

Automating batch scripts

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Generating command line scripts

Each job editor has a Generate Command Line button to launch the Script Generation Wizard, which helps you create batch files that automatically run one or more jobs.



By default, each command line script picks up the name of its job. You can specify output files in CSV, XML, RTF, HTML, or PDF format.

The **Report Directory** column indicates the location where reports are created.

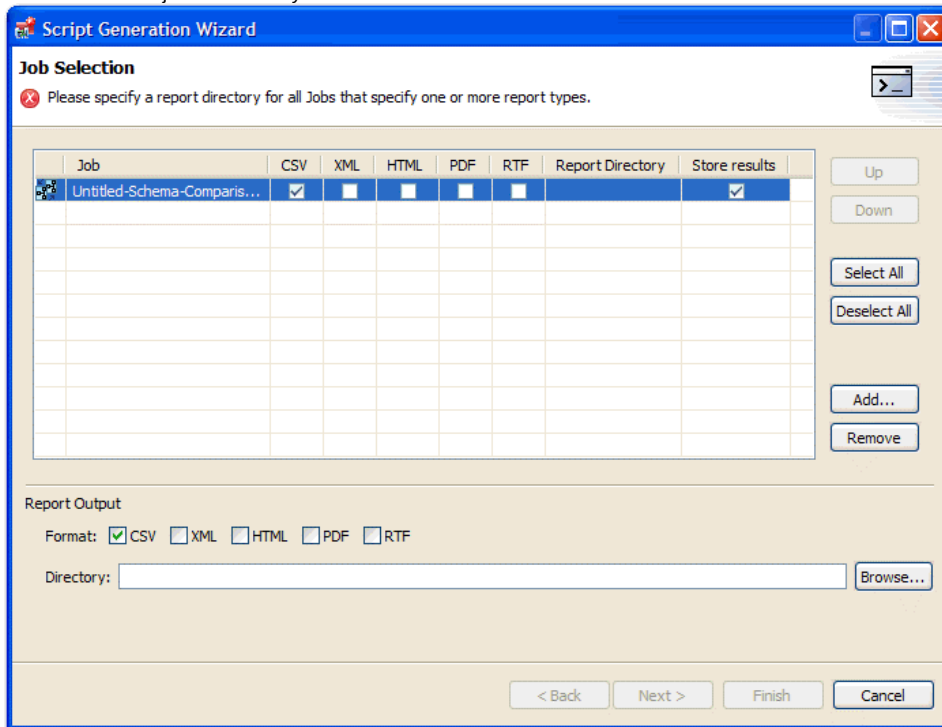
The **Store Results** column indicates whether the job results are saved once the job has executed.



Make sure that the job has been saved.

To create a script file

1. In the job editor, select the **Generate Command Line** icon located in the upper-right hand corner.
2. In the Script Generation Wizard, locate the job in the table.
3. Check the job report output format you prefer.
4. Click and specify the **Report Directory** where you want to store the report file.
If you want to create a batch file to run multiple jobs, click **Add**, and then add the other jobs.
If needed, reorder the jobs using the **Remove**, **Up**, and **Down** buttons. For example, an archive needs to be created before its version can be used in a comparison job.
5. Click **Next**.
6. Click and specify the location where you want to store the batch script file.
7. Select the script format, **.bat** or **.xml**.
8. Click **Finish**. The job immediately runs.

The 'Script Generation Wizard' dialog box is shown. It has a title bar with standard window controls. The main area is titled 'Job Selection' and contains a table with columns: Job, CSV, XML, HTML, PDF, RTF, Report Directory, and Store results. The first row is selected and shows 'Untitled-Schema-Comparis...' with checkboxes for CSV, XML, HTML, PDF, and RTF. The 'Report Directory' and 'Store results' columns are empty. To the right of the table are buttons for 'Up', 'Down', 'Select All', 'Deselect All', 'Add...', and 'Remove'. Below the table is a 'Report Output' section with a 'Format:' label and checkboxes for CSV (checked), XML, HTML, PDF, and RTF. Below that is a 'Directory:' label followed by a text input field and a 'Browse...' button. At the bottom of the dialog are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'. A red 'X' icon and a message 'Please specify a report directory for all Jobs that specify one or more report types.' are visible at the top of the main area.

Using the changec Command Line Program

The changec command line program runs DB Change Manager job scripts. It is located in the DB Change Manager installation directory.

changec options include:

- The -job option specifies the jobs to run. Its parameter is the fully-qualified job file name and location.
- The -output option specifies reporting format for the job. Its parameters are: CSV, XML, RTF, HTML, or PDF.
- The optional -dontstore flag specifies that the results for the job are not stored.

For example, the syntax below runs the MyConfigCompare database comparison job and generates a report in PDF format:

```
-job  
"C:\Users\test1\change_workbench_5_0\workspace\DatabaseChange\MyConfigCompare.dcj"  
-output PDF "c:/report"
```

To execute multiple jobs from the same command line, use the following syntax:

```
changec -bulk bulk_file_name
```

Where bulk_file_name is a file where each row has a -job option. The -job option accepts these regular expressions:

- ** indicates all sub folders in a directory location
- * indicates any string

For example, the following command runs all jobs in all projects and folders in the workspace:

```
changec -job workspace:\**\*.caj
```

To run a job from the command line:

- From the command line, enter a command with the following format:
changec -job "path_and_name.dcj" -output report_format " report_directory_path"
The job immediately runs and saves the report in the specified directory.