

# Windows Client

**The EnterpriseSCHEDULE for Windows interface features an assortment of valuable modules that makes working in the job scheduling environment faster and easier than ever before. From the familiar Explorer view to the powerful Job Layout window, it was designed to make scheduling jobs a breeze.**



# Introduction

The EnterpriseSCHEDULE Windows Client is a powerful centralized interface for the control, administration and monitoring of jobs on a wide variety of platforms. It can connect to EnterpriseSCHEDULE servers on:

- Windows (remote or local)
- OpenVMS
- HP-UX
- Sun
- AIX
- Linux
- Tru64 UNIX

In fact it's so powerful, you can connect to any combinations of these servers from a single interface at the same time.



# Windows Client

**Server connection**

Primary Server

Please enter below the node name or address of the primary Schedule Server you want to connect to.

Enter a descriptive name. It is usually the same as the network address. All displays use this name.

Descriptive name:

The network address is the name that your network uses for this server. Either a name or an IP address.

Network address:

Group Number

Enter the server's group number below. This is usually left as a zero "0".

Group Number:

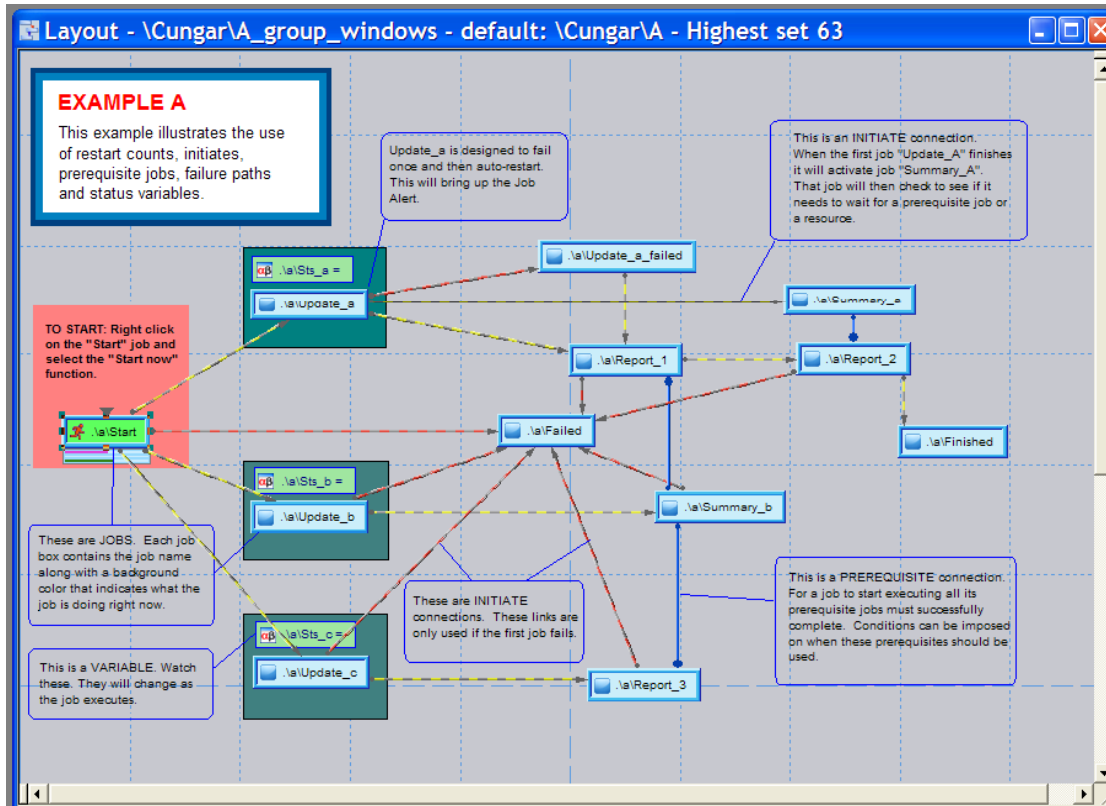
OK Cancel

## Logging In

When you want to work with EnterpriseSCHEDULE you may connect to any server node that's running the server software. This connects you to the Primary Server. You can connect to and work with additional secondary servers in your network in the same session as long as they are running as the same group number.



# MODULES – Job Layout



Jobs can be created in the layout, their properties modified and updated, submitted for execution or stopped and restarted if necessary. Job dependencies (the connections between jobs) can be created, modified and updated.





# MODULES – Job Monitor

The screenshot displays the 'Monitor Console' window. On the left, there is a control panel with a list of job states (A through S) and their counts. The main area is a table with columns for 'Job', 'State', and 'Progress'. Below this is a detailed log of events with columns for 'Time', 'Job', and 'Event'.

Job	State	Progress
\\Cunqar\A\Finished (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Report 1 (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Report 2 (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Report 3 (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Start (1000000)	P Recently finished	Completed February 11, 2002, 8:5
\\Cunqar\A\Summary a (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Summary b (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Update a (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Update b (1000000)	P Recently finished	Completed February 11, 2002, 9:0
\\Cunqar\A\Update c (1000000)	P Recently finished	Completed February 11, 2002, 9:0

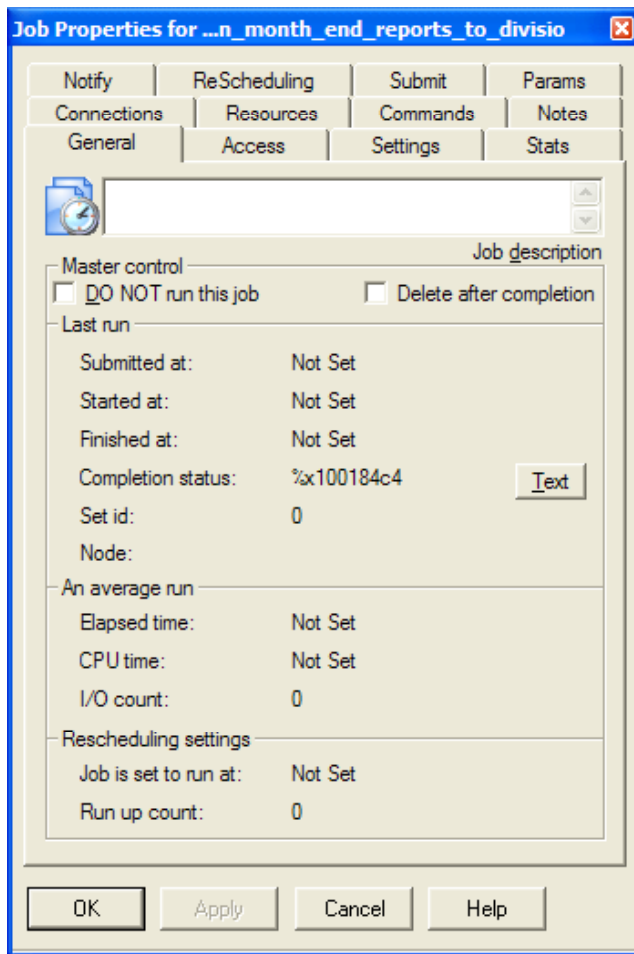
  

Time	Job	Event
February 11, 2002, 9:00:00	\\Cunqar\A\Report 1 (1000000)	E Wait for local jobs
February 11, 2002, 9:00:00	\\Cunqar\A\Update a (1000000)	P Recently finished
February 11, 2002, 9:00:01	\\Cunqar\A\Report 1 (1000000)	H Waiting for resources
February 11, 2002, 9:00:01	\\Cunqar\A\Report 1 (1000000)	I Waiting for disk space
February 11, 2002, 9:00:01	\\Cunqar\A\Report 1 (1000000)	J Ready to execute
February 11, 2002, 9:00:01	\\Cunqar\A\Report 1 (1000000)	K Job created
February 11, 2002, 9:00:01	\\Cunqar\A\Summary a (1000000)	D Given set number
February 11, 2002, 9:00:01	\\Cunqar\A\Summary a (1000000)	E Wait for local jobs
February 11, 2002, 9:00:01	\\Cunqar\A\Summary a (1000000)	H Waiting for resources
February 11, 2002, 9:00:02	\\Cunqar\A\Report 1 (1000000)	L Job started
February 11, 2002, 9:01:22	\\Cunqar\A\Report 1 (1000000)	M Job finished
February 11, 2002, 9:01:22	\\Cunqar\A\Report 1 (1000000)	P Recently finished
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	D Given set number
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	E Wait for local jobs
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	H Waiting for resources
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	I Waiting for disk space
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	J Ready to execute
February 11, 2002, 9:01:23	\\Cunqar\A\Report 2 (1000000)	K Job created
February 11, 2002, 9:01:24	\\Cunqar\A\Report 2 (1000000)	L Job started
February 11, 2002, 9:01:26	\\Cunqar\A\Update b (1000000)	M Job finished
February 11, 2002, 9:01:27	\\Cunqar\A\Summary b (1000000)	D Given set number
February 11, 2002, 9:01:27	\\Cunqar\A\Update b (1000000)	P Recently finished
February 11, 2002, 9:01:27	\\Cunqar\A\Update c (1000000)	M Job finished
February 11, 2002, 9:01:28	\\Cunqar\A\Report 3 (1000000)	D Given set number

Monitoring job activity has never been easier or more informative. Job Activity can be monitored from a variety of levels within the monitor window. As jobs progress through their critical states, the **Job monitor** window shows you the state of that particular job, how many resources that are being consumed and whether the job is experiencing delays, holds or failures.



# Job Properties



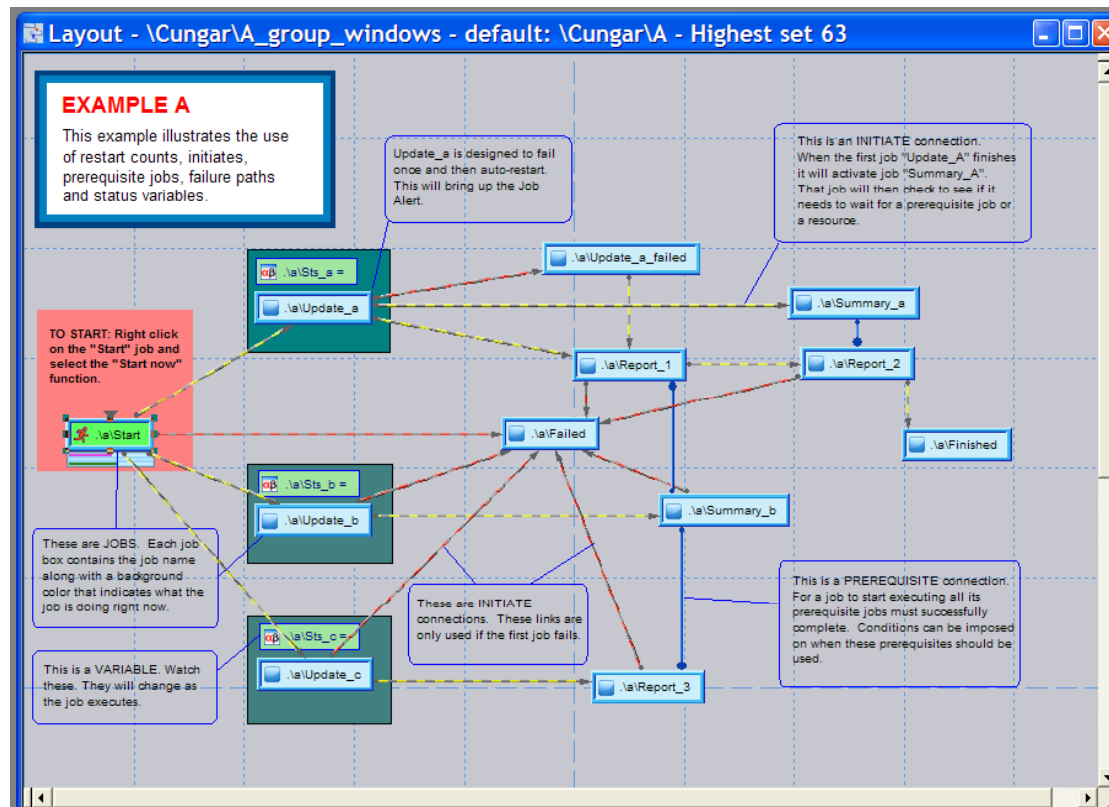
## Job Properties Include

- Rescheduling method
- Batch commands
- Notification settings
- Runtime statistics
- Variable resources
- Submission settings
- Parameters
- Job interdependencies
- History data



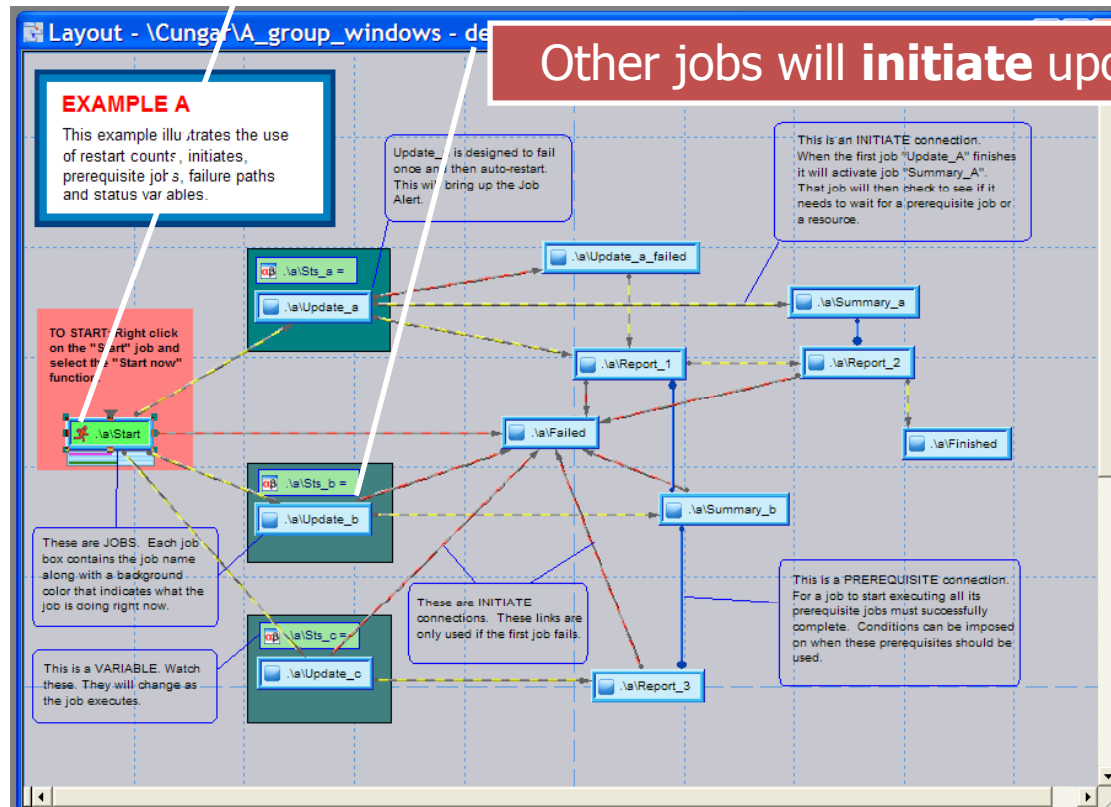
# Job Stream

Initial Layout State before submission shows last completions



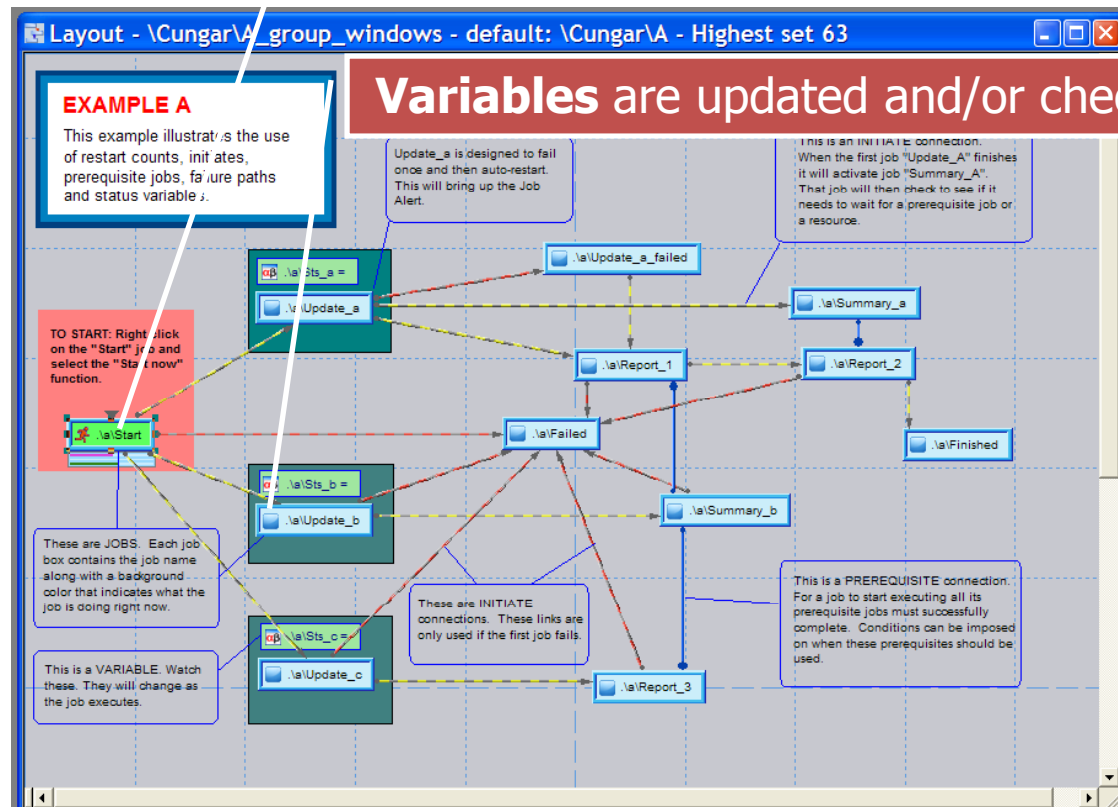
# Job Stream

Icon and color changes indicate **state changes**



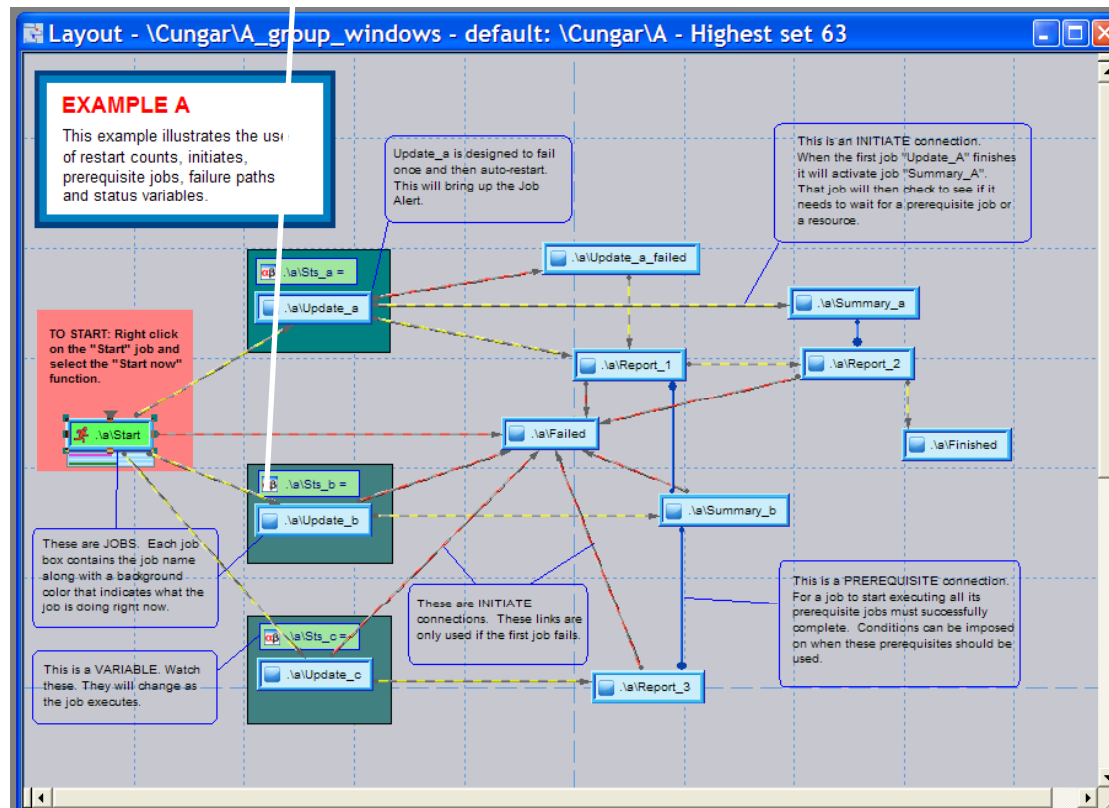
# Job Stream

First job completes and three others initiate



# Job Stream

Job flow continues through subsequent jobs



# Job Stream

Monitor tracks vital state changes from submission to completion

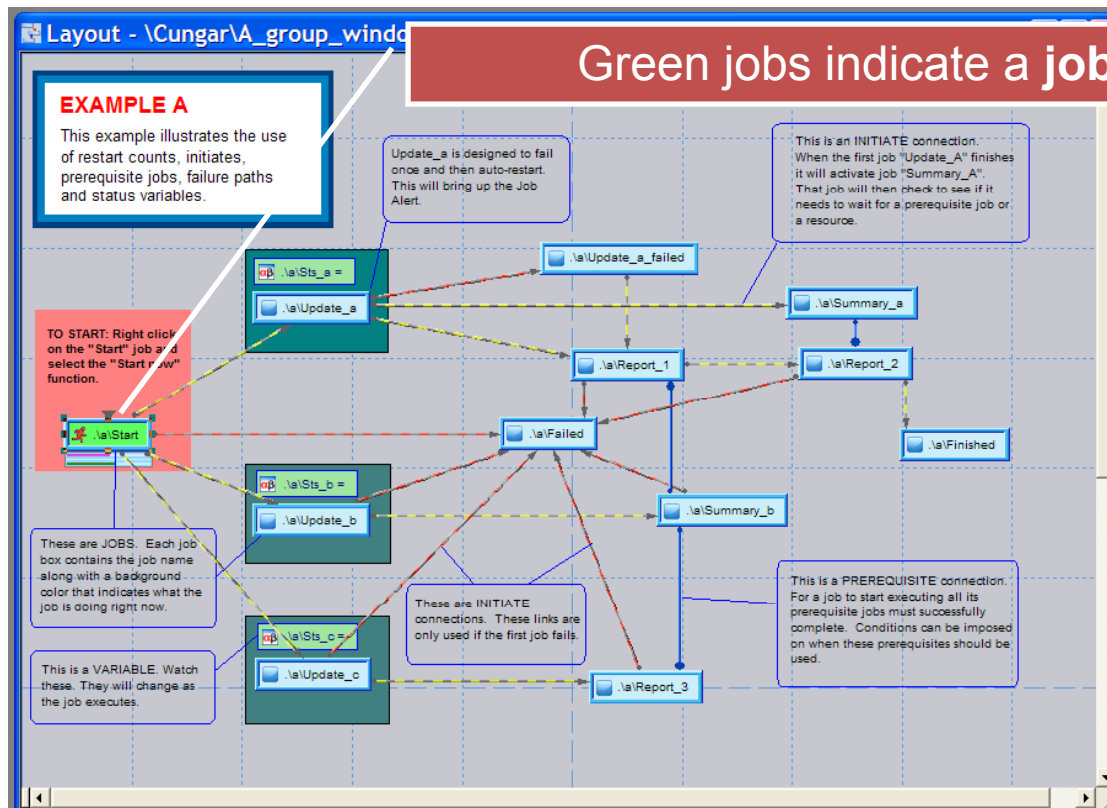
The screenshot displays the Monitor Console interface. On the left, a 'Monitor Console' sidebar shows a list of states with their respective counts: A Next start (0), B Wait for start (7), C Assign set number (0), D Workgroup manager (0), E Wait for local jobs (1), F Request remote status (0), G Wait for remote jobs (0), H Waiting for resources (0), I Waiting for disk space (0), J Ready to execute (0), K Job created (0), L Job started (0), M Job finished (0), N Initiate local jobs (0), O Initiate remote jobs (0), P Recently finished (19), Q Event signals (0), R Job completions (0), and S Remote requests (0). Below this is a 'Filters' section with input fields for Users, Nodes, Folders, and Set identifiers, and a 'Select Events' button.

The main window is titled 'Current job states' and contains a table with columns for Job, State, and Progress. The table lists various jobs such as '\Cunqar\A\Finished [53]', '\Cunqar\A\Report 1 [53]', and '\Cunqar\A\Update a [53]', with their states (e.g., 'Recently finished', 'Wait for local jobs') and completion times.

Below the job states table is a 'Server events received' section with a table containing columns for Time, Job, and Event. This section provides a detailed log of events, such as 'J Ready to execute', 'K Job created', 'L Job started', and 'M Job finished', along with specific job identifiers and completion times.

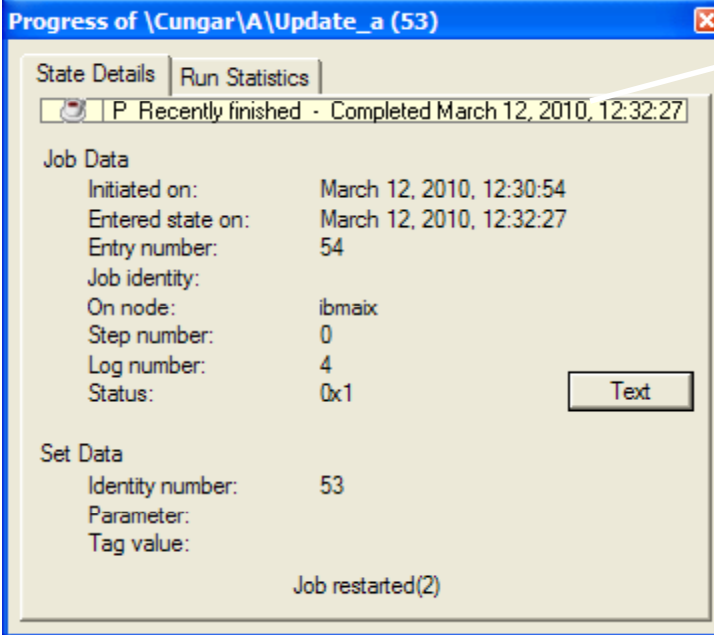


# Job Stream



# Job Stream

Detailed current state information available



The screenshot shows a window titled "Progress of \Cungar\A\Update\_a (53)". It has two tabs: "State Details" (selected) and "Run Statistics". Below the tabs is a status bar with a red stop icon and the text "P Recently finished - Completed March 12, 2010, 12:32:27".

**Job Data**

Initiated on:	March 12, 2010, 12:30:54
Entered state on:	March 12, 2010, 12:32:27
Entry number:	54
Job identity:	
On node:	ibmaix
Step number:	0
Log number:	4
Status:	0x1

**Set Data**

Identity number:	53
Parameter:	
Tag value:	

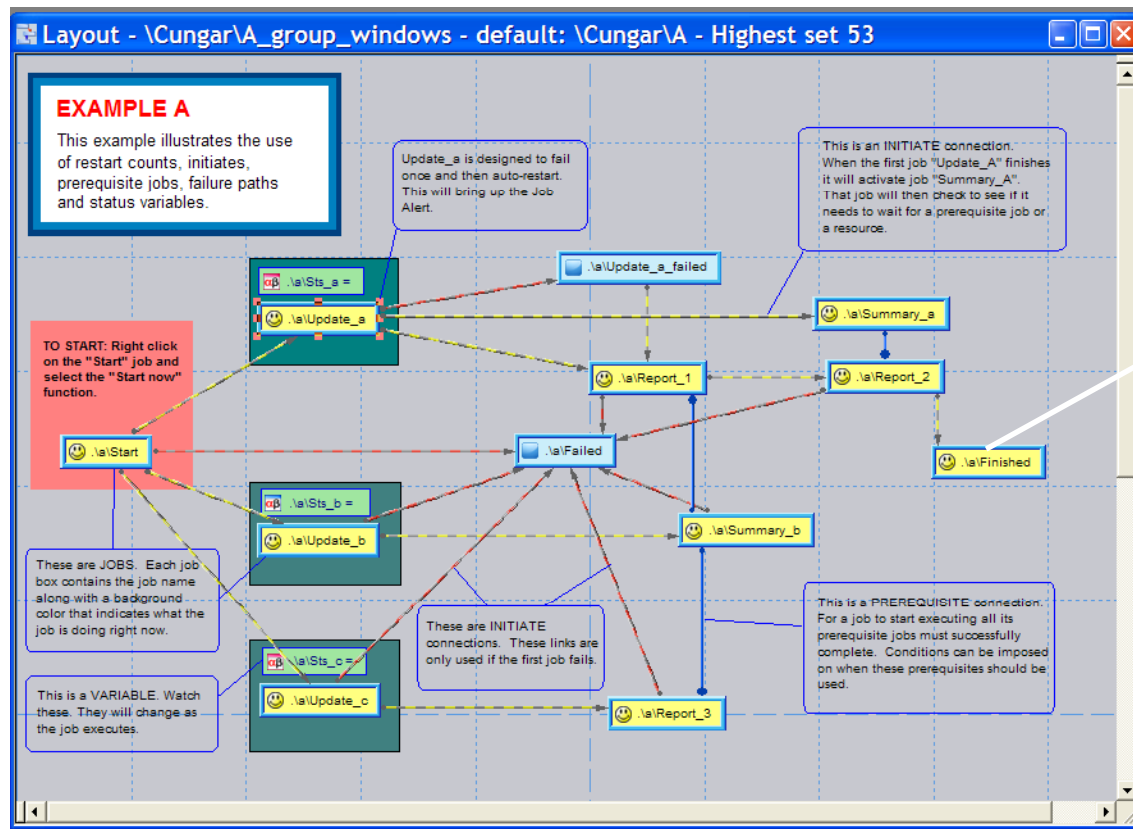
Job restarted(2)

Text



# Job Stream

Stream is complete. Log files and monitor document all activity



# EnterpriseSCHEDULE

This presentation discusses only a small segment of the many features of **EnterpriseSCHEDULE**. If you want to learn more or have a specific question contact us by e-mail or phone so we can discuss your needs

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