

Use Case: Submission of Analysis Job at an Isolated Site

Identifier	UC # JS1
Goals in Context	Submit and execute an analysis job at a site temporarily isolated from the rest of the D0 Grid/ the FNAL site
Actors	User, Job Submission Service
Triggers	None
Included Use Cases	User specifies a Job, User authenticates to the D0 Grid
Extended Use Cases	None
Pre-conditions	The dataset was defined at the site or was recently processed therein
Post-conditions	The processing information is recorded persistently at least locally, including any data that couldn't be processed
Basic Flow	If the entire dataset is available locally, the processing completes
Devious Flow(s)	If part of the dataset is not available locally, the system retries until the network restores or fails and reports the amount of data unavailable for delivery and processing
Importance and Frequency	Critical for sites with unstable network connectivity Important for all other sites during the time of mission-critical analysis
Additional Requirements	Any output Files are catalogued and stored at least locally