



# **SA2.3 Metrics**

## **Year 1 Post-Mortem**

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# Year 1 Activity: Work Done

- **Defined** a concrete set of **process** (bug-tracking), **software** and **static analysers** metrics based on the project goals
- Combined the **bug-tracking** information into one machine readable **format** for **metric calculation** and **presentation**
- Liaised constantly with the “tools people” SA2.4, to **produce** and **refine** the **visualisation** of each metric
- Maintained the **twiki** and **internal metrics** description of how to produce metrics

# Year 1: Highlights and Achievements

- **Done:** Successfully representing all bug-tracking information from each middleware using **schemas** and **XML** translators
- **Done:** Producing metrics reports is beyond the achievements of the EDG, CrossGrid and EGEE projects
- **Done:** Found the relevant areas where metrics are useful and have a useful starting set (not everything under the sun!)

# Year 1: Impact

- **Bug-trackers:** Specifying a common format for the bug-trackers has helped conform each middleware to the Request for Change process
- **Product(s):** Reports have highlighted where product teams are strong/weak on process/testing.
- **Harmonisation:** Customers become aware of issues or commonality in discussions
  - E.g: differences in bug-trackers, shortcomings in testing, needs for different customers
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# Year 1: Cross-activity Work

- **EMT:** Every Friday a report is formed for the release manager, showing all **untouched bugs** and **immediate/high priority bugs** + a single graphical representation of **successful builds**.
- **JRA1/Product Teams:** Reports are generated that show the results of **static analysers** and overall project statistics.
- **GGUS:** For metrics relating to **user tickets**
- **SA1 QC:** The **KPIs** and a **subset** of the metrics must be specified for SA1

# Year 1: Challenge and Lessons Learnt

## Challenges

- Quality has not been such a part of Grid projects in the past and is in itself a learning experience
- Fine-tuning the metrics is difficult and more work than expected
- Avoidance of overloading PTs is key, but effecting change is important

## Learnt

- Cross activity talks is the key to success
- QA needed to quickly compromise on exchange formats and presentation of results

# Questions & Answers?

**FOR METRIC PRIORITIZATION  
AND Q&A SESSION  
SEE YOU TOMORROW**