

SAM/ARGO Status update

C. Kanellopoulos (GRNET)



EGI-TJRA2.1

Evolution of the ARGO platform:

- Add status results & enhance metric store
- Enhance custom factors support
- Enhance the UI component of the OPS portal
- Nagios:
 - Remove MyEGI & MRS
 - New ATP component
 - Modify POEM
 - Refactor MyEGI API
 - Migrate to RHEL 6
- Gridmon
 - Refactor MyEGI API
 - Migrate to RHEL 6

Duration: 8 Months (May - December 2014)

Partner	PM
GRNET	7
CNRS	3.5
SRCE	6.5

- Standalone version of ARGO
- Removal of the SAM WN Framework



PY5 Roadmap

Previous month: 47%

			Date		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WebAPI	01/05/2014	31/12/2014	245	63%								
Status: Data store changes for integration with API	01/05/2014	30/06/2014	61	100%								
Status: Migration to new schema	01/05/2014	30/06/2014	61	100%								
Status: Return statuses at Site level	01/07/2014	30/09/2014	92	40%								
Status: Return statuses at Service Flavor level	01/07/2014	30/09/2014	92	40%								
Status: Return statuses at Service Endpoint level	01/07/2014	30/09/2014	92	90%								
Status: Filter results per VO	01/07/2014	30/09/2014	92	20%								
Status: Filter results for a specific Service Flavor	01/07/2014	30/09/2014	92	80%								
Status: Filter results for a Specific Service End Point	01/07/2014	30/09/2014	92	80%								
Status: Filter results for a specific period	01/07/2014	30/09/2014	92	80%								
Status: Return statuses at Metric level	01/10/2014	31/12/2014	92	80%								
Status: Return Raw Metric result	01/10/2014	31/12/2014	92	90%								
Status: Filter results for a specific Profile	01/10/2014	31/12/2014	92	0%								
Status: Filter results for a specific NGI	01/10/2014	31/12/2014	92	0%								
Status: Filter results for a specific Site	01/10/2014	31/12/2014	92	0%								
Factors: Return factor per site (to be used for the Treemap in the webui)	01/05/2014	30/06/2014	61	100%								
Factors: New data store and schema implementation	01/05/2014	30/06/2014	61	100%								



PY5 Roadmap

Previous month: 50%

			D-4								
			Date:		MAY JU	N JUL	AUG	SEP	ОСТ	NOV	DEC
Sync Components	05/01/2014	31/12/2014	361	55%							
Add capturing of raw data	05/01/2014	06/03/2014	61	2008							
Storing of raw data to the data store	01/05/2014	30/06/2014	61	100%							
Implement mechanism for data retention of raw data	01/10/2014	31/12/2014	92	20%							
Sync components use interfaces of new monitoring engine and											
gridmon		31/03/2014	90	US							
Monitoring Engine	01/07/2014	31/12/2014	184	4%							
Rewrite ATP to provide just the JSON that NCG consumes	Previous n	nonth: 00	/2 92	9.9							
Modify POEM to work with the reduced database	i ievious ii		92	10%							
Refactor MyEGI API to keep functions used by other component											
(sync components, NCG)	01/07/2014	30/09/2014	92								
Remove MyEGI from the Nagios Regional instance	01/10/2014	31/12/2014	92	0%							
Remove MRS from the Nagios Regional instance	01/10/2014	31/12/2014	92	0%							
Package the Nagios Regional instance	01/10/2014	31/12/2014	92	0%							
Migration to RHEL 6	01/10/2014	31/12/2014	92	108							
Gridmon	01/07/2014	31/12/2014	184	7%							
Refactor MyEGI API to keep functions used by other compone		-									
(sync components, NCG, regional instances)	Previous m	ionth: 0%	92	10%							
Package the new Gridmon instance			92	0%							
Migration to RHEL 6	01/10/2014	31/12/2014	92	10%							



PY5 Roadmap

Previous month: 26%

			Date:	Y_	MAY JUN	JUL	AUG	SEP	OCT	NOV	DEC
WebUI	01/05/2014	31/12/2014	245	26%							
Migration to latest version of Lavoisier	01/05/2014	30/06/2014	61	100 s							
Integration of new theme	01/05/2014	30/06/2014	61	100%							
Implementation of X509 authentication	01/05/2014	30/06/2014	61	100%							
Use of GOCDB roles for fine grained access control	01/05/2014	30/06/2014	61	100%							
Status: Show status at Site level	01/07/2014	30/09/2014	92	0%							
Status: Show status at Site Flavor level	01/07/2014	30/09/2014	92	0%							
Status: Show status at Service Endpoint level	01/07/2014	30/09/2014	92	0%							
Status: Show status at Metric level	01/07/2014	30/09/2014	92	0%							
Status: Show Raw Metric result	01/08/2014	31/10/2014	92	0%							
Status: Filter results per VO	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a specific Profile	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a specfic Region	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a specific Site	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a specific Service Flavor	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a Specific Service End Point	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a predefined period (24 hours,											
week, month, 6 months)	01/09/2014	31/10/2014	61	0%							
Status: Filter results for a custom period	01/09/2014	31/10/2014		0%							
Treemap: Generate Treemap based on the Statuses	01/10/2014	31/12/2014	92	0%							
Treemap: Generate Treemap based on the Availabilities	01/10/2014	31/12/2014	92	90%							



PY5 Roadmap (New activities)

			Deter									
			Date:		MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC
Standalone version	20/10/2014	12/12/2014	54	0%								
Identification of compute engine dependencies on currently												
used data sources	20/10/2014	31/10/2014	12	0%								
Data structures for modular, generic and flexible description												
of consumer and sync input sources	20/10/2014	28/11/2014	40	0%								
Support for Modular intrinsic logic inside compute engine												
(modular on-demand operations of AND/OR among status fields)	20/10/2014	28/11/2014	40	0%								
Compute engine support for custom hierarchical grouping of												
services	03/11/2014	12/12/2014	40	0%								
Testing and release	01/11/2014	31/12/2014	61	0%								
Utilities for checking and debugging the status of the												
standalone service	15/11/2014	14/12/2014	30	0%								
Testing	01/11/2014	31/12/2014	61	0%								
Documentation	15/11/2014	31/12/2014	47	0%								
WN Framework	01/11/2014	30/11/2014	30	10%								
Removal (?) of the WN framework	01/11/2014	30/11/2014	30	10%								
CDMI Cloud Storage Monitoring Probe	01/11/2014	30/12/2014	60	0%								
Probe development & Testing	01/11/2014	30/12/2014	60	0%								