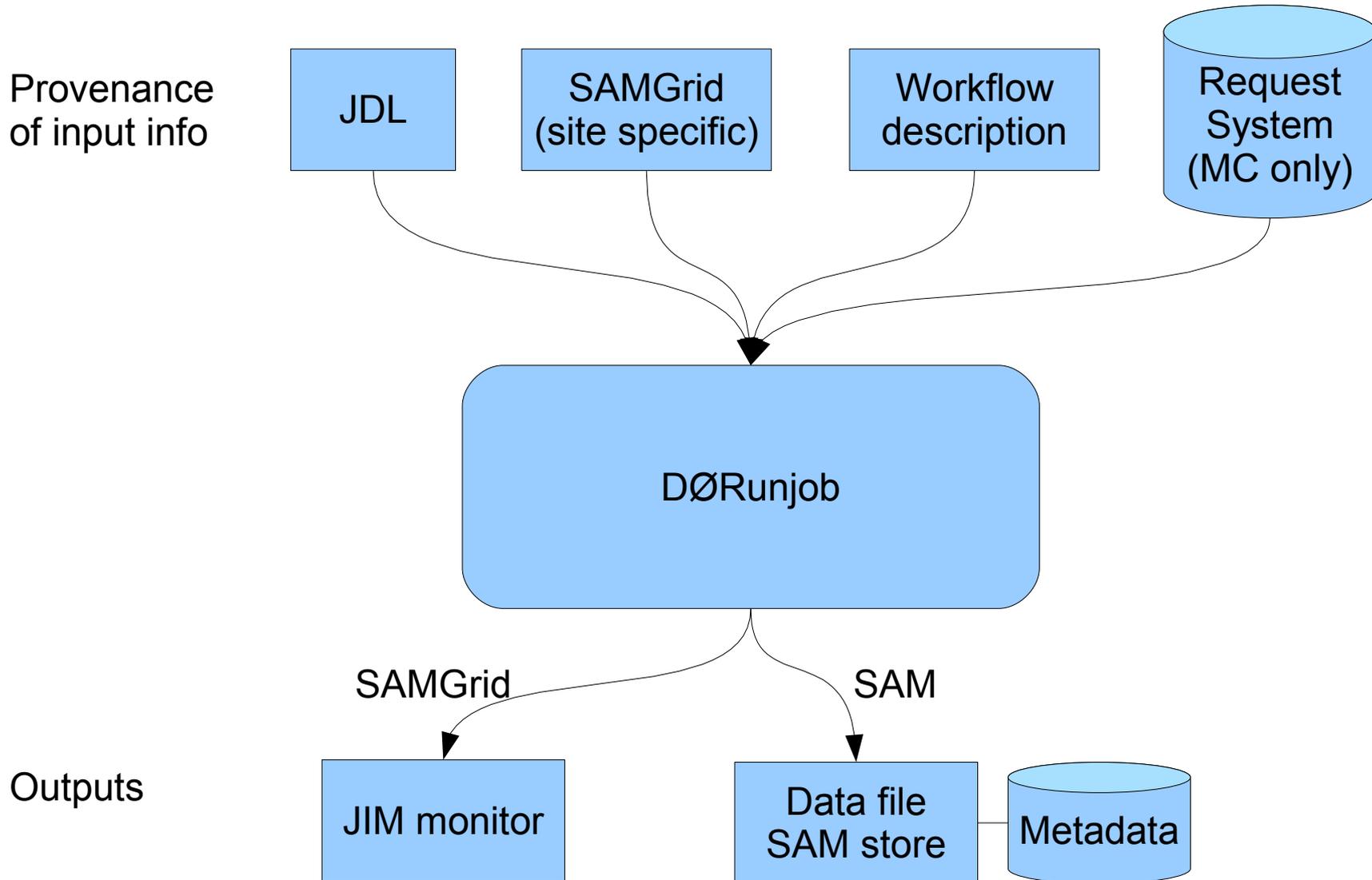


DØRunjob - Part I

Current usage

Peter Love, Lancaster University
11 April 2007
DØ Production workshop

Current production interfaces



SAMGrid-DØRunjob interaction

- SAMGrid jobmanagers located at a SAMGrid headnode start multiple jobs on worker nodes (the job-bomb architecture)
- Jobmanagers are staging input data (cardfile, minbias, etc.)
- On the WN, DØRunjob is called to create and run the computing job using runtime input provided by the jobmanager (local site name, path to cards, minbias, input data, etc.)
- DØRunjob logs progress to JIM Monitor, an XML database
- DØRunjob creates metadata and stores datafiles into SAM