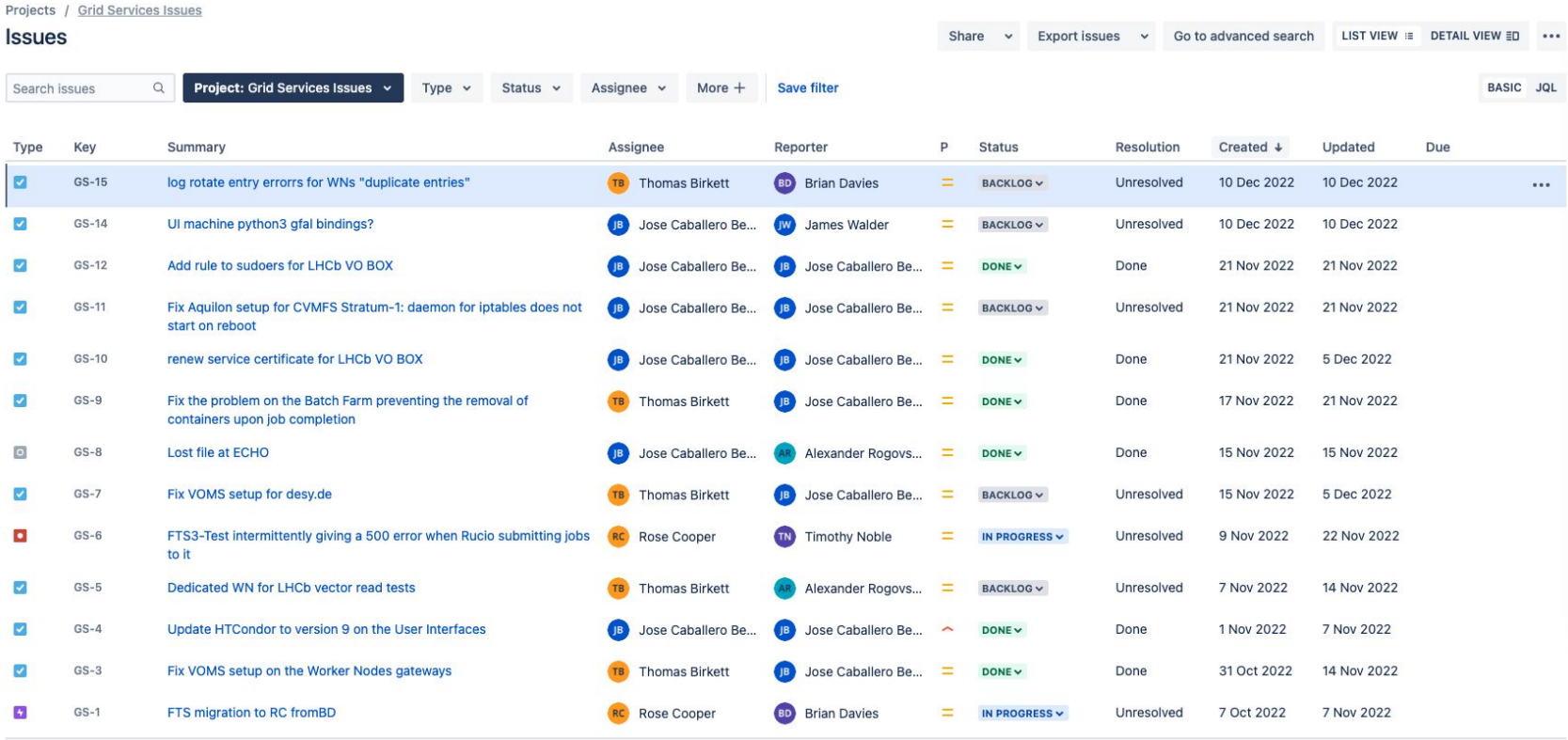
Migration to Atlassian: feedback from GST

Systems Division F2F
December, 2022

Migration from RT to JIRA

- GST has already started the process. For a while, working on both RT and JIRA at the same time.
  - It is a Software Project, not a Service Managment Project.
  - We are not using (yet) all the options and features available. Learning process.
    - Sorting by Priority may be helpful.

Migration from RT to JIRA



Projects / Grid Services Issues

Issues

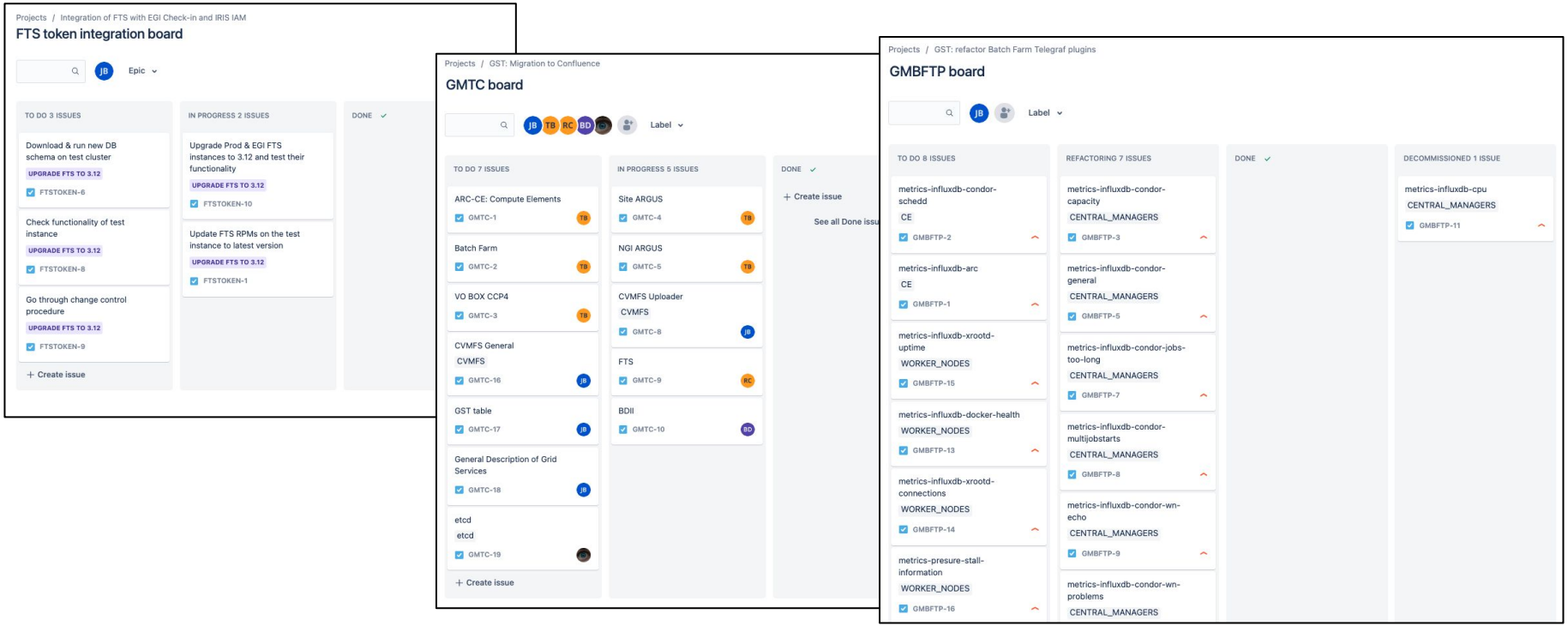
Share | Export issues | Go to advanced search | LIST VIEW | DETAIL VIEW

Search issues | Project: Grid Services Issues | Type | Status | Assignee | More + | Save filter | BASIC | JQL

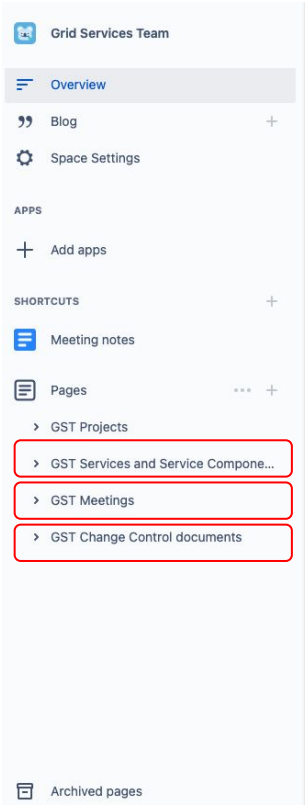
Type	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created ↓	Updated	Due
	GS-15	log rotate entry errorrs for WNs "duplicate entries"	Thomas Birkett	Brian Davies	=	BACKLOG	Unresolved	10 Dec 2022	10 Dec 2022	
	GS-14	UI machine python3 gfal bindings?	Jose Caballero Be...	James Walder	=	BACKLOG	Unresolved	10 Dec 2022	10 Dec 2022	
	GS-12	Add rule to sudoers for LHCb VO BOX	Jose Caballero Be...	Jose Caballero Be...	=	DONE	Done	21 Nov 2022	21 Nov 2022	
	GS-11	Fix Aquilon setup for CVMFS Stratum-1: daemon for iptables does not start on reboot	Jose Caballero Be...	Jose Caballero Be...	=	BACKLOG	Unresolved	21 Nov 2022	21 Nov 2022	
	GS-10	renew service certificate for LHCb VO BOX	Jose Caballero Be...	Jose Caballero Be...	=	DONE	Done	21 Nov 2022	5 Dec 2022	
	GS-9	Fix the problem on the Batch Farm preventing the removal of containers upon job completion	Thomas Birkett	Jose Caballero Be...	=	DONE	Done	17 Nov 2022	21 Nov 2022	
	GS-8	Lost file at ECHO	Jose Caballero Be...	Alexander Rogovs...	=	DONE	Done	15 Nov 2022	15 Nov 2022	
	GS-7	Fix VOMS setup for desy.de	Thomas Birkett	Jose Caballero Be...	=	BACKLOG	Unresolved	15 Nov 2022	5 Dec 2022	
	GS-6	FTS3-Test intermittently giving a 500 error when Rucio submitting jobs to it	Rose Cooper	Timothy Noble	=	IN PROGRESS	Unresolved	9 Nov 2022	22 Nov 2022	
	GS-5	Dedicated WN for LHCb vector read tests	Thomas Birkett	Alexander Rogovs...	=	BACKLOG	Unresolved	7 Nov 2022	14 Nov 2022	
	GS-4	Update HTCondor to version 9 on the User Interfaces	Jose Caballero Be...	Jose Caballero Be...	^	DONE	Done	1 Nov 2022	7 Nov 2022	
	GS-3	Fix VOMS setup on the Worker Nodes gateways	Thomas Birkett	Jose Caballero Be...	=	DONE	Done	31 Oct 2022	14 Nov 2022	
	GS-1	FTS migration to RC fromBD	Rose Cooper	Brian Davies	=	IN PROGRESS	Unresolved	7 Oct 2022	7 Nov 2022	

Projects for Team activities

We started with one Project per Activity. Examples:



Layout in Confluence



What is Grid Computing?

The computational requirements for science keep growing every day. Running all your scientific models and analysis programs in a single mainframe is no longer a viable option. Modern science requires, more and more, large amounts of CPU power and data storage space.

There are two typical scenarios in modern science:

- Case 1. Small experiments needing quite a lot CPU power, but only occasionally. It is hard in these cases to justify the budget to procure the needed amount of computing power, as major part of the time it would remain unused.
- Case 2. Big experiments, needed as much CPU power and storage space as possible, constantly, for large periods of time. In this case, the requirements are so excessive that no a single institution in academia can afford them. Examples of this type of scientific projects are the High Energy Physics or Astrophysics.

Both scenarios can benefit from one possible solution: Grid Computing. The Grid Computing uses distributed computing resources, connected via Internet, to create a single computing cluster. With this approach, all the participating institutions share their computational resources with each other. Each member is allowed to use all the available resources, no matter where they are geographically, with the condition of allowing other members to use also its local infrastructure.

In the case of the LHC experiments, they all are members of a Grid Computing project called World LHC Grid Computing (WLCG). In this projects, participating institutions are organised in a tiered hierarchy, each tier having different levels of responsibilities.

RAL is a Tier1 institution... **TO BE COMPLETE !!!!**

Grid Services Team

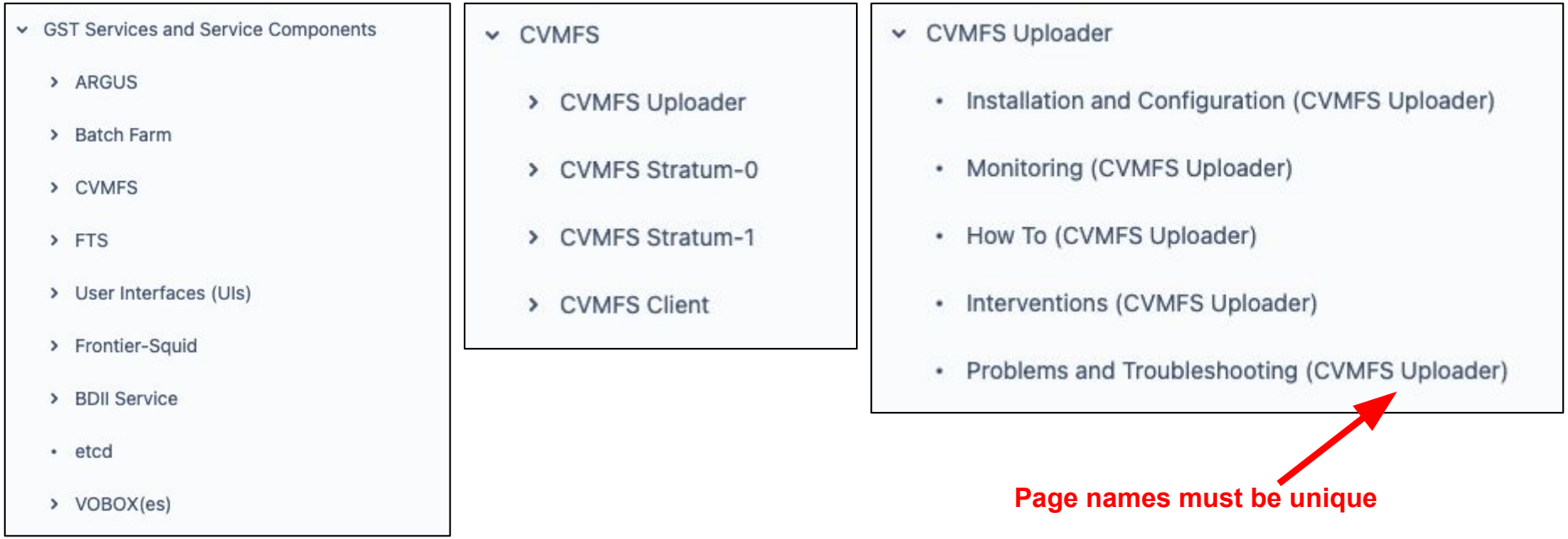
Grid Services Team maintain a series of services the utilisation of the computation resources at RAL by the scientific communities we support. In particular, those from the WLCG project. **TO BE COMPLETE**

Layout for Services Documentation

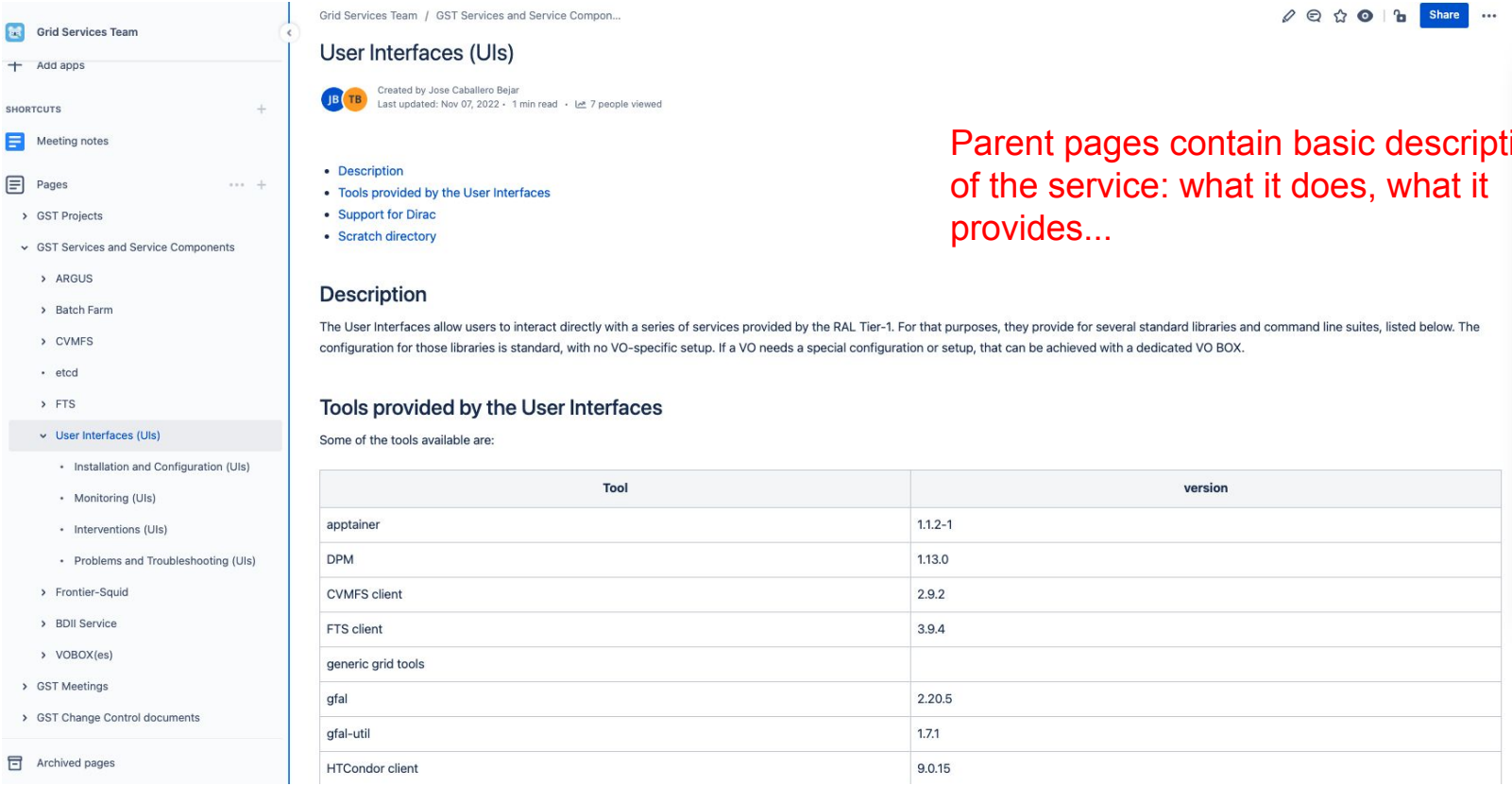
Type	Service	Owner / deputy	Hosts/Instances	Personalities	Comments
Tier-1 Managed Services: Services which are run by us and are part of the delivery of the Tier-1 service MoU.	ARC CEs	@Thomas Birkett / @Jose Caballero Bejar	arc-ce01 arc-ce02 arc-ce03 arc-ce04 arc-ce05		
	ARGUS NGI	@Thomas Birkett / @Jose Caballero Bejar	ngi-argus01 ngi-argus02		
	Batch Farm	@Thomas Birkett / @James Adams	lcg<NNNN>		
	TopBDII	@Brian Davies	lcgbdii01 lcgbdii02 lcgbdii03	ral-tier1__bdii-top	
	SiteBDII	@Brian Davies	lcgsbdii01 lcgsbdii02 lcgsbdii03	ral-tier1__bdii-site	
	User Interfaces (UIs)	@Jose Caballero Bejar / @James Adams	lcgui05 lcgui06	lcgui05	
	VOBOX (ALICE)	@George Patargias / @Jose Caballero Bejar	lcgvo-alice-1		
	VOBOX (LHCb)	@Jose Caballero Bejar / Robert Currie	lcgvo-lhcb-1		

Layout for Services Documentation (ii)

- By Service > By Service Component (when needed) > By topic



Layout for Services Documentation (iii)



Parent pages contain basic description of the service: what it does, what it provides...