables you to edit and save the messages to your local system.

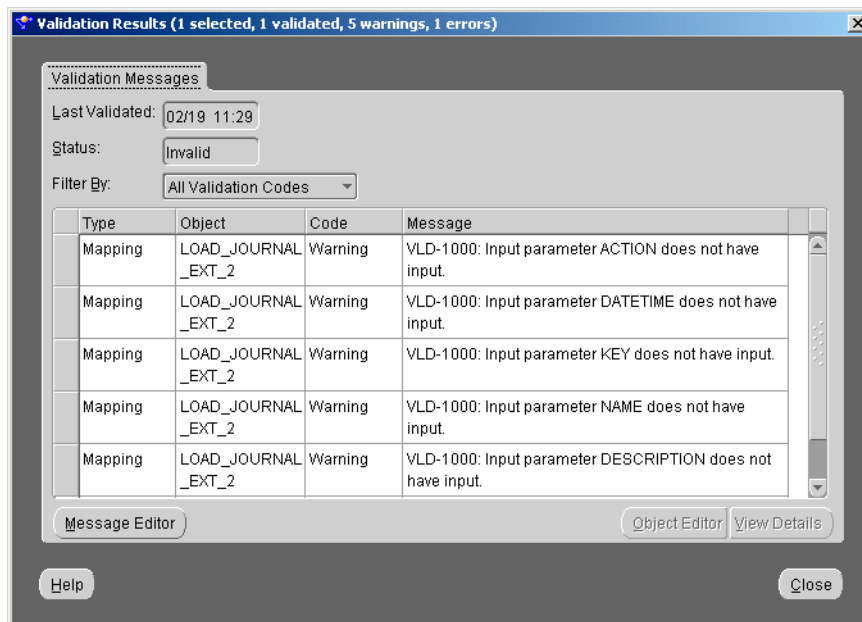
When you select a particular error message, the **Select Editor** and **View Details** buttons are activated. Click **Object Editor** to display the editor for the selected object. For example, in [Figure 10–5](#), if you click **Object Editor**, Warehouse Builder displays the Table Editor to enable you to fix the errors. When you click **View Details**, Warehouse Builder displays the detailed error message.

**Figure 10–5 Validation Error Messages**



You can also validate mappings from the Mapping Editor by selecting **Mapping**, then **Validate**. The validation messages and errors are displayed in the Validation Results window, as shown in [Figure 10–6](#).

**Figure 10–6 Validation Error Messages**



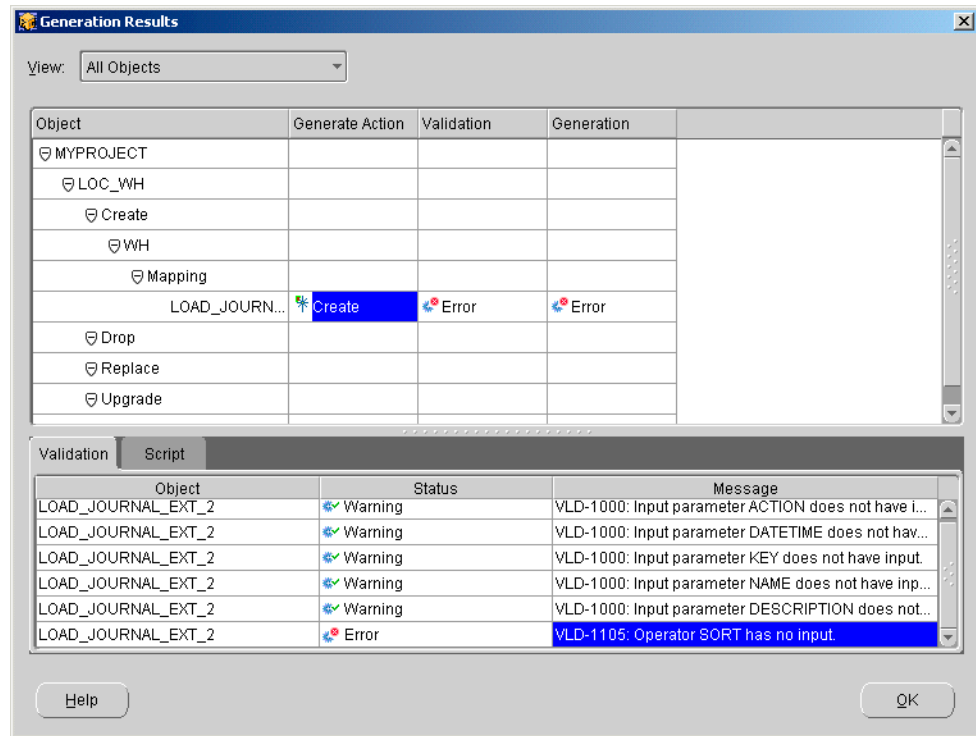
This window is similar to the Validation Results window displayed from the console. You can save the message to your local system by clicking **Message Editor**.

Warehouse Builder saves the last validation messages for each previously validated object. You can access these messages at any time by selecting the object from the console tree and then selecting **View** and then **Validation Messages**. The messages are displayed in the Validation Results window.

### Generation Errors

After you generate scripts for Warehouse Builder objects, the Generation Results window displays the generation results and errors, as shown in [Figure 10–7](#). Double-click an error under the messages column to display a message editor that enables you to save the errors to your local system.

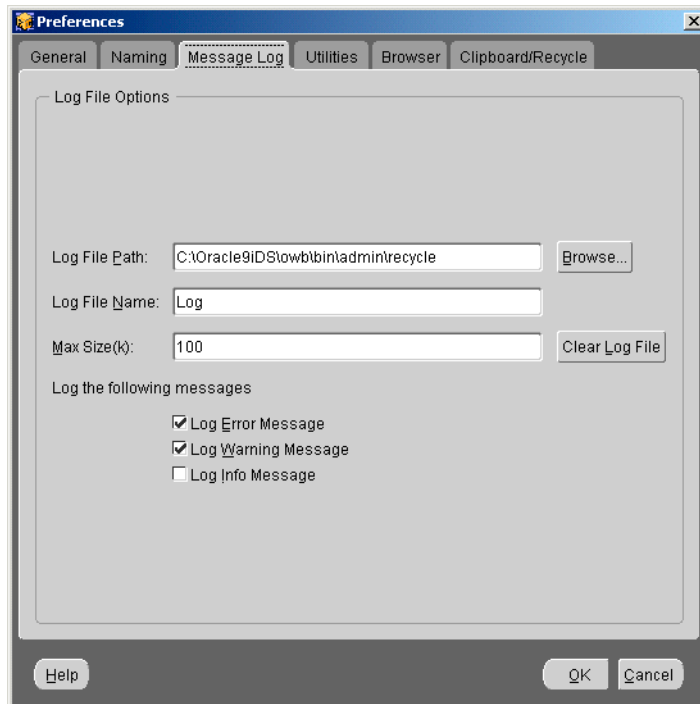
**Figure 10–7 Generation Results Window**



**Deployment and Execution Errors**

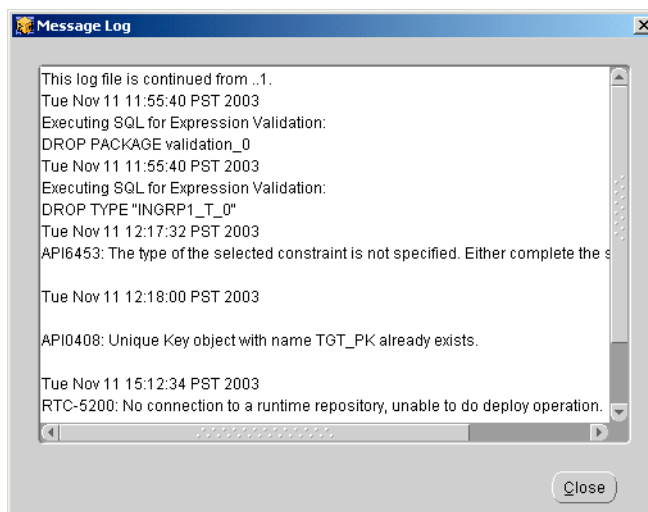
You can store execution or deployment error and warning message logs on your local system by specifying a location for them. From the Warehouse Builder console, select **Project**, then **Preferences**. Click the Message Log tab to set the log file path, name, and maximum size. You can also select the types of logs you want to store.

**Figure 10–8 Setting Error Log Preferences**



You can view this log of deployment and error messages from the Warehouse Builder console by selecting **View** then **Messages Log**. This Message Log window, as shown in [Figure 10–9](#), is read-only.

**Figure 10–9 Message Log Window**



**Runtime Audit Browser:** If an error occurs while transforming or loading data, the audit routines report the errors into the runtime tables. You can easily access these error reports using the Runtime Audit Browser (RAB). The RAB provides detailed information about past deployments and executions. These reports are generated from data stored in the Runtime Repositories. Click the Execution tab in the Execution reports to view error messages and audit details.

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### **Name and Address Server Errors**

If you are using the Name and Address cleansing service provided by Warehouse Builder, you can encounter related errors.

Name and address server start up and execution errors can be located at:

`[OWB_ORACLE_HOME]\owb\bin\admin\NASvr.log`

If your Name and Address server is enabled in:

`[OWB_ORACLE_HOME]\owb\bin\admin\NameAddr.properties:TraceLevel=1`

,

then it produces the log file `NASvrTrace.log`.

