

Introducing Star Command Center 3.0

Based upon user feedback, the Star Command Center Client has improved usability, enhanced audit tracking, and an additional interface to handshake with 3rd party IT-based schedulers and enterprise management systems. The screenshots below, combined with short descriptions, help to illustrate the new capabilities found in Star Command Center 3.0.

- Tabbed/Multiple document view, enabling multiple automation objects to be viewed and edited at the same time.

Example #1: In tabbed view mode:

Ecosystem	Process	Environment	Status	Started	Completed	User	Last successful run	Next run
build	cmd.exe /C dir	Default	Completed	2/25/11 06:17:00 PM	2/25/11 06:17:00 PM		2/25/11 06:17:00 PM	2/28/11 05:34:00 PM
Test	Editor - Goto	Default	Never run					Not scheduled
Test	First task fails	Default	Failed	2/25/11 05:27:43 PM	2/25/11 05:27:44 PM	DEFAULT		Not scheduled
Test	GotoOnTaskFail...	Default	Completed	2/25/11 05:27:55 PM	2/25/11 05:28:01 PM	DEFAULT	2/25/11 05:27:55 PM	Not scheduled
Test	No Vars	Default	Completed	2/25/11 05:27:13 PM	2/25/11 05:27:14 PM	DEFAULT	2/25/11 05:27:13 PM	Not scheduled
Test	Pause On Task...	Default	Paused	2/25/11 05:23:42 PM	2/25/11 05:23:47 PM	DEFAULT		Not scheduled
Test	RetryOnTaskFail...	Default	Completed	2/25/11 05:23:18 PM	2/25/11 05:23:29 PM	DEFAULT	2/25/11 05:23:18 PM	Not scheduled
Test	RunNotepad	Default	Never run					Not scheduled
Test	Second task fails	Default	Failed	2/25/11 05:23:54 PM	2/25/11 05:23:56 PM	DEFAULT		Not scheduled
Test	Vars	Default	Completed	2/25/11 05:24:16 PM	2/25/11 05:24:17 PM	DEFAULT	2/25/11 05:24:16 PM	Not scheduled

Example #2: In document view mode:

Ecosystem	Process	Environment	Status	Started	Completed	User	Last successful run	Next run
build	cmd.exe /C dir	Default	Completed	2/25/11 06:17:00 PM	2/25/11 06:17:00 PM		2/25/11 06:17:00 PM	2/28/11 05:34:00 PM
Test	Editor - Goto	Default	Never run					Not scheduled
Test	First task fails	Default	Failed	2/25/11 05:27:43 PM	2/25/11 05:27:44 PM	DEFAULT		Not scheduled
Test	GotoOnTaskFail...	Default	Completed	2/25/11 05:27:55 PM	2/25/11 05:28:01 PM	DEFAULT	2/25/11 05:27:55 PM	Not scheduled
Test	No Vars	Default	Completed	2/25/11 05:27:13 PM	2/25/11 05:27:14 PM	DEFAULT	2/25/11 05:27:13 PM	Not scheduled
Test	Pause On Task...	Default	Paused	2/25/11 05:23:42 PM	2/25/11 05:23:47 PM	DEFAULT		Not scheduled

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- The Process Overview view uses filters instead of drill down navigation.

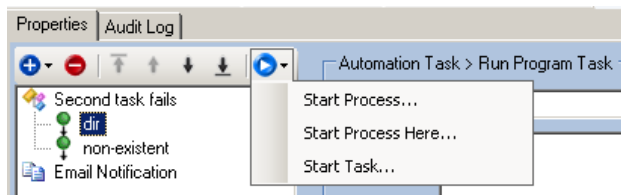
The screenshot shows the 'Process Overview' window with three filter sections: 'Process filter' (Ecosystem, Environment, Process), 'Status filter' (Running, Paused, Cancelled, Never run, Succeeded, Failed), and 'Run filter' (Scheduled, Not scheduled). Below the filters is a table with the following data:

	Ecosystem	Process	Environment	Status	Started	Completed	User	Last successful run	Next run
✓	build	cmd.exe /C dir	Default	Completed	2/25/11 06:17:00 PM	2/25/11 06:17:00 PM		2/25/11 06:17:00 PM	2/28/11 05:34:00 PM
○	Test	Editor - Goto	Default	Never run					Not scheduled
!	Test	First task fails	Default	Failed	2/25/11 05:27:43 PM	2/25/11 05:27:44 PM	DEFAULT		Not scheduled

- It is now possible to edit a process from the **Run View** with a single click, thereby allowing an iterative approach to automation setup.



- Is it now possible to run a process directly from the **Setup and Design View**. This allows a user to run the complete process, to run a single task, or to do a partial run starting from a task.



- The system of Task Plugins has been vastly improved, and it can now be managed directly from the Star Command Center client. Task Plugins are used to add new Computing Resources and Task Types to the system.

The screenshot shows the 'Star Command Center' window with the 'Manage plugin tasks' tab selected. It displays a table of installed task plugins:

Name	Description	Version	Load date
Oracle HFM		1.0	2/28/2011 1:27:26 PM
Sample Resource		1.0	2/28/2011 1:27:48 PM

Buttons at the bottom include 'Download from Star', 'Load file', 'Unload', and 'Close'.

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- An Audit trail is now available for all objects. The audit trail answers the question of who did what and when they did it, which is especially important when managing automation.

Date modified	Version	Action	User	Description
2/25/2011 5:19:29 PM	2	Save	DEFAULT	Save of version 1.
2/25/2011 5:19:19 PM	1	Create	DEFAULT	Created.

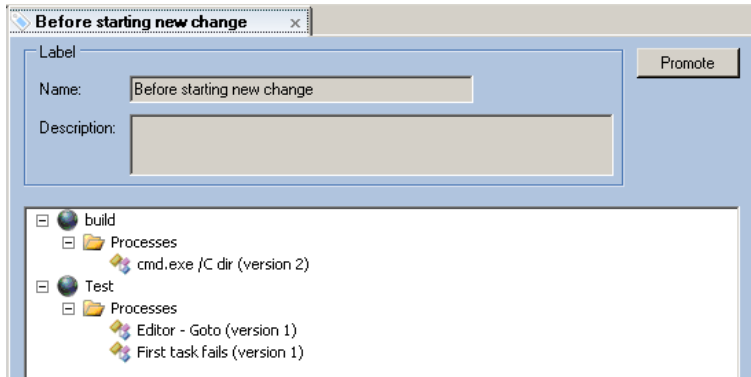
For processes and file resources, old versions of a file resource can be promoted to become current versions, thereby providing the ability to restore from a previous state. Combined with the new labeling system in 3.0, a baseline of processes and file resources can be created. This can be restored in a single operation, thereby becoming the new baseline version.

- The Star Command Center Server audit log now can be filtered.

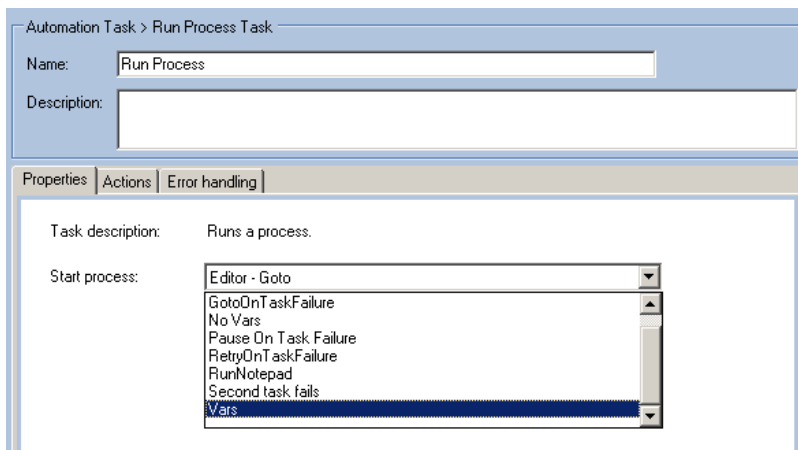
Date modified	Type	Name	Version	Action	User	Description
2/25/2011 5:22:44 PM	File Resource	Test: DoDir.bat	1	Create	DEFAULT	Import of a on 2/25/2011 5:22:
2/25/2011 5:22:44 PM	Folder	Test: /FileResource	1	Create	DEFAULT	
2/25/2011 5:22:44 PM	Ecosystem	Test	1	Save	DEFAULT	Import of a on 2/25/2011 5:22:
2/25/2011 5:19:36 PM	Process Run	build: cmd.exe /C dir: Default	1	Start	DEFAULT	
2/25/2011 5:19:29 PM	Process	build: cmd.exe /C dir	2	Save	DEFAULT	Save of version 1.
2/25/2011 5:19:19 PM	Process	build: cmd.exe /C dir	1	Create	DEFAULT	Created.
2/25/2011 5:18:30 PM	Ecosystem	build	2	Create	DEFAULT	
2/25/2011 5:17:17 PM	Agent	localhost	1	Create	DEFAULT	
2/25/2011 4:38:02 PM	User	SccWEB	1	Create	SccWEB	
2/25/2011 4:38:01 PM	Role	Administrator	1	Create	DEFAULT	
2/25/2011 4:38:01 PM	User	DEFAULT	1	Create	DEFAULT	

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- As noted earlier, a new Label object has been introduced with Star Command Center 3.0. A label can be created with a set of specific process and file resource versions, which later can be used to restore in a single operation. During an Ecosystem Export operation, Star Command Center automatically labels the automation repository before doing an import, easily allowing the import to be undone.



- A new Run Process task type has been introduced. This task type allows an automation process to be started as a subroutine.



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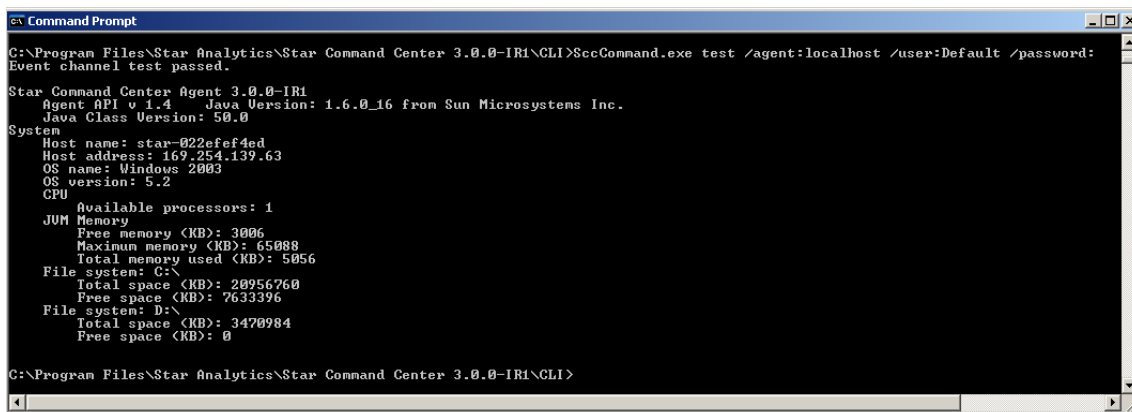
Functional changes

- Improved scheduling: It is now possible to schedule a process to run at 2pm on Wednesdays and at 3pm on Thursdays.
- Improved process and ecosystem variable usage: Previously, a variable was expanded once and did not allow for nested variable references. With this enhancement, variables behave like this
 - VAR_A = Command
 - VAR_B = Star \$(VAR_A) CenterIn turn, \$(VAR_B) will expand to "Star Command Center"
- Import/Export now allows ecosystem import using a different name. This enhancement allows making a copy of an ecosystem on the same server.
- Agents can now process tasks from multiple servers simultaneously. With a setup that includes multiple Star Command Center servers which utilize a common remote agents, the agents can now execute tasks from each server.

Command Line Client

With the release of Star Command Center 3.0, a command line client has been added as an additional licensed feature. The command line provides the following capabilities:

- Start/stop/pause a Star Command Center processes
- Query the state of a running process (not started, running, paused, warning, error, complete)
- Query process statistics (run time, last run, number of runs, run by user)
- Test connectivity to a Star Command Center agent
- Export one or more ecosystems



```
c:\ Command Prompt
C:\Program Files\Star Analytics\Star Command Center 3.0.0-IRI\CLI>SccCommand.exe test /agent:localhost /user:Default /password:
Event channel test passed.
Star Command Center Agent 3.0.0-IRI
Agent API v 1.4   Java Version: 1.6.0_16 from Sun Microsystems Inc.
Java Class Version: 50.0
System
Host name: star-022efef4ed
Host address: 169.254.139.63
OS name: Windows 2003
OS version: 5.2
CPU
  Available processors: 1
JVM Memory
  Free memory (KB): 3006
  Maximum memory (KB): 65088
  Total memory used (KB): 5056
File system: C:\
  Total space (KB): 20956760
  Free space (KB): 7633396
File system: D:\
  Total space (KB): 3470984
  Free space (KB): 0
C:\Program Files\Star Analytics\Star Command Center 3.0.0-IRI\CLI>
```

The Command Line Client complements the existing Event Listener interface and the Web Service interface. It enables Star Command Center to be part of a larger automation ecosystem traditionally made up of IT-based scheduling and enterprise management tools such as CA AutoSys, IBM Tivoli Workload Scheduler, BMC Control M, UC4, ActiveBatch and HP OpenView.