

# Grouper overall summary administrative report

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This topic is discussed in the "[Grouper Maintenance](#)" training video.

There is a Grouper report that you can have emailed to you daily, or you can run it manually from [GSH](#). This report shows a summary of the total state of your grouper installation (e.g. how many memberships/groups/etc, how many unresolvable subjects, etc), and it shows the status of the last day's worth of activity (e.g. how many new membership, how many [loader](#) errors).

To run this report from [GSH](#), just run this command: `GrouperReport.report()`;

e.g.

```
gsh 1% GrouperReport.report();
Grouper daily report

-----
OVERALL:
-----
environment:          DEV
memberships:          40
groups:               9

...

```

To have the report emailed to you, configure these parts of the `grouper.properties`:

```
# in cases where grouper is logging or emailing, it will use this to differentiate test vs dev vs prod
grouper.env.name = TEST
...

#smtp server is a domain name or dns name, must be simple clear text smtp with no authentication
#mail.smtp.server = whatever.school.edu

#leave blank if unauthenticated
#mail.smtp.user =

#leave blank if unauthenticated
#mail.smtp.pass =

#this is the default email address where mail from grouper will come from
#mail.from.address = noreply@school.edu

#this is the subject prefix of emails, which will help differentiate prod vs test vs dev etc
#mail.subject.prefix = TEST:

```

Then you can configure the relevant parts of the `grouper-loader.properties`:

```
#quartz cron-like schedule for daily grouper report, the default is 7am every day: 0 0 7 * * ?
#leave blank to disable this
daily.report.quartz.cron = 0 0 7 * * ?

#comma separated email addresses to email the daily report
daily.report.emailTo = mchyzer@isc.upenn.edu, mchyzer@yahoo.com

```

**Sample report:**

Note, it will also show (if applicable), up to 50 unresolvable subjects, all the loader jobs with errors, etc...

```
Grouper daily report

-----
OVERALL:
-----
environment:      DEV
memberships:     40
groups:          9
members:         16
folders:         4
unresolvable subjects: 0

-----
WITHIN LAST DAY:
-----
new memberships:  40
new groups:       9
updated groups:   0
new folders:      3

-----
LOADER SUMMARY WITHIN LAST DAY
-----
jobs:             4
successes:        3
errors:           0
unresolvable subjects: 0
inserts:          0
updates:          0
deletes:          0
processing time:  12,250ms

-----
LOADER JOBS NON-ERROR
-----
job:              MAINTENANCE_grouperReport (0 total count)
status:           SUCCESS, started: 2008-11-07 16:09:00.0 (9141ms)
inserts/updates/deletes: 0/0/0
unresolvable subjects: 0

job:              SQL_SIMPLE_faculty (12,324 total count)
status:           SUCCESS, started: 2008-11-07 13:10:00.0 (1340ms)
inserts/updates/deletes: 10/3/7
unresolvable subjects: 3

-----
GROUPER INFO
-----
version: 1.4.0 build date: null
os.name: Windows XP
os.arch: x86
os.version: 5.1
java.version: 1.5.0_11
java.vendor: Sun Microsystems Inc.
java.class.path: C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\build;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\activation.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\antlr.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\asm.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\asm-attrs.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\asm-util.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\backport-util-concurrent.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\bsh.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\c3p0.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\cglib.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-beanutils.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-betwixt.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-cli.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-collections.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-digester.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-lang.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-logging.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\commons-math.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\DdlUtils.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\dom4j.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
```

```
\grouper\lib\grouper\ehcache.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\hibernate.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\invoker.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\grouper\jakarta-oro.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\jsr107cache.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\jta.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\grouper\jug.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\log4j.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\mailapi.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\grouper\morphString.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\odmg.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\p6spy.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\grouper\quartz.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\smtp.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\subject.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\jdbcSamples\hsqldb.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\jdbcSamples\mysql-connector-
java-bin.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\jdbcSamples\ojdbc14.jar;C:\mchyzer\isc\dev\grouper-
qs-1.2.0\grouper\lib\jdbcSamples\postgresql.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\test\junit.jar;
C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\ant\ant-contrib.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0
\grouper\lib\grouper\commons-discovery.jar;C:\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\jamon.jar;C:
\mchyzer\isc\dev\grouper-qs-1.2.0\grouper\lib\grouper\ant.jar
heapSize: 6 MB
heapMaxSize: 63 MB
heapSizeFree: 1 MB

privileges.access.interface: edu.internet2.middleware.grouper.GrouperAccessAdapter
privileges.naming.interface: edu.internet2.middleware.grouper.GrouperNamingAdapter
privileges.access.cache.interface:
privileges.naming.cache.interface:
groups.wheel.use: true
groups.wheel.group: penn:etc:sysAdminGroup

source: id=pennperson name=Penn person class=GrouperJdbcSourceAdapter
source: id=g:gsa name=Grouper: Group Source Adapter class=GrouperSourceAdapter
source: id=g:isa name=Grouper: Internal Source Adapter class=InternalSourceAdapter
source: id=jdbc name=JDBC Source Adapter class=GrouperJdbcSourceAdapter
source: id=servPrinc name=Kerberos service principals class=GrouperJdbcSourceAdapter

hibernate.dialect: org.hibernate.dialect.Oracle10gDialect
hibernate.connection.driver_class: oracle.jdbc.driver.OracleDriver
hibernate.cache.provider_class: org.hibernate.cache.EhCacheProvider
```

## See also

[Grouper Diagnostics](#)

[Grouper Reports](#)