

# PDAC Meeting 2016-10-21

## Date

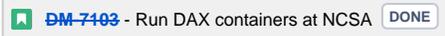
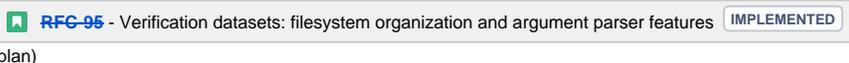
21 Oct 2016

## Attendees

- [Gregory Dubois-Felsmann](#)
- [Fritz Mueller](#)
- [Trey Roby](#)
- [Unknown User \(jalt\)](#)
- [Greg Daues](#)
- [Igor Gaponenko](#)
- [Brian Van Klaveren](#)
- [John Gates](#)
- [Fabio Hernandez](#)

## Goals

## Discussion items

Time	Item	Who	Notes
	Infrastructure		<ul style="list-style-type: none"><li>• Created <a href="#">PDAC networking and user accounts for developers</a></li><li>• db04 note - concerned about level of vendor support, have escalated, expect IBM to replace motherboard on Monday, bring replacement hardware as well in case board replacement doesn't work</li><li>• <a href="#">Fritz Mueller</a>: should we include a hot spare in the next order? discussion of whether we've reached the point of being able to exercise rapid reconfiguration, no conclusion</li><li>• Need to move meeting to an AM time slot</li><li>• Need to finish work with <a href="#">Gregory Dubois-Felsmann</a> on a JIRA project for PDAC issues</li></ul>
	SLAC		<p>DAX: <a href="#">Brian Van Klaveren</a></p> <ul style="list-style-type: none"><li>• Have DAX components running. Setting up another Docker database with the information for metaserv; have been using lsst10.</li><li>• updating the <a href="#">API</a> page with responses needed by <a href="#">Unknown User (ymei)</a></li><li>• will be able to put dbserve up this afternoon for SUIT group access, will put it on port 5000, will be touching the lsst10 database for an existing (non-Qserv) database, DC_W13_Stripe82<ul style="list-style-type: none"><li>• see <a href="#">#dm-pdac</a> for a sample URL that works</li></ul></li><li>• metaserv will still need more work</li><li>• <a href="#">Unknown User (jalt)</a>: iptables has been set to avoid blocking intra-PDAC access</li><li>• working under </li><li>• metaserv next, then imgserv</li><li>• by end of meeting: dbserve is up!</li></ul> <p>Data: <a href="#">Igor Gaponenko</a></p> <ul style="list-style-type: none"><li>• All images now moved to GPFS, file transfers from IN2P3 complete</li><li>• Still need to finish reorganization of images<ul style="list-style-type: none"><li>• <a href="#">John Gates</a> will do this as part of standing up imgserv, configuring Butler</li><li>• <a href="#">Unknown User (jalt)</a>: organization should follow </li></ul></li><li>• Will now turn to Qserv loading</li><li>• Will need to engage NCSA for performance tuning - <a href="#">Unknown User (speckins)</a></li><li>• Refers to GPFS 10Gbps bandwidth limit</li><li>• Nevertheless, loading should only take a few hours because parallel loading is now working</li><li>• Had to adjust partitioning parameters for the Stripe82 dataset to make the chunks smaller<ul style="list-style-type: none"><li>• Not clear why this is so much worse than in the previous Stripe82 "simulated database" at IN2P3</li></ul></li><li>• Final load is blocked by db04</li><li>• Goal is to have a fully loaded Qserv behind DAX by 31 Oct 2016</li><li>• About a week's worth of work needed on imgserv as well</li></ul>
	IPAC		<ul style="list-style-type: none"><li>• Image file tests have been successful - can handle masks, WCSes<ul style="list-style-type: none"><li>• have put Gaia sources on top of images, everything looks properly aligned</li></ul></li><li>• About to start tests against the catalog data today</li><li>• coverage image</li></ul>

Action items

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