Job statistics

JRA2, NA4, SA1, JRA1, ….

Pisa, Tuesday, 25 October 2005

Meeting objectives

- **Current situation overview**
  - Figures from various sources and various purposes
  - End users statistics; Each application has to build it own statistics tool
- **Next steps**
  - Common work in order to provide common tools

	RBs	CEs
Statistics	JRA2, GOC	GOC
Accounting		APPEL, DGAS
Monitoring	SA1/R-GMA	GOC

Agenda

- **Agenda**
  - RBs Job statistics (Geneviève Romier – JRA2)
  - APEL (David Kant – SA1)
  - **Job Provenance vs statistics (Zdenek Salvet – JRA1)**
  - **DGAS (JRA1)**
  - Biomed Data Challenge
    - Data collect (Geneviève Romier – JRA2)
    - Comparison from end users statistics against RBs statistics (Nicolas Jacq – NA4)
  - Discussion

Conclusion

- **Summary of the current situation**
  - Various tools for various purposes (statistics, monitoring, accounting). For statistics purpose only, each tool presents advantages and disadvantages depending where input data come from:
    - Input from RBs (JRA2 RB stats, Job Provenance stats): do not take into account jobs not submitted through RBs. About 90% RBs are collected
    - Input from CEs (APEL): do not take into account what is happened before CE
    - DGAS will offer both. About 90% sites are collected
  - Data Challenge and end users statistics: Each DC has to build it own statistics tool
    - No basic solution currently even if JRA2 statistics helped Wisdom Biomed DC
    - “Application Tag” will help

- **Next steps**
  - Better understand job throughput distribution between jobs using RBs from other jobs submission mechanisms (direct access to the CE, Dirac…).
    - No basic solution currently
  - Common work in order to provide common tool