Freie Universität Berlin Grouper Page

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
    - organzational 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