



NorduGrid ARC development

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Advanced resource Connector

- General purpose grid middleware
- Stable production software which powers a large grid since May 2002
- well-supported grid platform
 - Documentation
 - Online Support system
- Open development process controlled by the technical group
- Plenty of information www.nordugrid.org

The open developer community

The group is devoted to develop, maintain and support the ARC middleware

- Group members with different level of involvement:
 - Core group, daily work (5 persons)
 - Students (Oslo, Aalborg group, Estonians)
 - Technical personnel of our 'customers':
 - Swegrid, DCGC, NDGF, Estonian, Slovakian, Slovenian, German, Australian, other grid deployments
 - Developers from 'Related projects'
 - SweGrid Accounting, Globus, EGEE?
 - People on the “discuss”

Main development areas

- User libraries: arclib, jarclib
- GUI (java, qt)
- Data management
- Information system, monitoring
- “Packaging”, software building
- Authorization at every level
- resource management: allocations, quotas
- Porting to new platforms: ARC on windows

Place to contribute

- Core development:
 - Come to a technical meeting,
 - follow nordugrid-discuss@nordugrid.org
- Deploy, test, use the software
- Give a try, port to new platforms
- “Griddify” new applications
- Provide ***feedback***

Interested? Come to the Friday tech meeting

- Release milestones, roadmap
- NorGrid comments on software status
- New CVS structure, build process
- Indexing service for data management
- Data management requirements & milestones
- ARC interface, interoperability among grid middlewares