

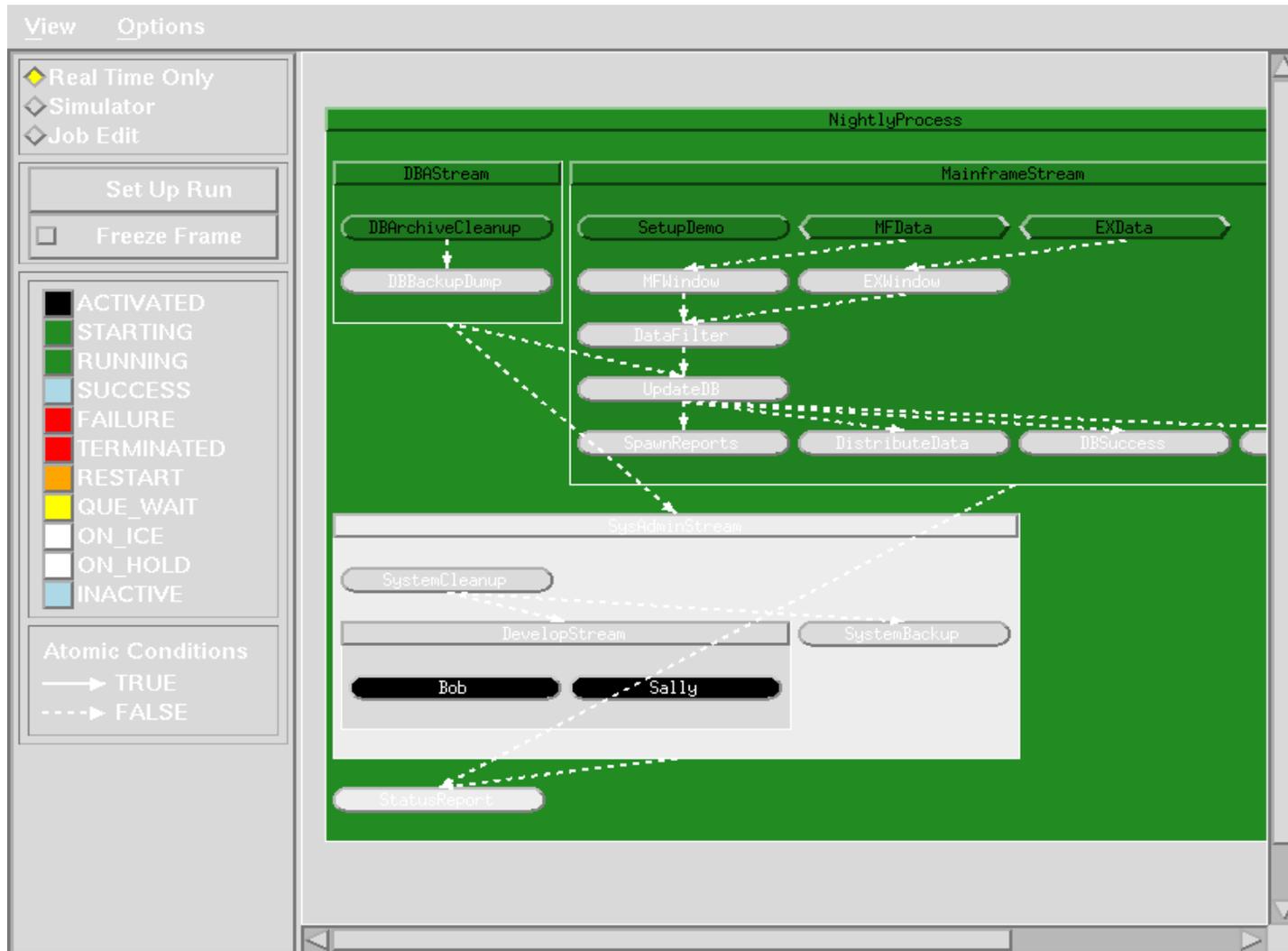
Scenario: Anomalous Job 1

Subsystems involved: DPS, DSS, MSS

Background: Production job which normally runs about 2 hours and produces 3 files, each around 40Mbytes, has run for more than 3 hours with files that are twice normal size

Timeframe	Operator	ECS
-	Production Monitor alerted to the abnormal behavior of the production job.	Processing subsystem provides displays of ongoing processing.
< few minutes	Production Monitor investigates other job characteristic (e.g., size of input files) for potential source of problem.	System displays of job characteristics.
within 1/2 hr	Production Monitor contacts instrument team (IT) and discusses situation.	

Job Monitoring View



Scenario: Anomalous Job 1 (cont.)

Timeframe	Operator	ECS
within 1 hr	<p>Decision made to kill job, IT will retrieve log files and other output for analysis.</p> <p>Production monitor writes trouble ticket to document problem occurrence.</p>	<p>Processing subsystem provides means to terminate the job. Subscriptions notify IT of data to be retrieved.</p> <p>See Fault Mgmt. presentation.</p>
within a few days	<p>IT determines unusual and transient spacecraft configuration led to algorithm problem for that event. Problem to be corrected within a week and integrated through AIT. Planning to process trouble period may be handled at that time.</p>	<p>Planning supports reprocessing of data intervals</p>