



Loading Data Objects

Overview

Once connections to the selected sources and destination are established, you need to select the type of data objects to display and operate on. The Jobs/Job Groups data type is selected by default once a connection is established for the first time. The last selected data type is saved once the current session is closed and the application terminated. This data type will be selected upon start of the next session. To select a different type is a simple matter of selecting the corresponding tab. The type of data object that is currently selected is displayed in the title as well as the status panel of the **Main Selections** dialog.

Selecting the Type of Data Object

The type of data object displayed is managed from the Transport main menu. The type of data object displayed is managed given a tabbed, data type view from the Transporter main screen.

The data type options are:

- Jobs/Job Groups
- Calendars
- Business Views
- Variables
- Events
- Resources
- Actions
- Job Classes

Select a data type for display by selecting the corresponding tab. The list of data objects for each type can be very extensive depending upon the sources.

If you are working with job data objects, the number of jobs listed can be very large. With job objects, it is recommended that you filter out unwanted jobs before selecting the jobs to copy. The filter criteria specified in the current session is saved upon application termination and available for subsequent sessions. Only Jobs/Job Groups can be filtered.

From the list of data objects that is displayed, select the objects to copy by clicking in the check box to the left of the source object and then initiating the **Start Transfer** option.

Filtering Data Objects

Selecting the job data type may list an extensive number of jobs, making it difficult to navigate to the desired jobs for transport. You should filter which jobs display in the **Source** field to limit the number of jobs that are displayed. Jobs are filtered from the **Job Filter** dialog.

Job Filter Dialog

The **Job Filter** dialog is displayed by clicking the Filter button or by selecting the **Filter** option under the **Search** main menu.

Use this dialog to filter out undesired jobs. The elements included on this dialog are as follows:

- **Job** – Displays all the job instances that match the specified text string. You can use the wildcard characters, * (asterisk) or % (percent sign), in all text fields that use text strings. For example, A* will match (display) AB, ABB, and ABBB.
- **Group** – Filters for all job groups and their child jobs matching the criteria specified in this text field. The **Show Groups** option must be selected before you can use this text field. This text field also allows wild card characters.
- **Command** – Filters for jobs that use a specified command.
- **Agent** – Filters for all job instances that run jobs on the agent selected from the list. When no agent is selected, all agents are assumed. The default is to show all agents.
- **Agent List** – Filters for all job instances that run jobs for the agent list selected from the agent list.
- **Owner** – Filters for all job instances that owned by the user or workgroup selected from the list. If left blank, jobs belonging to all of the various owners are displayed.
- **Calendar** – Filters for jobs that use a specific calendars.
- **Job Class** – Filters for all jobs belonging to the job class selected from the list. If left blank, jobs belonging to all job classes are displayed.
- **Enabled** – Selecting the Yes option filters for all jobs that are enabled. Selecting the No option filters for all jobs that are disabled. Leaving this text field blank includes all jobs, whether enabled or not.
- **Show Groups** – Filters for job groups. Selecting this option ensures that all job groups/jobs are displayed according to their parent/child relationships. Leaving this option cleared means that the parent/child relationships of job groups are not displayed.
- **Defaults** – Clicking this button resets the job filter criteria to the default options. This clears all text fields of their criteria though the **Show Groups** option is selected by default.
- **Server Filtering** – Used to limit the number of records returned to Transporter. A query condition that specifies the filter criteria is generated on the database server, and has a direct performance benefit, especially for large scale databases. While using server filtering, select the Include Dependencies option to ensure the set of jobs returned includes dependent jobs,



Note The filter is only applied to the Source Database. The destination Database is unfiltered.

After setting the filter criteria for jobs, click the **OK** button to display only the jobs in the source that meet the specified criteria.

Even after filtering jobs, you may still have more jobs than you want. The specific jobs that will be worked with must still be selected.

Finding a Specific Data Object

If there is an extensive list of data displayed in the source or destination lists, you may have difficulty finding a specific data object. Transporter provides a way for you to search for a specific data object using a text string.

To find a specific data object at the source:

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- Step 1** In the **Search** field next to the **Find** button, enter a string of text to search for.
 - Step 2** Click the **First** button to display the first data object that matches the specified criteria from the source list.
 - Step 3** Click the **Next** button to go to the next data object that matches the search criteria.
 - Continue clicking the **Next** button until you arrive at the desired item.
 - If no data object matches the search criteria, a “Not found.” message is displayed.
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To find a specific data object at the Destination:

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- Step 1** In the **Search** field next to the **Find** button, enter a string of text to search for.
 - Step 2** Select the **Find First** menu option from the destination popup menu, to display the first data object that matches the specified criteria from the destination list.
 - Step 3** Select the **Find Next** menu option from the destination popup menu, to go to the next data object that matches the search criteria.
 - Continue selection of **Find Next** until you arrive at the desired item.
 - If no data object matches the search criteria, a “Not found.” message displays.
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Selecting Specific Data Objects

While you may want to copy all of the objects listed in the source, it is more likely that you need to selectively designate which objects will be copied.

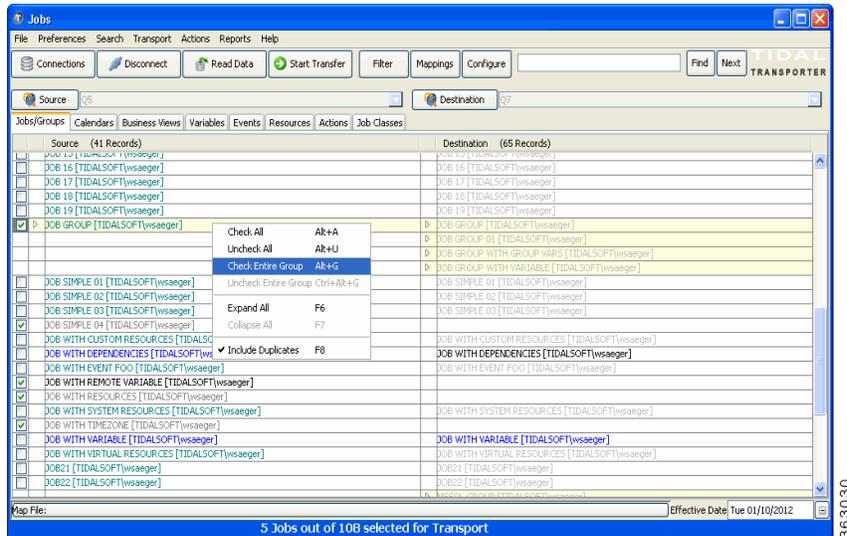


Figure 5-1 Selecting Data Objects

The following options are available for making your selections:

- For all Data Types, select an individual data object by clicking on the check box to the left of the source object to display a check mark.
- For job groups, select a job group by selecting not only the job group but also individually selecting its child jobs.

-or-

Right-click on the job group and select the **Check Entire Group** option from the displayed context menu. You can also click on the job group while pressing the **SHIFT** and **CTRL** keys to select the entire job group simultaneously.



Note

Clicking on a job group selects the job group parent and all child jobs within the job group given Job Transport Configuration options, **Auto Select Parent Group** and **Auto Select Children**.

Context Menu



Note

The availability of menu options varies depending on the data type selected.

Right-clicking in the **Source** or **Destination** fields displays a context menu of selection and display options specific to the data type selected. If a keyboard shortcut is available, it is displayed beside the menu option.

The following options are available in the context menu at the source for the Job type:

- **Check All** – Selects all of the listed objects, placing a check mark in each check box.
- **Uncheck All** – Clears the check box of each selected object.
- **Check Entire Group** (Applies only to the jobs/groups object type.) – Selects the highlighted job group and its child jobs.
- **Uncheck Entire Group** (Applies only to the jobs/groups object type.) – Clears the check box of the selected job group.
- **Expand All** – Expands all job groups in the source and destination, displaying their child jobs.
- **Collapse All** – Collapses all job groups in the source and destination, hiding their child jobs from view.
- **Include Duplicates** – Displays all source objects that exist in the destination. A check mark beside the menu option means the option is enabled. No check mark beside this menu option means the option is disabled. No check mark beside this menu option means that the option is not selected and duplicate objects are not displayed.

The following options are available in the context menu at the Destination for the Job type:

- **Expand All** – Expands all job groups in the source and destination, displaying their child jobs.
- **Collapse All** – Collapses all job groups in the source and destination, hiding their child jobs from view.
- **Rename** – Allows for the renaming the destination object.
- **Enable** – Enables a destination object. This option applies to Jobs, Events, and Resources.
- **Disable** – Disables a destination object. This option applies to Jobs, Events, and Resources.
- **Find First** – Finds the first destination match for the criteria specified in the search text field.
- **Find Next** – Finds the next destination match for the criteria specified in the search text field.

Saving the Job/Job Group Object Selections

The process of selecting job objects to copy can be time consuming, depending upon the number of jobs you are working with. Creating a selection file will save time and effort when repeating the copying process in the future. However, the primary benefit of preserving your selections, is that you can perform the copying operation at a later time as a scheduled job in TES.

The selection file saves the names of the source and destination being used, the current configuration option settings, and the jobs/job groups that are selected. The information within the selection file can be examined by opening the file with a standard text editor program like Notepad. A *.xpr* extension is added when the selection file is saved for easy identification. By specifying the name of the selection file as a command line parameter, you can run the job copying process as a batch job in TES. See [“Running Transporter in Batch Mode”](#).

To create a selection file:

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- Step 1** Complete the selection of the job objects between the source and destination.
 - Step 2** From the **File** menu, select the **Save** selections option to display the **Save Selections to File** dialog.
 - Step 3** Name and save the file to the desired directory location. Providing a qualified name for the selection file will be helpful when searching for the file in the future.

An **Information** dialog confirms that the selection file was created successfully.

Loading the Selected Data Objects

If a selections file has been saved, you can load the job/job group data and configuration option settings specified in the file by selecting **File >Load Selections** from the main menu while the job type is in effect. The **Open Selection File** dialog appears. Select the desired file to load the corresponding jobs into transporter.