



Batch Monitor User Manual

You can use the Batch Monitor to view or adjust the status of batches and jobs processed by Compressor or Apple Qmaster. You can also use the Batch Monitor to view detailed history for recently completed batches and jobs.

You use the Batch Monitor to monitor the transcoding progress of batches and jobs. You can stop, resume, or delete any submitted job or batch up to the point at which the transcoding is complete.

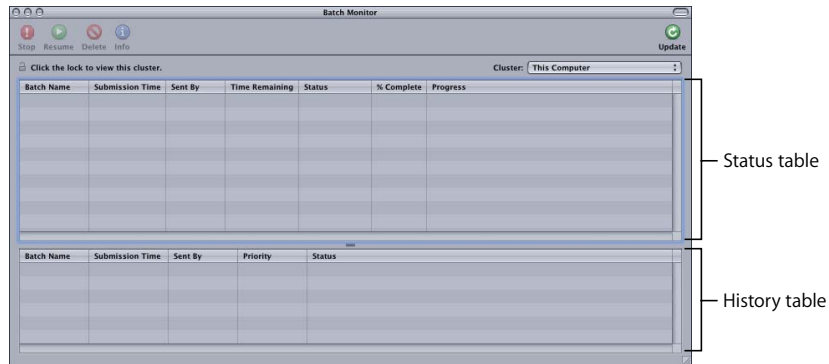
Just as Printer Setup Utility allows you to view print jobs submitted to a printer, the Batch Monitor lets you view the status of batches submitted for processing. For example, the Batch Monitor displays each batch's name, details of where it originated, the percentage of completion, and the estimated time before completion. Batches not yet running appear as pending.

This document covers the following:

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About the Batch Monitor

The Batch Monitor contains the following items:



- *Stop button*: Puts the selected batch or job on hold. To restart transcoding of the batch or job, select it and click the Resume button.
- *Resume button*: Restarts transcoding of a batch or job after it has been stopped.
- *Delete button*: Removes the selected batch from the Status table.
- *Info button*: Opens the Status Information window, which gives detailed information on either a batch or job currently being transcoded or a completed batch or job listed in the History table.
- *Update button*: Updates information shown in the Batch Monitor.
- *Status table*: Lists details of batches and jobs currently being transcoded. You can use Batch Monitor Preferences to determine which headings appear. You can also drag the headings to change their order. “[Setting Batch Monitor Preferences](#)” on page 9 for details on choosing the headings and information on what each heading shows.
- *History table*: Lists (for 24 hours) details of batches and jobs that have been transcoded or have encountered some sort of error or cancellation. The History table contains the following headings:
 - *Batch Name*: Name given to the batch when it was submitted.
 - *Submission Time*: Date and time the batch was submitted.
 - *Sent by*: Submitter’s user name.
 - *Priority*: Priority level for each job within a batch (defaults to High).
 - *Status*: State of the transcoded batch or job. Possible transcoding states are Successful, Canceled, or Failed (with relevant error messages describing the failure).

Unlike the Status table, Batch Monitor Preferences do not affect these headings. However, you can drag the headings to change their order and column sizes.

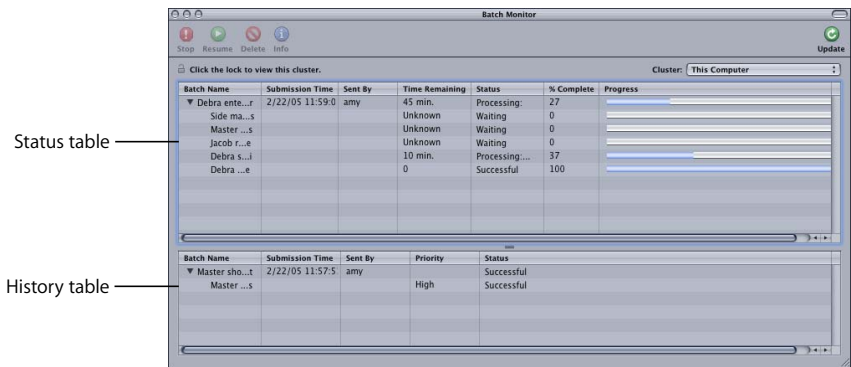
Viewing or Changing the Status of a Submitted Batch

You open the Batch Monitor to see the status of a submitted batch and all the jobs contained within it. Because it is a standalone application, you can view the Batch Monitor window whether or not Compressor or Apple Qmaster is open or whether or not you have submitted anything.

By default, Batch Monitor will launch automatically whenever you submit a batch using either Compressor or Apple Qmaster.

To view the status of your batch:

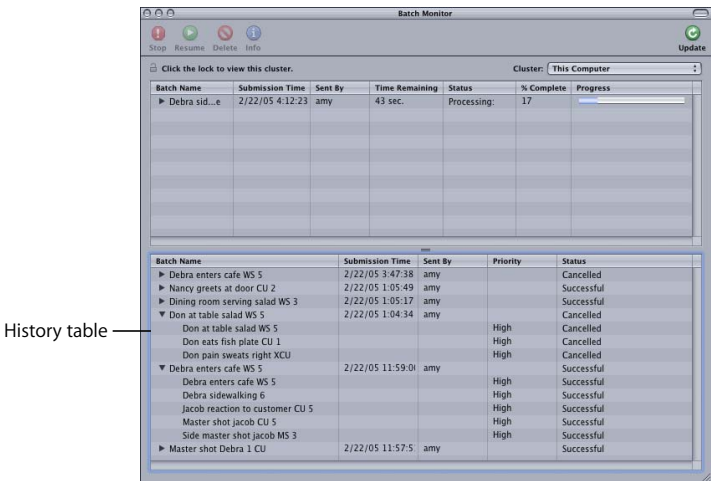
- 1 To manually open the Batch Monitor, double-click the Batch Monitor icon in the Utilities folder or click the Batch Monitor button in the Apple Qmaster window. The Batch Monitor opens. If you just submitted a batch, you should see it being processed. If you didn't recently submit a batch, the table is empty.
- 2 View the batch processing details and take any necessary action:
 - Click the disclosure triangle next to the batch name for information about individual jobs.
 - To pause a job or batch, select it and click the Stop button.
 - To restart, click the Resume button.
 - To delete a job or batch, select it and click the Delete button.



When the progress report reaches 100 percent, your media file has been successfully transcoded and saved in the designated destination folder. The submitted batch is moved to the History table below the Status table.

- 3 In the History table, click the disclosure triangle next to the batch name to see if jobs in your batch transcoded successfully.

If the Status column displays Successful, your batch transcoded successfully. Otherwise, the Status column informs you of the problem with a relevant error message.



- 4 Open the destination folder to view the newly transcoded output media file.

Batch Monitor Controls and Displays

The Batch Monitor includes the following controls and displays.

Batch Monitor Table

The Batch Monitor table can include any of the items below. By default, some of them are not displayed. (In Batch Monitor Preferences, you can choose which columns to display.)

- ▶ **Tip:** Drag a column label to reposition its order in the table.
- *Batch Name:* Name given to the batch when it was submitted.
- *Submission Time:* Date and time at which the batch was submitted for processing.
- *Sent By:* Name of the batch owner (the user who submitted the batch).
 - *Job:* Title of the individual job in the batch.
 - *Target:* If a target (for example, an output format) was specified in the batch submission, it is listed here.
 - *Segment:* If the job was subdivided into segments for distributed processing, the segment is listed here.

- *Job Type*: Name of the application (Compressor, Apple Qmaster, etc.) that is submitting the batch.
- *Priority*: Priority level for an entire batch, not for individual jobs. (Defaults to High.) High-priority batches get processed before medium-priority batches.
- *Time Elapsed*: Time elapsed since transcoding of the batch or job began. The batch number shown is always the overall time, while the job time can be either the same or less time.
- *Time Remaining*: Estimated time remaining to process the batch.
- *Status*: State of the batch (for example, Waiting or Processing).
- *%*: Percentage indicating the amount of processing completed.
- *Progress*: Progress meter indicating the amount of processing completed.

History Table

This table includes the following:

- *Batch Name*: Name given to the batch when it was submitted
- *Sent By*: Name of the batch owner (the user who submitted the batch)
- *Priority*: Batch priority level
- *Status*: State of the batch (for example, Canceled)

Note: You can click the disclosure triangles next to batch names in both the Status table and the History table to reveal details on individual jobs and elements of jobs.

Distributed Processing Features

- *Cluster pop-up menu*: Choose the cluster you want to monitor. (If there is only one cluster on your Apple Qmaster network, there is no need to select a cluster.)
- *Lock button*: Click to enter a cluster password that allows you to view the status of batches. If you opened the Batch Monitor from Apple Qadministrator, enter your cluster administrator password here to view all the batches in this cluster. Otherwise, enter your cluster user password to view your own batches in this cluster.

For more information on using the Batch Monitor with a distributed processing network, see “Batch Monitor and Distributed Processing” on page 7.

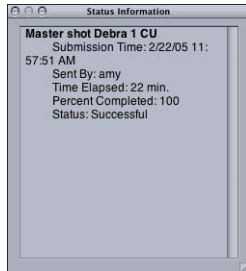
Viewing Detailed Status Information for a Submitted Batch

You can check detailed transcoding results of a submitted batch by opening the Status Information window.

To view detailed status information for a submitted batch:

- Select either a batch or a particular job in a batch from the Status or History table and click the Info button.

The Status Information window appears with the following detailed information about either the selected batch or job:



- *Batch Name*: In bold.
- *Submission Time*: Date and time the batch was submitted.
- *Sent By*: Submitter's user name.
- *Time Elapsed*: Time elapsed since transcoding of the batch or job began. The batch number shown is always the overall time, while the job time can be either the same or less time.
- *Percent Completed*: Percentage of completion dynamically displayed as a number between 1 and 100.
- *Status*: State of the transcoded batch or job. Possible transcoding states are Successful, Canceled, or Failed (with relevant error messages describing the failure).

Batch Monitor and Distributed Processing

If you have set up an Apple Qmaster distributed processing system to process Compressor or Apple Qmaster jobs, then Batch Monitor will offer some additional features. For example, both administrators and client users can use the Batch Monitor to monitor the processing of submitted jobs. Administrators can stop or cancel any batch, as long as they have the administrator password for the cluster that is processing the batch, and users can stop or cancel their own batches.

The Batch Monitor and Passwords

There are different kinds of passwords that may affect how you use the Batch Monitor. See the *Distributed Processing Setup* guide for more information.

Administrator Password

If you create this password, administrators will need to know it in order to modify this cluster and to view the selected cluster's batches in the Batch Monitor. To create an administrator password, click the Security tab in Apple Qadministrator.

User Password

If you create this password, users will need to know it in order to submit batches to the selected cluster and to view those batches in the Batch Monitor. To create an administrator password, click the Security tab in Apple Qadministrator.

Service Node Password

If you are setting up a QuickCluster, other users will be required to enter this password before being allowed to submit remote requests to the computer.

If you are setting up a cluster to use with Qadministrator, an administrator will be required to enter this password before being allowed to add the computer to a cluster. To create a service node password, click the "Require password" checkbox in the Apple Qmaster pane of System Preferences.

Viewing or Changing Batch Status for Distributed Processing

To view or change batch status:

- 1 Open the Batch Monitor in one of the following ways:
 - *Administrators who want to see or modify the status of batches:* Choose Cluster > Batch Monitor when Apple Qadministrator is open.
 - *Users who want to see the status of batches and modify the status of their own batches:* Use the Batch Monitor that opens after you submit a batch, or double-click the Batch Monitor icon in the Utilities folder.
- 2 Choose the cluster you want to see from the Cluster pop-up menu.

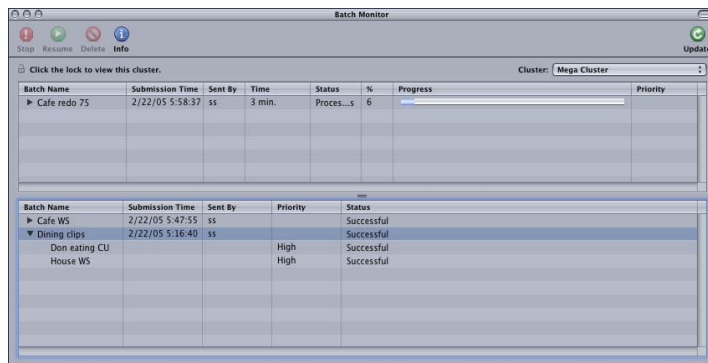
If you don't see any batches in the cluster, and the lock icon in the Lock button is closed, click the Lock button and then enter the cluster administrator password or cluster user password in the dialog that appears. (These passwords are created with Apple Qadministrator or with the Apple Qmaster pane in System Preferences. See the *Distributed Processing Setup* guide for more information.)

- 3 View the batch processing details and take any necessary action:

Note: By default, some columns are not displayed. (In Batch Monitor Preferences, you can choose which columns to display.)

- To pause or delete a job or batch, select it and click the Stop or Delete button. To restart a job or batch, select it and click Resume.
- Click the disclosure triangle next to a batch name for information about individual jobs, and the triangle next to the job name to see any segments into which a job has been subdivided.
- Click the disclosure triangle next to a batch name in the History table to see if individual jobs in the batch transcoded successfully.

If the Status column for a batch or job in the History table displays Successful, it was successfully completed. If not, text describing the status appears there.



Note: Client users cannot modify other users' batches: When they select a batch or job submitted by another user, the Stop, Resume, and Delete buttons are not available.

For more details, see "Setting Batch Monitor Preferences," next, and "Batch Monitor Controls and Displays" on page 4.

Setting Batch Monitor Preferences

Most of the information displayed in the Batch Monitor can be shown or hidden using settings in the Batch Monitor Preferences window.

To set the Batch Monitor Preferences:

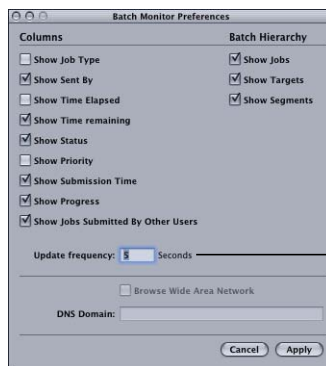
1 Do one of the following:

- Choose Batch Monitor > Preferences.
- Press Command-, (comma).

Batch Monitor Preferences opens.

2 Select the checkbox next to the items under the Columns heading that you want to see in the Batch Monitor Status table.

- *Show Jobs Submitted By Other Users:* Check this box to list batches that are currently being processed that were submitted by other users. This would apply in two cases: where one user submitted a batch, and then a second user logged onto the computer, or in the case of distributed processing with either Compressor or Apple Qmaster.
- *Update frequency:* This field lets you set how many seconds should pass before the Batch Monitor window updates the status information.



You can set how many seconds should pass before the Batch Monitor updates with information sent by the processing computer.

- 3 Select the checkbox next to the items under the Batch Hierarchy heading to set the detail level to show for each submitted batch.
 - *Show Jobs*: Lists all jobs (either Compressor source media files with settings assigned or Qmaster jobs) that are included with the batch.
 - *Show Targets*: Lists all targets (destinations) that are included with the batch.
 - *Show Segment*: Lists size of segments.
- 4 Click Apply to save the changes.

Note: The Status Interval setting in Apple Qadministrator Cluster Preferences takes precedence over the Update frequency setting in Batch Monitor Preferences. The Batch Monitor can provide new status information only as often as it receives it from the cluster controller, as set in the Status Interval field of the Apple Qadministrator Cluster Preferences dialog. See “Setting Cluster Preferences” in the *Distributed Processing Setup* guide for more information.