

EGI-InSPIRE

DMP0: METRICS PORTAL ROADMAP V3

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Abstract: This document provides the development roadmap of the Metrics Portal for the next 3 years.

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II. DELIVERY SLIP

	Name	Partner/Activity	Date
From	Alvaro Simon	CESGA/JRA1	18/01/11
Reviewed by	Moderator: Reviewers:		
Approved by	AMB & PMB		

III. DOCUMENT LOG

Issue	Date	Comment	Author/Partner
1	18/01/11	First draft entering internal review	A. Simon/CESGA
2	19/01/11	New charts and gantt	J. Lopez/CESGA
3	20/01/11	Revision	J. Lopez/CESGA
4	16/01/13	Revision	A. Simon/CESGA



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1. INTRODUCTION

1.1. PURPOSE OF THE DOCUMENT

This document shows new Metrics Portal roadmap and future deliverables and milestones. A preview Gantt chart is displayed at the end of this document.

1.2. APPLICATION AREA

Readers can use this document to obtain general info about Metrics Portal status and future work.

1.3. REFERENCES

[R1] http://metrics.egi.eu	Metrics Portal
[R2] http://accounting.egi.eu	Accounting Portal
[R3] https://ggus.eu/	GGUS Portal
[R4] http://operations-portal.egi.eu/	Operations Portal
[R5] http://goc.egi.eu/	GOCDDB

1.4. DOCUMENT AMENDMENT PROCEDURE

This document may be updated as new services appear to be included into Metrics Portal or if new milestones are required.

Comments should be sent to the authors.

2. EXECUTIVE SUMMARY

The development roadmap of the Metrics Portal for the next 3 years is presented.

The document includes the WBS, WBS dictionary, list of deliverables, list of milestones and the schedule.

The development is based on the spiral model. Three complete cycles are defined, producing a new release of the metrics portal at the end of each cycle.

Inside each cycle there are six steps, one devoted to each data source. After each step a preview release including the additional metrics created will be available in the development version of the metrics portal for internal review.

The detailed schedule is presented in Section 8.



3. INTRODUCTION

The metrics portal is the culmination of the work initiated by the MIG (Metrics Implementation Group) and transferred to the Operations Automation Team (OAT) in EGEE-III and now to EGI. The main objective is to have a set of metrics that can help to measure project performance and keep track of its evolution. The portal automatically collects all the required data and calculates these metrics displaying all of them in a single place. The portal agglutinates information from different sources like GOCDDB, GGUS, GSTAT, etc. using various connectors depending on the data provider. These connectors translate the information gathered from diverse producers and stores it into a local database. Using the metrics portal this information will be available from a common interface and full reports could be generated in just a few seconds.

4. PROJECT LIFE CYCLE

The development of the metrics portal is based on the A spiral life-cycle model. Three complete cycles are defined, producing a new release of the metrics portal at the end of each cycle (see Figure 1).

Inside each cycle there are six steps, one devoted to each data source. After each step a preview release including the additional metrics will be available in the development version of the metrics portal for internal review.

Before each step in the life-cycle dedicated meetings will be organized with activity leaders to define the set of metrics to implement and with the corresponding data provider to define the OLA for data access. These meetings will take place one month before the beginning of the development so enough time is given to each data provider to give access to the data required to produce the selected metrics.

Figure 1: Metrics Portal Lifecycle



5. WBS

MP0	Coordination
MP1	Current Metrics Portal revision
MP2	Metrics Portal Framework
MP3	Manual Metrics
MP4	Accounting Metrics
MP5	GGUS Metrics
MP6	GSTAT Metrics
MP7	ACE Metrics
MP8	GOODB Metrics

6. WBS DICTIONARY

Code	MP0
Name	Coordination
Definition	Develop project plan and coordinate project development through dedicated meetings both with activity leaders and data providers
Deliverables	DMP0.1 DMP0.2 DMP0.3
Milestones	

Code	MP1
Name	Metrics Portal V1.1
Definition	Review current version of Metrics Portal
Deliverables	DMP1
Milestones	MMP1

Code	MP2
Name	Metrics Portal Framework
Definition	The aim of this work package is to choose a framework fast and versatile to develop version 2 of the portal
Deliverables	DMP2
Milestones	

Code	MP3
Name	Manual Metrics
Definition	Define a database schema and the interface to introduce manual metrics into the portal
Deliverables	DMP3.1 DMP3.2 DMP3.3 DMP3.4 DMP3.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6



Code	MP4
Name	Accounting Metrics
Definition	Definition and implementation of required metrics available from Accounting Portal
Deliverables	DMP4.1 DMP4.2 DMP4.3 DMP4.4 DMP4.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6

Code	MP5
Name	GGUS Metrics
Definition	Definition and implementation of required metrics available from GGUS
Deliverables	DMP5.1 DMP5.2 DMP5.3 DMP5.4 DMP5.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6

Code	MP6
Name	GSTAT Metrics
Definition	Definition and implementation of required metrics available from GSTAT
Deliverables	DMP6.1 DMP6.2 DMP6.3 DMP6.4 DMP6.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6

Code	MP7
Name	ACE Metrics
Definition	Definition and implementation of required metrics available from ACE
Deliverables	DMP7.1 DMP7.2 DMP7.3 DMP7.4 DMP7.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6



Code	MP8
Name	GOCDB Metrics
Definition	Definition and implementation of required metrics available from GOCDB
Deliverables	DMP8.1 DMP8.2 DMP8.3 DMP8.4 DMP8.5
Milestones	MMP2 MMP3 MMP4 MMP5 MMP6



7. LIST OF DELIVERABLES

Deliverable	Name	Description
DMP0.1	Metrics Portal Project Plan v1.0	Portal roadmap deliverables.
DMP0.2	Metrics Portal Project Plan V1.1	Metrics Portal Project Plan update after first development cycle
DMP0.3	Metrics Portal Project Plan V1.2	Metrics Portal Project Plan update after second development cycle
DMP1	Metrics Portal v1.1	Minor release based on the version of the Metrics portal based on current release. Basically fixing open bugs.
DMP2	Framework selection	New development framework selected for Metrics Portal V2
DMP3.1 DMP3.2 DMP3.3 DMP3.4 DMP3.5	Manual Metrics v1 v2 v3 v4 v5	Portal interface will grant write access to activity leaders to introduce manual metrics
DMP4.1 DMP4.2 DMP4.3 DMP4.4 DMP4.5	Accounting Metrics v1 v2 v3 v4 v5	Metrics Portal should display metrics using stored accounting information.
DMP5.1 DMP5.2 DMP5.3 DMP5.4 DMP5.5	GGUS Metrics v1 v2 v3 v4 v5	GGUS and Metrics Portal teams should be in contact to deploy a stable interface between portals and store and display the desired metrics.
DMP6.1 DMP6.2 DMP6.3 DMP6.4 DMP6.5	GSTAT Metrics v1 v2 v3 v4 v5	New set of metrics gathering information from GSTAT.
DMP7.1 DMP7.2 DMP7.3 DMP7.4 DMP7.5	ACE Metrics v1 v2 v3 v4 v5	Display new metrics using GOCDDBPI interface.



8. LIST OF MILESTONES

Milestone	Description
MMP1	Metrics Portal v1.1
MMP2	Metrics Portal v2
MMP3	Metrics Portal v2.1
MMP4	Metrics Portal v2.2
MMP5	Metrics Portal v2.3
MMP6	Metrics Portal v2.4

9. SCHEDULE

DATE	EVENT
31/01/11	DMP0.1
28/02/11	DMP1 DMP2 MMP1 (Metrics Portal v1.1)
31/03/11	DMP3.1
30/04/11	DMP4.1
31/05/11	DMP5.1
30/06/11	DMP6.1
31/07/11	DMP7.1
31/08/11	DMP8.1 MMP2 (Release v2)
30/09/11	DMP0.2 DMP3.2
31/10/11	DMP4.2
30/11/11	DMP5.2
31/12/11	DMP6.2
31/01/12	DMP7.2
28/02/12	DMP8.2 MMP3 (Release v2.1)
31/03/12	DMP0.3 DMP3.3
30/04/12	DMP4.3
31/05/12	DMP5.3
30/06/12	DMP6.3
31/07/12	DMP7.3
31/08/12	DMP8.3 MMP4 (Release v2.2)
30/09/12	DMP0.4 DMP3.4
31/10/12	DMP4.4
30/11/12	DMP5.4
31/12/12	DMP6.4
31/01/13	DMP7.4
28/02/13	DMP8.4 MMP5 (Release v2.3)
31/03/13	DMP0.5 DMP3.5

30/04/13	DMP4.5
31/05/13	DMP5.5
30/06/13	DMP6.5
31/07/13	DMP7.5
31/08/13	DMP8.5 MMP6 (Release v2.4)

One release will be produced each 6 months. In Figure 2 the release schedule is presented.

NOTE:

Before each step in the life-cycle two dedicated meetings will be organized:

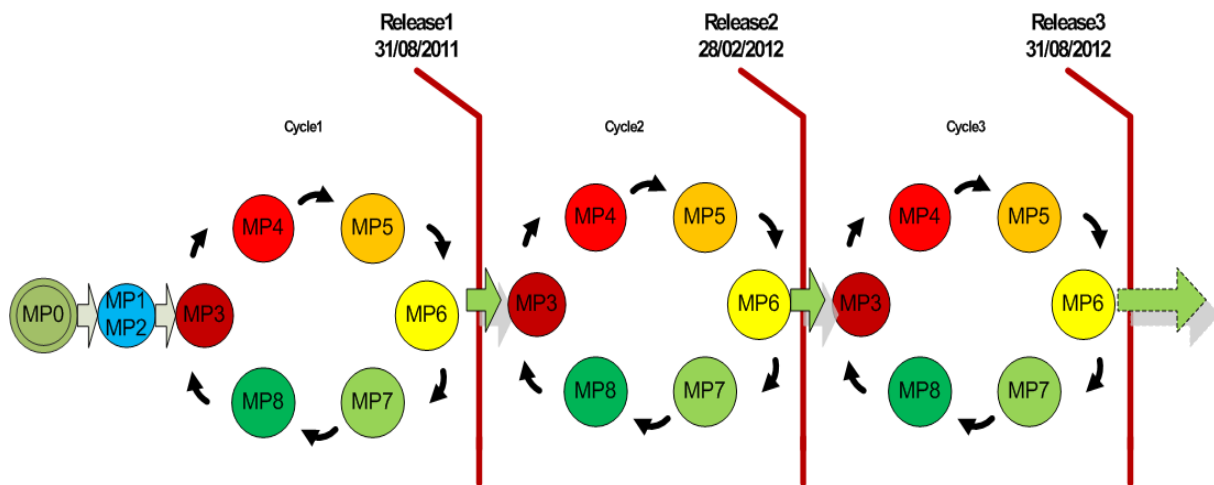


Figure2: Release Schedule

- The first one will involve activity leaders to define the set of metrics to implement
- The second one will involve the corresponding data provider to define the OLA for data access



These meetings will take place one month before the beginning of the development so enough time is given to each data provider to give access to the data required to produce the selected metrics.

The specific dates for each meeting have to be defined.