



Batch Job Scheduling

Key Features

- ◆ Centralised control over network-wide job scheduling
- ◆ Flexible scheduling including inter-task dependencies
- ◆ Multiple job queues
- ◆ Automatic job submission using calendars
- ◆ Error detection and notification
- ◆ Separate security capability for job submission, management and maintenance
- ◆ Audit logging of all jobs

Overview

task3G automates job scheduling and manages production control on UNIX, Linux and Windows servers.

It is designed for use by IT operations staff responsible for centralised management of job scheduling across UNIX, Linux and Windows networks.

task3G builds upon the standard UNIX batch facilities to deliver network wide job control with inter-task dependencies.

task3G provides a flexible mechanism for controlling and managing job flow. A task can wait, or conditionally execute based upon the outcome of another task, the availability of resources or any Boolean combination of the above.

Complex networks of tasks may be setup and run unattended. Tasks can run locally or remotely and as any UNIX user. Post-conditions can conditionally execute based on the success or otherwise of a task. They can be configured to notify users or handle errors, including recovery actions.

task3G allows administrators to define multiple job queues with each queue having an associated priority and (on most UNIX systems) a maximum number of concurrent jobs. Jobs can be nested to an arbitrary depth.

task3G scheduling features include:

- ◆ Manual scheduling for execution any time within the next 7 days
- ◆ Automatic scheduling from "every 10 minutes" to "once per year"
- ◆ Arbitrary date lists for inclusion or exclusion from a schedule
- ◆ Scheduling based upon a user written program or script.

Job Control

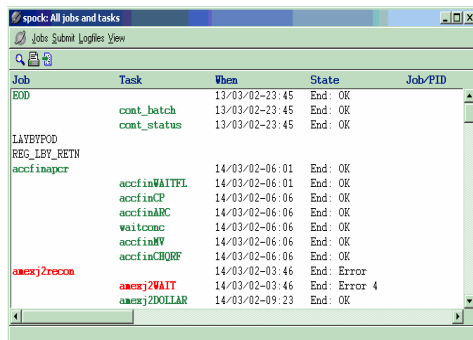
Access to functions within **task3G** is determined by an operator's security capabilities. Operators may only access jobs that belong to one of their assigned task groups.

task3G incorporates multi-level access capabilities to ensure centralised management control with delegated operations responsibility.

task3G users can:

- ◆ Monitor the status of jobs
- ◆ Hold and release active jobs
- ◆ Cancel jobs
- ◆ Monitor output of running jobs
- ◆ Display and print output of a job from a previous run
- ◆ Submit a job to run immediately or at a certain time
- ◆ Schedule a job changing any of the job parameters such as queue, execution time or priority
- ◆ Set parameters to be passed to the job.
- ◆ Manually assist jobs where tasks have failed to meet a predefined dependency
- ◆ Manage all attributes of queues, jobs and tasks

task3G is ideal for organizations that want to avoid cost and complexity or need to integrate ad hoc scheduling solutions into a secure, auditable and fully supported environment.



Job	Task	When	State	Job/PID
BOD	cont_batch	13/03/02-23:45	End: OK	
	cont_status	13/03/02-23:45	End: OK	
LAYERPOD				
RBS_LEV_RETIN				
accfinapcr	accfinWAITFL	14/03/02-06:01	End: OK	
	accfinCP	14/03/02-06:06	End: OK	
	accfinARC	14/03/02-06:06	End: OK	
	waitconc	14/03/02-06:06	End: OK	
	accfinMV	14/03/02-06:06	End: OK	
	accfinCHORF	14/03/02-06:06	End: OK	
amesj2recon	amesj2WAIT	14/03/02-03:46	End: Error	
	amesj2DOLLAR	14/03/02-09:23	End: OK	

Australia

Functional Software Pty Ltd
Australian Technology Park
Garden Street
Eveleigh, NSW 1430
Australia
Phone: +61 2 9209 4362
Fax: +61 2 9310 7561

Malaysia

System Management Services Sdn Bhd
Suite 327, Block A, Level 3, Kelana Centre Point
No. 3, Jalan SS 7/19,
Kelana Jaya, 47301
Petaling Jaya Malaysia
Phone: +60 3 7804 0288
Fax: +60 3 7804 0200

Internet

www.fs.com.au
www.smssb.com
inform@fs.com.au