

# Grouper ESB connector configuration examples

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All configuration for the ESB link goes into grouper-loader.properties. You can have multiple instances of consumers and listeners, but be careful to keep ports, usernames etc. unique.

Example 1:

```
# sample configuration to send MEMBERSHIP_DELETE & MEMBERSHIP_ADD events to one port on an
# ESB, and MEMBERSHIP_DELETE, MEMBERSHIP_ADD, GROUP_DELETE & GROUP_ADD events to another by running 2
# changelog consumers
# this configuration is an example for directories which require the user DN to be present
# in an attribute on the group, and the group DN to be present in an attribute on the user
# Novell eDirectory and Microsoft Active Directory both need this for proper operation
changeLog.consumer.httpTest.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.EsbConsumer
changeLog.consumer.httpTest.elfilter = event.eventType eq 'MEMBERSHIP_DELETE' || event.eventType eq
'MEMBERSHIP_ADD'
changeLog.consumer.httpTest.publisher.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.
EsbHttpPublisher
changeLog.consumer.httpTest.publisher.url = http://localhost:4567
changeLog.consumer.httpTestGroup.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.EsbConsumer
changeLog.consumer.httpTestGroup.elfilter = event.eventType eq 'MEMBERSHIP_DELETE' || event.eventType eq
'MEMBERSHIP_ADD || event.eventType eq 'GROUP_DELETE' || event.eventType eq 'GROUP_ADD'
changeLog.consumer.httpTestGroup.publisher.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.
EsbHttpPublisher
changeLog.consumer.httpTestGroup.publisher.url = http://localhost:4568
```

Example 2:

```
# Sample configuration to sync to OpenLdap where only Group objects need to be changed. Note than
# in OpenLDAP a groupOfUnique names must have at lease one member, but this is not required to
# resolve to the DN of a real object
changeLog.consumer.httpOpenLdapTest.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.EsbConsumer
changeLog.consumer.httpOpenLdapTest.elfilter = event.eventType eq 'GROUP_DELETE' || event.eventType eq
'GROUP_ADD' || event.eventType eq 'MEMBERSHIP_DELETE' || event.eventType eq 'MEMBERSHIP_ADD'
changeLog.consumer.httpOpenLdapTest.publisher.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.
EsbHttpPublisher
changeLog.consumer.httpOpenLdapTest.publisher.url = http://localhost:4568
# next line consists of a list of additional subject attributes to send with each event, these
# attributes must be provided from the source
changeLog.consumer.httpOpenLdapTest.publisher.addSubjectAttributes = cardiffidmanaffiliation
```

Example 3:

```
# Sample config to run a server listening for incoming events from an ESB
esb.listeners.http.enable = false esb.listeners.http.port = 8443 esb.listeners.http.bindaddress = 127.0.0.1
esb.listeners.http.authConfigFile = /home/rob/Customers/Internet2/users
# ssl config parameters - see http://docs.codehaus.org/display/JETTY/How+to+configure+SSL for details
# of how to use certs in Jetty
esb.listeners.http.ssl.keystore = /home/rob/tests/keystore
esb.listeners.http.ssl.keyPassword = changeit
esb.listeners.http.ssl.trustStore = /home/rob/tests/keystore
esb.listeners.http.ssl.trustPassword = changeit
esb.listeners.http.ssl.password = changeit
```

Example 4:

```
# Sample config for sending events from Grouper to a recipient on and XMPP (Jabber) server
changeLog.consumer.xmppTest.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.EsbConsumer
changeLog.consumer.xmppTest.elfilter = event.eventType eq 'GROUP_DELETE' || event.eventType eq 'GROUP_ADD' ||
event.eventType eq 'MEMBERSHIP_DELETE' || event.eventType eq 'MEMBERSHIP_ADD'
changeLog.consumer.xmppTest.publisher.class = edu.internet2.middleware.grouper.changeLog.esb.consumer.
EsbXmppPublisher
changeLog.consumer.xmppTest.publisher.server = 10.0.0.147
changeLog.consumer.xmppTest.publisher.port = 5222
changeLog.consumer.xmppTest.publisher.username = grouper
changeLog.consumer.xmppTest.publisher.password = grouper
changeLog.consumer.xmppTest.publisher.recipient = rob@procopius
changeLog.consumer.xmppTest.publisher.addSubjectAttributes = cardiffidmanaffiliation
```

#### Example 5:

```
# Sample config to run a client that will monitor an XMPP server for events (messages) sent
# from a certain address and process them
esb.listeners.xmpp.enable = true esb.listeners.xmpp.server = 10.0.0.147
esb.listeners.xmpp.port = 5222 esb.listeners.xmpp.username = grouper
esb.listeners.xmpp.password = grouper esb.listeners.xmpp.sendname = rob@procopius
```