

Freie Universität Berlin Grouper Page

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Statistics

- Using Grouper 2.2.2
- members
 - 86503 members total
 - on average 47 new members per day
- memberships
 - 2752863 memberships total
 - on average 582 new memberships per day
- groups
 - 14060 groups total
 - on average 12 new groups per day
- folders
 - 4940 folders total
 - on average 5 new folders per day
- loader jobs
 - 15 loader groups
 - on average 4095320 loader jobs per day

Servers

- 2 PostgreSQL database servers for imported sources
- 1 OpenLDAP server for users and targets (redundant)
- 1 Tomcat server for UIs and Web Services (redundant)
- 1 Apache Reverse Proxy (redundant)

Sources

- Employees
 - organizational units
 - functions
 - cost centers
- Students
 - faculties
 - degrees
- Alumnis
- Guests
- Members of affiliated institutes
- Projects

Utilization

- web portal access management
- software download rights management
- file system access management
- computing capacity management
- roll-outs
- mailing lists
- Shibboleth entitlements

Customizations

- We're using hooks for
 - [sending mails](#) to the wheel members if important member groups are deleted
 - [setting privileges](#) automatically if groups are created within a certain stem
 - [writing log entries into syslog](#) if members or groups are deleted/added within a certain stem
 - [supplying unixGroups](#) with gidNumbers
- [We're using Jabber](#) for
 - sending notifications if a wheel group member is deleted from the group
 - sending notifications if a target group is deleted
- We're using various grouper functions for a daily maintenance routine, such as
 - `usdu(usdu.DELETE)`
 - `findBadMemberships()`
 - `loaderRunOneJob("MAINTENANCE_cleanLogs")`
 - `loaderRunOneJob("CHANGE_LOG_changeLogTempToChangeLog")`
 - `new edu.internet2.middleware.grouper.misc.SyncPITTables().syncAllPITTables()`

- We're using self made sql queries for cleaning up the database daily by
 - deleting empty sources groups
 - deleting empty sources stems
 - removing members without memberships from grouper_members table after a certain expiration period
- We're using Grouper Web Services for a NAGIOS check by
 - checking LDAP connection
 - checking database connection
 - checking the group size of crucial groups
 - checking if loader jobs were running
- We have been customizing the UIs by
 - fitting them to the corporate design
 - enabling gidNumber editing for unixGroups
 - displaying standard accounts different from nonstandard accounts
 - enabling German umlauts in incremental search
 - setting labels according to user requests
 - removing the "Lite UI" link as well as the "Browse folders" tile for non-admin users