Software Rollout to the Production Infrastructure

Software providers perspective, feedback

IGE perspective

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Summary

- Vision: **One-stop shop** for Globus in Europe
  Advance research in Europe

- Bundle and coordinate European Globus efforts: **usage** and **development**

- Develop and contribute missing functionality

- Service provider for European Grids

- Third level support for Globus in Europe

- Promote Globus usage in Europe

- **Coordination** of European Globus activities
- **Bundle** European input to Globus
- Introduce **adjustments** critical for Europe into Globus **code base**
- Act as **Globus service provider** for European Grids like DEISA, PRACE, and EGI
- Measure Globus **software quality**
- **Standardization**, **training**, **promotion**, and **documentation**
- Organize **Globus Europe conference** and **Globus community forum**

- Set up **mirror of globus.org** for Europe
- Provide a **European metrics collector** (otherwise privacy concerns)
- Support **interoperability** efforts (BES, SAML, JSDL, LCAS, accounting, etc.)
- Providing a **repository** and **web resource**: http://www.ige-project.eu/
- **Maintain binary packages** for AIX, SuSE, ...
- **Support batch systems** like LL, NQS2, ...

IGE and the Staged Rollout in EGI

- IGE will provide
  - open source software packages (rpm, deb, etc.)
  - software packages shaped according to the requirements of EGI, if necessary
  - Globus 3rd level support for EGI / NGIs
  - training for Globus operation and usage
- IGE will operate
  - a software repository from where EGI can download these packages
  - trouble ticket and bug tracking systems to support resource providers and scientific users

- IGE will define
  - software quality measures considering the requirements of EGI
  - development and rollout procedures (according to PDCA cycle)
- Some IGE partners involved in EGI-InSPIRE
  - close cooperation guaranteed
  - can serve as "very early" adopters
  - also have role of resource provider ("customer")