

## JobSub - Milestone #5333

### Incorporate functionality of cdfcaf into JobSub

02/04/2014 09:39 AM - Parag Mhashilkar

<b>Status:</b>	Closed	<b>Start date:</b>	06/23/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	07/30/2014
<b>Assignee:</b>	Parag Mhashilkar	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v1.0	<b>Spent time:</b>	9.00 hours
<b>Stakeholders:</b>	Run2 - CDF		
<b>Description</b>			
Support for CDF CAF is growing thin and the functionality needs to be supported in case some one needs to analyze the CDF data in future. Some of the functionality provided by CDF CAF is same as JobSub. We need to identify the missing functionality and map common functionality to that provided in JobSub. Bo from CDF will help with testing and integration with CDF scripts. Current plan is to port the missing functionality to JobSub and Bo/Joe (?) would modify the the cdf caf submit to can JobSub internally.			
<b>Subtasks:</b>			
Milestone # 6689: Incorporate initial Run II Functionality for v0.4			<b>Closed</b>
Bug # 6562: dropbox:///some_file needs to put servers /path/to/some_file in the transf...			<b>Closed</b>
Feature # 6541: Sending KRBCC to the jobs			<b>Closed</b>
Bug # 6551: Rename --unzipdir option in jobsub_fetchlog to something meaningful			<b>Closed</b>
Bug # 6586: make sure SAM projects work for CDF			<b>Closed</b>
Bug # 6659: add -rfc flag to voms-proxy-init in auth.py			<b>Closed</b>
Bug # 6676: dropbox location and submit location end up on different hosts in DNS round...			<b>Closed</b>
Bug # 6657: need an equivalent of MAX_PARALLEL_SECTIONS for jobsub			<b>Closed</b>
Bug # 6789: Make SAM_DATASET available in the job's environment			<b>Closed</b>

### History

#1 - 03/07/2014 11:41 AM - Parag Mhashilkar

- Due date set to 05/30/2014

Meeting notes from March 07, 2014. Related tasks should be in there own ticket.

Present: Dennis Box, Parag Mhashilkar, Tanya Levshina, Joe Boyd, Mike Kirby, Stephan Lammel

(M) = Mandatory

(P) = Preferred

(N) = Not Required

(\*) = higher in each category

CAFExe:

--tarFile(M): Input to the job. This needs to be extracted before executing the job. Jobsub supports it or can be made to change.

--outLocation(P): Tar ed up output directory. --depot in jobsub? If output is bigger than certain amount then only dirs are shipped back. Need to come back to this one later for implementation details and available info

--procType (M): Is job long or short. We need to support in jobsub

--start, --end, --section (M): This is to user's job and for section and dag generation.

--dhaccess(N): How to handle the data handling.

--maxParallelSection(R): Run upto this dag nodes at a time.

--email(P\*): Email for job notification. Needs to be passed by wrapper

--farm(N): JobSub equivalent --jobsub-server

--group(R): Already there in JobSub

--os: Already supported in JobSub

--cdfsoft: Moot with with cvmfs

--site: Already supported in Jobsub

--donotdrain(N)

command(R)

experiment wrapper : CAFExe or equivalent wrapper provided by JobSub

**#2 - 04/25/2014 09:36 AM - Parag Mhashilkar**

- Parent task set to #6025

**#3 - 04/25/2014 10:07 AM - Parag Mhashilkar**

- Target version changed from v0.3 to v0.3.1

**#4 - 04/30/2014 08:35 AM - Parag Mhashilkar**

- Parent task deleted (#6025)

**#5 - 05/27/2014 03:09 PM - Parag Mhashilkar**

- Target version changed from v0.3.1 to v0.4

**#6 - 07/01/2014 10:23 AM - Parag Mhashilkar**

Pass Kerberos ticket securely	<a href="#">#6541</a>	High Priority
Concurrency limit	<a href="#">#6657</a>	High Priority
experiment wrapper	No Ticket. CAFExe or equivalent wrapper provided by JobSub	High Priority
--tarFile(M)	<a href="#">#6523</a>	Done
--outLocation(P)	<a href="#">#6551</a>	Done
--procType (M)	No ticket -- Not required	Very low priority
--start, --end, --section (M)	<a href="#">#6697</a>	Low priority
--maxParallelSection(M)	<a href="#">#6657</a>	This is required when we start supporting DAGs
--email(P*)	<a href="#">#6697</a>	Low Priority

**#7 - 07/28/2014 10:36 AM - Parag Mhashilkar**

- Target version changed from v0.4 to v1.0

**#8 - 09/10/2014 10:23 PM - Parag Mhashilkar**

- Status changed from New to Closed