



LRZ Globus Activities in D-Grid

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Dipl.-Inf. Hamza Mehammed

mehammed@lrz.de

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Leibniz Computing Centre

Activities



- Globus installation guide**
- installation and configuration support (remote)**
- Globus Workshops**
- Providing Globus 4 binary packages for SuSE OSs**
- providing support for Globus batch system adapter**
 - NQSII
 - SGE 5
- installation support for Globus with MPI**
- GridFTP performance tuning**
- myproxy server for all partners**
- providing central WebMDS server for the D-Grid project**

D-Grid WebMDS



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ServiceGroup Overview

[D-Grid Homepage](#)

[DGUS](#)

This page provides a brief overview of Web Services and/or WS-Resources in D-Grid that are members of a WS-ServiceGroup.

This WS-ServiceGroup has 6 direct entries, 254 in whole hierarchy.

2007-04-30, 11:15:22			
Resource Type	Description	Information	Details
ServiceGroup	AstroGrid-D	children: 25 descendants: 100	detail
ServiceGroup	C3Grid	children: 11 descendants: 40	detail
ServiceGroup	WISENT	children: 4 descendants: 4	detail
ServiceGroup	Kern-D-Grid (DGI)	children: 11 descendants: 100	detail
ServiceGroup	csr-pc14.zib.de	children: 4 descendants: 4	detail
Unknown	gwdu106.gwdg.de	Aggregator entry with no content from https://gwdu106.gwdg.de:8443/wsrf/services/DefaultIndexService	detail

Bei Problemen wenden Sie sich bitte an den D-Grid Support [DGUS](#) oder das [LRZ-Team](#).

XSLT transformation provided by servicegrouptable.xsl version 1.5.4.1.

D-Grid Integration Project (DGI)



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ServiceGroup 22844058 Overview

[D-Grid Homepage](#)
[DGUS](#)

This page provides a brief overview of Web Services and/or WS-Resources in D-Grid that are members of a WS-ServiceGroup.

This WS-ServiceGroup has 6 direct entries, 254 in whole hierarchy.

2007-04-30, 11:15:51			
Resource Type	Description	Information	Details
Unknown	arminius-grid.uni-paderborn.de	Aggregator entry with no content from https://arminius-grid.uni-paderborn.de:8443/wsrf/services/DefaultIndexService	detail
ServiceGroup	RWTH-RZ, Aachen	children: 4 descendants: 4	detail
ServiceGroup	RRZN, Uni Hannover	children: 4 descendants: 4	detail
ServiceGroup	D-Grid Services at FZK	children: 4 descendants: 4	detail
ServiceGroup	Forschungszentrum Juelich (FZJ)	children: 6 descendants: 20	detail
Unknown	mardschana.zib.de	Aggregator entry with unknown content "C3GridResource" from https://mardschana.zib.de:8443/wsrf/services/DefaultIndexService	detail
Unknown	mardschana.zib.de	Aggregator entry with unknown content "C3GridResource" from https://mardschana.zib.de:8443/wsrf/services/DefaultIndexService	detail
ServiceGroup	Leibniz-Rechenzentrum (LRZ)	children: 4 descendants: 20	detail
ServiceGroup	TU Dresden	children: 15 descendants: 29	detail
ServiceGroup	Rechenzentrum Garching (RZG/MPG)	children: 4 descendants: 4	detail
ServiceGroup	sigrid.zimt.uni-siegen.de	children: 4 descendants: 4	detail

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XSLT transformation provided by servicegroupstable.xsl version 1.5.4.1.

Globus Binary Distributions



- SLES**
 - version 9
 - version 10
- SuSE Linux**
 - version 9.3
 - version 10.0
 - version 10.1
- special packages for OGSA –DAI**
 - without GRAM
- for different machines**
 - 32 and 64 bit machines
- cooperation with Globus Alliance in the future?**

Globus Workshops in 2006



□ at LRZ

- 1. Workshop for D-Grid with J. Schopf (50 p)
- 2. Workshop for D-Grid and others with J. Schopf (42 p)
- 3. Workshop for the employees of German armed forces University Munich (7 p.)

□ Summer Schools

- GridKa summer school in Karlsruhe (Germany)
- CoreGrid summer school in Bonn (Germany)

Workshop Contents



- ❑ **Installation, configuration, and tests (live)**
 - local using laptop installation
 - remote on server machines (incl. using XEN)

- ❑ **Covered GlobusToolkit components**
 - GRAM
 - GridFTP/RFT
 - MDS4 and WebMDS
 - GSI-SSH
 - Myproxy

Our Globus Installation



❑ **HLRB2 SGI 4700**

- more than 9700 CPUs
- GT4 at the head
- PBSpro as batch system

❑ **Linux Cluster**

- 32 and 64 Bit machines
- SGE as batch system

❑ **more 50 XEN images to come**

- for training with Globus WS development and deployment.



The End !