

Edit Solr context configuration file to add filter by IP address

```
nano -w /etc/solr/solr-tomcat.xml [8.1.9]

...
<Valve className="org.apache.catalina.valves.RemoteAddrValve"
allow="127\.\0\.\0\.\1,150\.\145\.\48\.\45,2a00\:\:1620\:\:0\:\:0\:\:0\:\:0\:\:45,0\:\:0\:\:0\:\:0\:\:0\:\:0\:\:1,150\.\
145\.\48\.\41,2a00\:\:1620\:\:0\:\:0\:\:0\:\:0\:\:0\:\:41,2a00\:\:1620\:\:0\:\:1234.*"/>
...
```

Start Solr by tomcat manager web page.

Ubuntu package installation parameters:

- conf files location

```
/usr/share/solr/conf -> /etc/solr/conf
```

- home directory

```
cat /etc/solr/solr-tomcat.xml [8.1.9]

...
<Environment name="solr/home" type="java.lang.String" value="/usr/share/solr" override="true"/>
...
```

## 3.6 Fedora Generic Search Service 2.2

### • Installation

```
wget http://downloads.sourceforge.net/fedora-commons/genericsearch-2.2.zip
unzip genericsearch-2.2.zip
cp genericsearch-2.2/fedoragsearch.war /var/lib/tomcat6/webapps/
```

### • Properties

```
cd /var/lib/tomcat6/webapps/fedoragsearch/WEB-INF/classes
mv configDemoOnSolr/ config
cd config
nano -w fedoragsearch.properties [8.1.10]

fedoragsearch.soapBase      = http://fc1.to.cnr.it:8080/fedoragsearch/services
fedoragsearch.soapUser     = fedoraAdmin
fedoragsearch.soapPass     = password
fedoragsearch.repositoryNames = gsearch_solr
fedoragsearch.indexNames  = gsearch_solr
```

### • Repository

```
cd repository
mv DemoAtDtu gsearch_solr
cd gsearch_solr /var/log/apt/history.log.3.gz
nano -w repository.properties [8.1.11]

fgsrepository.repositoryName = gsearch_solr
fgsrepository.fedoraSoap     = http://fc1.to.cnr.it:8080/fedora/services
fgsrepository.fedoraUser     = fedoraAdmin
fgsrepository.fedoraPass     = password
fgsrepository.fedoraObjectDir = /srv/storage/data/objectStore
```

### • Index

```
cd ../..
cd index
mv DemoOnSolr/ gsearch_solr
cd gsearch_solr
nano -w index.properties [8.1.12]

fgsindex.indexName      = gsearch_solr
fgsindex.indexBase      = http://fc1.to.cnr.it:8080/solr
fgsindex.indexDir       = /srv/storage/solr/data/index
```

Remove test condition

```
nano -w demoFoxmlToSolr.xslt [8.1.15]

<!-- <xsl:if test="starts-with($PID,'demo')"> -->
<xsl:apply-templates mode="activeDemoFedoraObject"/>
<!-- </xsl:if> -->
```

add indexing of DSID RELS\_EXT, OCR and OBJ