



e-Connecting Scientists

EGI – DIRAC collaboration

Dec 20th 2013

Summary

- Target:
 - **Connect** researches to e-Infrastructure: **single entry point**
- How:
 - Provide a **service** for anyone interested (VOs and SSO) connecting to grid, cloud, hpc, desktop grid,.. Not forgetting to integrate Storage
 - Provide support to users and communities for the integration, helping them to **break the gap**
 - **Help others to help themselves and, thus, yourself**
- Impact:
 - **Integrate** all fields of research
 - Avoid digital-divide in Europe Research

Now

Vision

Future

NGI

Users/Communities

User Support

DIRAC

Service/Interface

**Distributed
Competence
Center**

EGL.eu

NGI

Resources

e-Infrastrucure



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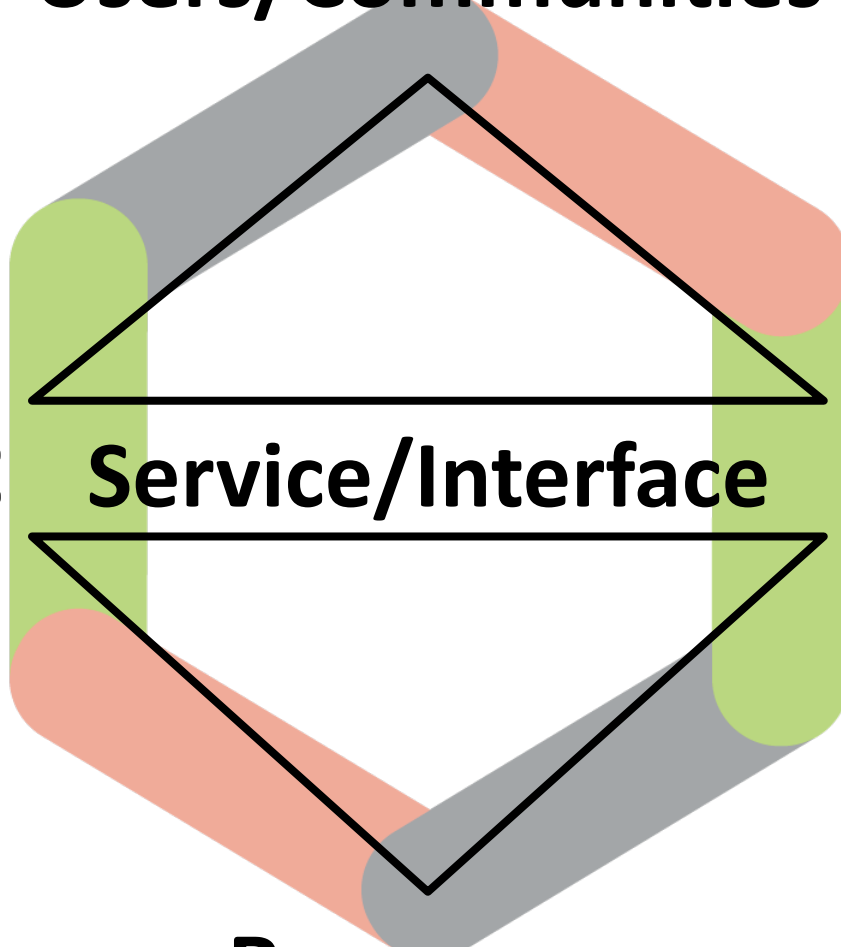
**Distributed
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Step by Step

- Pilot DIRAC service for few interested/interesting communities
 - Jan-2014 / May-2014
 - Using existing DIRAC/NGI/Communities experience
 - Work on connection to EGI services (Resources, Accounting, Monitoring, SSO, ...)
- Dissemination to other interested parties
 - Communities/Users | NGIs | Technology providers
 - EGI User Forum in Helsinki (May-2014)
 - Presentations, Demo, Face 2 Face, Tutorial (?)
- Connection to ESFRIs
 - To be worked out
- H2020 proposal
 - EINFRA-9-2015
 - ...

EGI DIRAC Pilot:

1. Setup Hosting (Jan-):
 1. main Servers (DIRAC, Portal, MySQL)
 2. Redundant Servers (Portal, MySQL replication, Rely)
 3. Deploy services
2. Connect first Communities (Feb-)
 1. Auger, WeNMR, iMarine, Engineering (?)
3. Setup Operations (Feb-):
 1. DIRAC
 2. Resources: grid, cloud, IDGF
 3. Users: training + support
4. Connect to EGI production systems/services and beyond:
 1. Security, Accounting, Monitoring, SSO, etc.
 2. Other technologies: Storage, DBs, HPC, CVMFS, etc.
 3. Commercial resource providers, Commercial users
 4. Global connections
 1. Global Communities
 2. Other Regions and Providers

Your turn to talk