



Creating Your First Job

Overview

This chapter describes how to use the Tidal Web client to create, run and view the results of a job.

To complete the exercises in this tutorial, you need to:

- Select the **Super User** option in your User definition
- Configure a default agent
- Create and have available the work day calendar

You must also copy and configure all six Unix sample scripts ending with **.sh** from the installation DVD.

Launching the Tidal Web client

To launch the Tidal Web client you must go to **http://<servername>:8080**, where **<servername>** is network name or address of Client Manager host, and log on using valid user credentials. For a list of browsers that are supported, see your *Enterprise Scheduler Reference Guide*.

Setting Default Job Parameters

Many parameters can be set from the **System Configuration** dialog. We will use the Enterprise Scheduler defaults throughout most of this tutorial.

To check, and if necessary, to change the default agent:

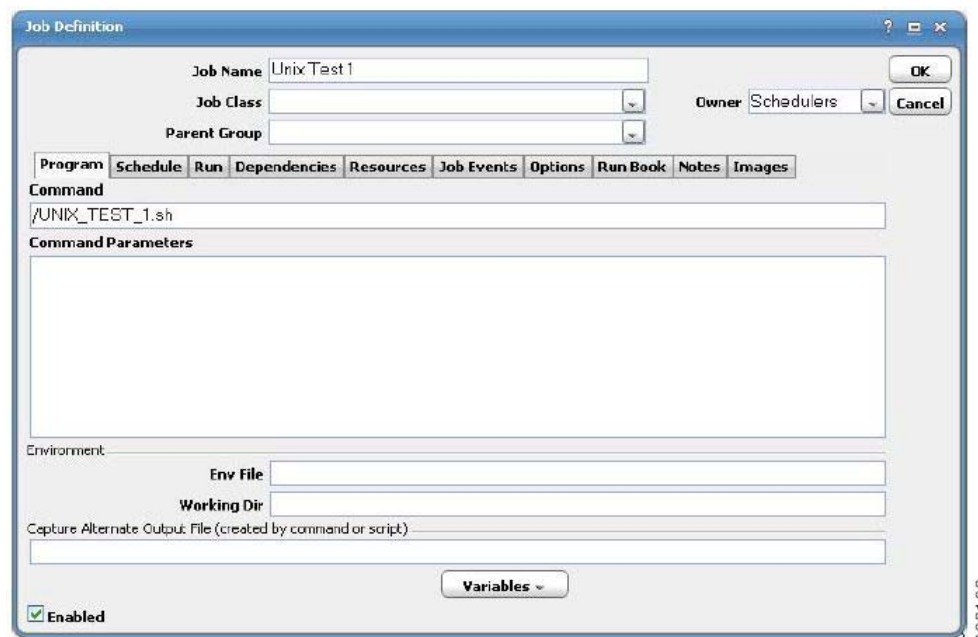
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- Step 1** From the **Activities** menu, select **System Configuration** to display the **System Configuration** dialog.
 - Step 2** Click the **Defaults** tab.
 - Step 3** To change the default agent, select a valid agent from the **Agent Name** list.
 - Step 4** Click **OK**.
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Creating the Report Job Definition

To create the Report job definition:

- Step 1** From the **Navigator** pane, select **Definitions>Jobs** to display the **Jobs** pane.
Unless other users have already created job definitions, the display does not show any data at this time.
- Step 2** Right-click in the **Jobs** pane of the console and select **Add Job** from the context menu, or click the **Add** button on the toolbar.
The **Job Definition** dialog displays.

Figure 3-1 Job Definition Dialog



- Step 3** In the **Job Name** field, enter **Unix Test 1** as the name of your new job.

- Step 4** In the **Command** field, enter the full path to the file:

/UNIX_TEST_1.sh

Note The command **/UNIX_TEST_1.sh** lists all files in the current directory on the agent machine.

- Step 5** Click the **Run** tab.

- Step 6** From the **Runtime Users** list, select a runtime user with access to the Unix agent.

The runtime user is the user under whose account the program or script needs to run. Since **Unix Test 1** is a system command, any user with access to the Unix agent can run this command.

- Step 7** Click **OK**.

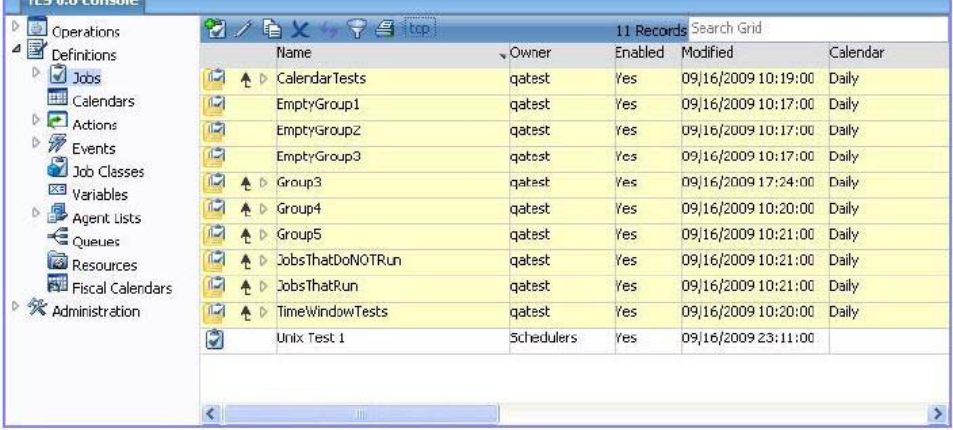
A confirmation dialog displays.

This confirmation dialog reminds you that since a calendar is not associated with the job, it will not be scheduled to run automatically. We did not select a calendar because we are going to submit the job manually.

Step 8 Click **Yes**.

The **Unix Test 1** job appears in the **Jobs** pane with your user name as the owner.

Figure 3-2 UNIX Test 1 Job Displayed on the Console



Name	Owner	Enabled	Modified	Calendar
CalendarTests	qatest	Yes	09/16/2009 10:19:00	Daily
EmptyGroup1	qatest	Yes	09/16/2009 10:17:00	Daily
EmptyGroup2	qatest	Yes	09/16/2009 10:17:00	Daily
EmptyGroup3	qatest	Yes	09/16/2009 10:17:00	Daily
Group3	qatest	Yes	09/16/2009 17:24:00	Daily
Group4	qatest	Yes	09/16/2009 10:20:00	Daily
Group5	qatest	Yes	09/16/2009 10:21:00	Daily
JobsThatDoNOTRun	qatest	Yes	09/16/2009 10:21:00	Daily
JobsThatRun	qatest	Yes	09/16/2009 10:21:00	Daily
TimeWindowTests	qatest	Yes	09/16/2009 10:20:00	Daily
Unix Test 1	Schedulers	Yes	09/16/2009 23:11:00	

Adding Your Job to the Production Schedule

To add the job to the production schedule:

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- Step 1** Right-click the **Unix Test 1** job and select **Insert Job Into Schedule** from the context menu.
The **Insert Job Into Schedule** dialog displays.
 - Step 2** Click **OK**.
 - Step 3** When the **Information** dialog confirming that the job was added to the current production schedule displays, click **OK**.
 - Step 4** In the **Navigator** pane, select **Operations>Job Activity** to monitor your job.
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Monitoring Your Job

The **Job Activity** pane is a key component in monitoring your production schedule with Enterprise Scheduler. All crucial job scheduling information is available at a glance from the **Job Activity** pane. The easy-to-read layout allows you to focus on the area of the display that is of interest to you. The columns and panes are resizable. Scrollbars facilitate access to the data you need.

From the **Job Activity** pane, you can:

- see when jobs are added or scheduled
- remove jobs (if you have sufficient security privileges)
- monitor the progress of a job from a scheduled state through execution of the job
- control job execution

Some of the job statistics available from the **Job Activity** pane are:

- the job owner
- the Enterprise Scheduler agent assigned to run the job
- estimated duration of the job
- the exit code of the completed job
- the actual command that the job represents
- the next date on which the job will run
- the calendar associated with the job (if any)
- the queue associated with the job (if any)
- the job's priority level
- the job group associated with the job (if any)

When jobs are scheduled, the **Jobs** pane in the center of the console shows one job per line, plus the job number, job name, job status, etc.

Job Output Options

There are three job output options:

- **Discard** – Discards all job outputs. There will be no output log available for review.
- **Append** – Saves job outputs by appending the current output to a single log.
- **Replace** – Creates a new output file each time the job runs, replacing the previous log.

Note Enterprise Scheduler's default is to discard output.

Specifying the Disposition of Job Output

To specify the disposition of job output:

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- Step 1** From the **Activities** main menu, select **System Configuration**.

- Step 2** Click the **Defaults** tab.
- Step 3** In the **Save Output Option** section, select **Discard**, **Append** or **Replace**. For the exercises in this tutorial, select **Replace**.
- Step 4** Click **OK**

Note To be able to view the output of a job, the **Append** or **Replace** option for job output must be selected prior to running the job.

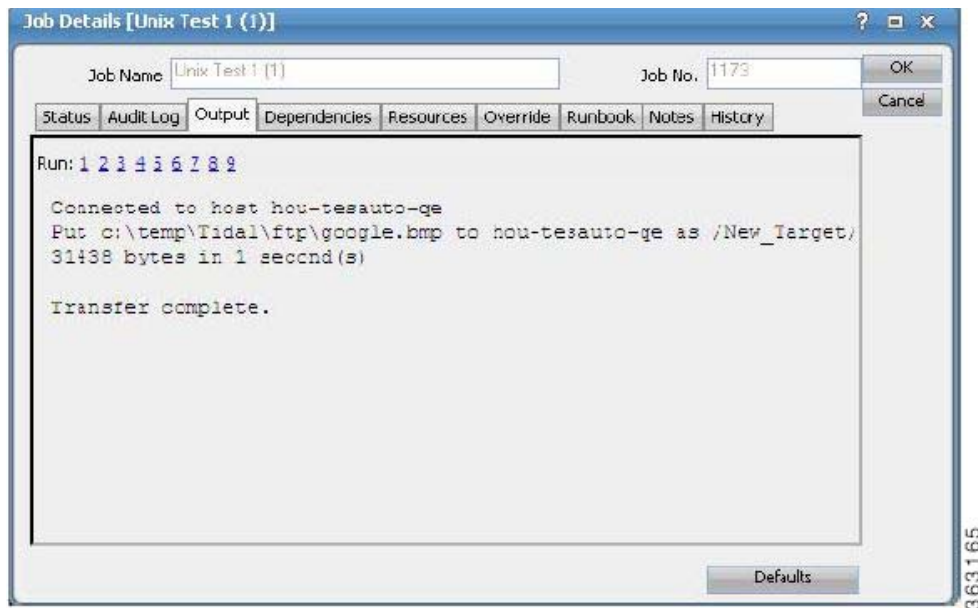
Viewing Job Output

You can view the output of a job at any time if you selected the **Append** or **Replace** option for job output prior to running the job.

To view job output:

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- Step 1** Go to the **Job Activity** pane.
- Step 2** To display the **Job Detail** dialog, either double-click the **Unix Test 1** job or right-click the **Unix Test 1** job and select **Details** from the context menu.
- Step 3** Click the **Output** tab. If you do not select the **Save Output** option before running a job, you will see a Enterprise Scheduler message rather than actual job output.

Figure 3-3 Job Detail Dialog, Output Tab



- Step 4** Click **OK**.
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