

# IRIS Operations Status

As at the IRIS operations meeting of: Tuesday 9<sup>th</sup> July 2019.

## Progress on Actions (see below)

### Activity Status

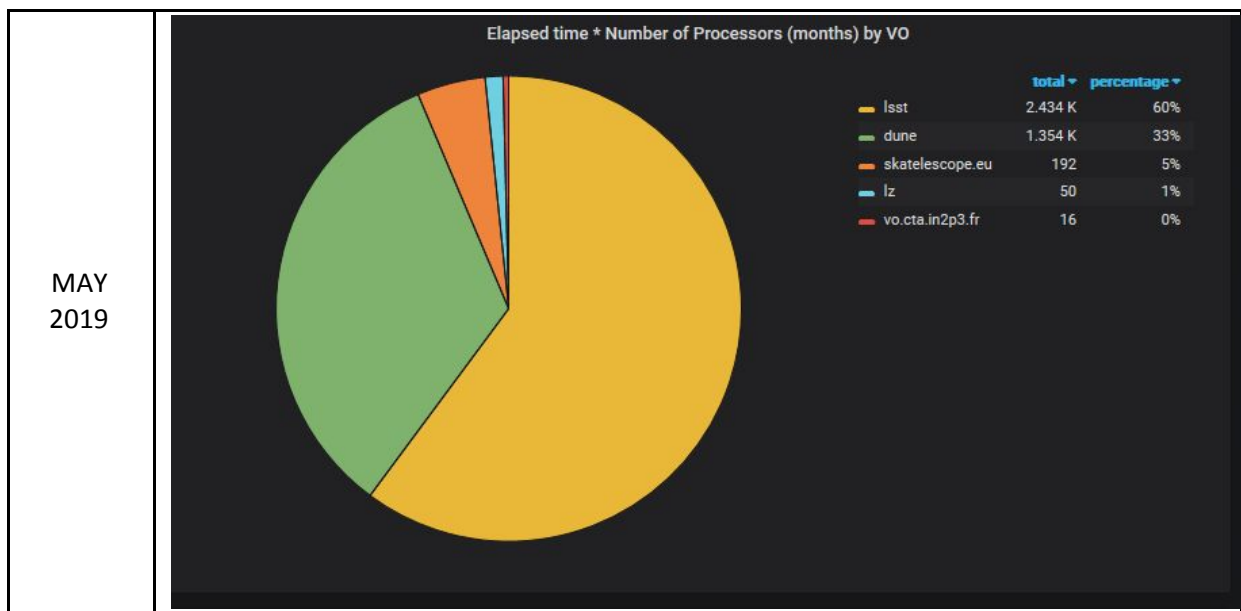
Activity	Status (dd/mm/yy [reported by] text)
EUCLID	<b>25/06/19</b> [Mark] SLURM as a service Up and running at Cambridge and RAL. <b>9/07/19</b> (Mark) Now expanding at RAL. Agreed most details of how to create vacuum-style VMs to run at Manchester. Next step is to connect to VPNs and then start submitting slurm jobs.
Gaia	<b>25/06/19</b> Cambridge talking to Gaia – a development activity to investigate Spark workload <b>9/07/19</b> [AS] JY organised a meeting last Fri with Leicester, Edinburgh and Cambridge; there were discussions about how this development will be handled. This is expected to be reviewed in a couple of weeks time.
LSST	<b>25/06/19</b> Three distinct activities underway. Production work running on GridPP resources is going well (2000 processor months in May and June). LSST also working with Cambridge to deploy SLURM as a service. Jupyter notebook activity at RAL also underway. <b>9/07/19</b> No update
e-MERLIN	<b>9/07/19</b> ( <i>Anthony Holloway</i> ) Wide field imaging tests are underway using 1.4 TB RAM of the 1.5 TB RAM nodes. The Pipeline imaging, automated processing of e-MERLIN data is now in a commissioning phase.
SKA	<b>25/06/19</b> No update but modest usage in May and June on GridPP resources <b>9/07/19</b> No update
ALMA	<b>9/07/19</b> ( <i>Anthony Holloway</i> ) The ATOMIUM project processing is underway and is now getting the larger data sets delivered from the ALMA telescope in Chile.
LZ	<b>25/06/19</b> No update – GridPP workflow <b>9/07/19</b> [DB] Still stuck getting their s/w for their latest MC data challenge. They have IRIS allowance for when DIRAC is working with the cloud again and their s/w is finished.
CTA	<b>25/06/19</b> No update <b>9/07/19</b> [Yates] Julian Osborne has the token to get further help when he is ready to run stuff.
aLIGO	<b>25/06/19</b> Working with Catalin Condurache to recommission Grid for LIGO <b>9/07/19</b> Trying getting it running at RAL, although works elsewhere - jobs go to RAL but then file copy in fails.
DUNE	<b>9/07/19</b> [ <i>Peter Clarke</i> ] Running well. About to begin a second reprocessing which will hopefully saturate available resources.
DLS	<b>25/06/19</b> Contractor actively working for Frank von Delft to build SLURM clusters in OpenStack at RAL (and cambridge?). Also trying to make use of object store.

	<b>9/07/19</b> SLURM work ongoing; having issues with data xfer from a data centre in Iceland Echo storage hasn't progressed. Has tooling for synching object-stores, to be determined whether this can be used with Echo storage.
PANOSC	<b>25/06/19</b> No update <b>9/07/19</b> No update
ISIS	<b>25/06/19</b> iDaaS is in production for ISIS and busy now during data taking run. Using RAL OpenStack <b>9/07/19</b> Appears to be working fine
CLF	<b>25/06/19</b> Talks at fairly early stage <b>9/07/19</b> Nothing to add
CCFE	<b>9/07/19</b> [JY] On Cambridge things are running fine and they are ready for access to their GridPP and SCD allocations. RAL is probably the next one to go for. SdW will talk to SCD and then afterwards to JY and DB about using the other resources.
JINTRAC	<b>9/07/19</b> JY to talk to Florian

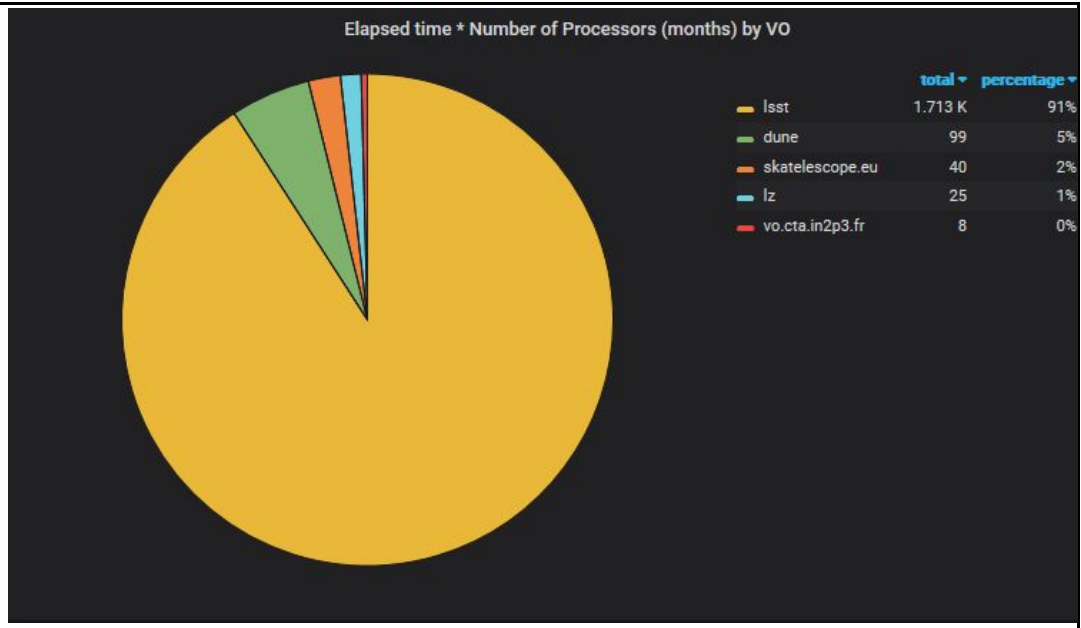
## Usage

Adrian Coveney advised that accounting was being manually updated monthly at present.

Grid only accounting at present



JUNE  
2019



## Infrastructure Status

Andrew McNab described current setup of ticket triage system.

We should also pick up here any operational issues with major IRIS components

RUCIO	
DIRAC	
???	

## Open Tickets

Latest on tickets

[GGUS Link for iris.ac.uk VO](#)

## Actions

MM.YY.##	Who	What
07.19.01	AS	Chase up at RAL end why LIGO file transfer-in is an issue
07.19.02	SdW	To talk to SCD about making use of their resources.
07.19.03	AS	To chase up DLS concerns regarding having difficulties using the RAL Echo service
07.19.04	AC	To report back to IRIS-TWG Operations on feasibility of providing APEL accounting data in time for October (24th/25th) Science Board. <i>[note subsequent to meeting need for accounting in good time for EB on 12th June]</i>
07.19.05	AS/AC	Andrew and Adrian to discuss update frequency of APEL stats