



GLOBALECS®

KNOWLEDGE BASE

HOW TO SIMULATE A GECS JOB

It is possible to 'simulate' the run of a job. When a job is simulated, the system acts as though the job actually ran, except that the command line isn't actually executed. This can be useful if you have a series of steps in a job flow with dependencies and you want to 'skip' a particular step. You can 'simulate' the job rather than deleting it and having to adjust your dependencies. When jobs are simulated they display as a completed job with a status of "Simulated Job Run" to indicate that the command line didn't actually run.

The screenshot shows the GlobalECS Administrator interface (Version 4.70.056-Win64). The left sidebar contains a navigation tree with categories like Home, Jobs, Agent Jobs, Complete Jobs, Job Sentry, On Hold Jobs, Pending Jobs, Running Jobs, Batches, SLA Monitor, Job Templates, Studio Worksheets, Events, Calendars, Resources, Variables, SQL Variables, Vacations, Users, Credentials, Connections, Security Profiles, Notification Lists, System View, Event Definitions, and Audits. The main window displays a table of jobs with columns: Job, Status, Date, Time, Agent, Title, and Alert. A context menu is open over the 'DAILY.11AM' job, showing options like 'Add New Job', 'Delete Job', 'Job Detail', 'Why this job can't run', 'This jobs history', 'Copy Job As', 'Ignore Job Dependencies', 'Ignore Job, File and Event Dependencies', 'Ignore All Dependencies', 'Respect Job, File and Event Dependencies' (checked), 'Run Job As...', 'Skip and Reschedule', 'Simulate Now' (highlighted with a red arrow), 'Put on Hold', 'Wait for Activation', 'This Jobs Events...', 'This Jobs Schedule...', 'This Jobs Audits...', and 'Copy Job ID'. The status of the jobs in the table is as follows:

Job	Status	Date	Time	Agent	Title	Alert
SAMPLE_BATCH.C	Late	01				st 0
SAMPLE_BATCH.B	Simulated Job Run	01				st 0
SAMPLE_BATCH.A	Successful	01				st 0
DAILY.9AM	Pending	01				st 0
DAILY.9AM	Successful	01				st 0
DAILY.9AM	Successful	01				st 0
DAILY.5PM	Pending	01				st 0
DAILY.5PM	Successful	01				st 0
DAILY.5PM	Successful	01				st 0
DAILY.1PM	Pending	01				st 0
DAILY.1PM	Successful	01				st 0
DAILY.1PM	Successful	01				st 0
DAILY.11AM	Pending	01				st 0
DAILY.11AM	Successful	01				st 0
DAILY.11AM	Successful	01				st 0

Jobs that are simulated are assigned a zero return code. There are two ways to 'simulate' a job. You can simulate the job now or set the job to simulate in the future.

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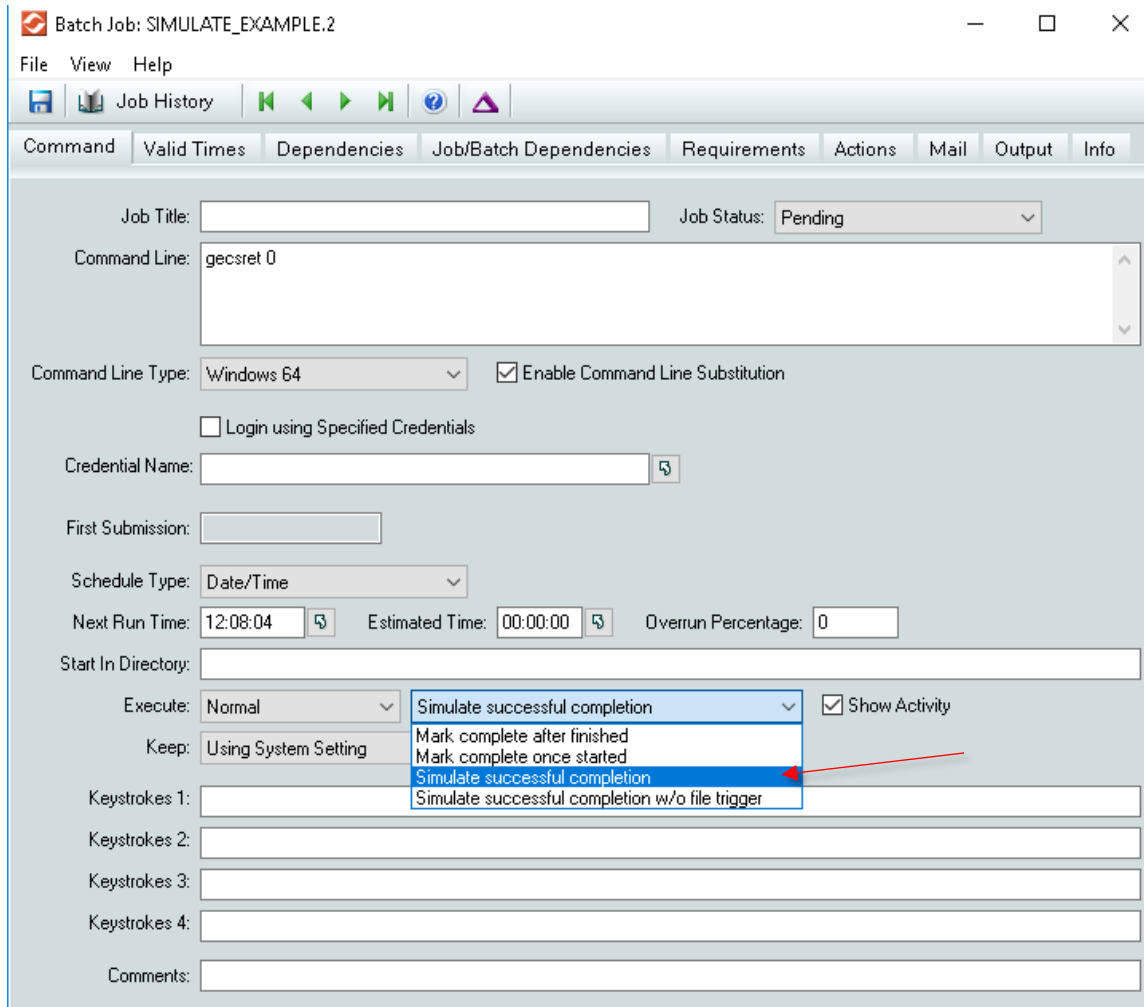
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If you have a future job you want it be simulated, you can mark the job to simulate itself. The job can either be simulated when all the normal requirements are met or when all the requirements except the file dependencies are met.

To manually simulate now, you right click the job and select the “Simulate Now” option.

Event Definition 93 can be configured to notify you that “UserX” did a manual simulate job run on “JobX”.

To simulate in the future, open the Windows Administrator program, Go to the Batches Folder, select your view and edit the Batch job record, command tab, and update the pulldown menu Marked Complete Once Started field. Select one of the simulate options.



Batch Job: SIMULATE_EXAMPLE.2

File View Help

Job History

Command Valid Times Dependencies Job/Batch Dependencies Requirements Actions Mail Output Info

Job Title: Job Status: Pending

Command Line: gecret 0

Command Line Type: Windows 64 ☒ Enable Command Line Substitution

☐ Login using Specified Credentials

Credential Name:

First Submission:

Schedule Type: Date/Time

Next Run Time: 12:08:04 Estimated Time: 00:00:00 Overrun Percentage: 0

Start In Directory:

Execute: Normal ☒ Show Activity

Keep: Using System Setting

Keystrokes 1:

Keystrokes 2:

Keystrokes 3:

Keystrokes 4:

Comments:

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Your Batch Job Detail Options are:

Simulate Successful Completion - Once dependencies are met, the job command line will not actually run but will look like it ran successfully through GECS.

Simulate Successful Completion Without File Trigger - Job command line will not actually run but will look like it ran successfully through GECS and ignore any Trigger file dependencies that may exist for the job.