

# 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, how many "bad memberships", 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(isRunUnresolvableSubjectReport, isRunBadMembershipFinder);`

e.g.

```
gsh l% GrouperReport.report(true, true);
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 stmp 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

#days on which usdu should run with daily report (comma separated)
#blank means run never. e.g. to run on all days: monday, tuesday, wednesday, thursday, friday, saturday,
sunday
daily.report.usdu.daysToRun = monday, tuesday, wednesday, thursday, friday, saturday, sunday

#days on which bad membership finder should run with daily report (comma separated)
#blank means run never. e.g. to run on all days: monday, tuesday, wednesday, thursday, friday, saturday,
sunday
daily.report.badMembership.daysToRun = monday, tuesday, wednesday, thursday, friday, saturday, sunday

```

### Sample report:

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

```

Grouper daily report

-----
OVERALL:
-----
environment:          DEV
memberships:          40
groups:               9
members:              16
folders:              4
unresolvable subjects: 0
bad memberships:      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](#)