

# SHRINE 3.0.0 Upgrade Chapter 6 - Install SHRINE Lucene Index Files

Before downloading and unzipping the Lucene index files, be sure you have at least 2.5 GB available.

Change directory to `/opt/shrine/tomcat/lib`. Download and unpack the Lucene index archive files. Be sure to set the user and group ownership of the Lucene index files to the account that is running the SHRINE application (by default, this should be the "shrine" user). Finally, clean up the zip files. Remember that everything in `/opt/shrine` must have the user and group ownership set to the shrine user.

```
cd /opt/shrine/tomcat/lib

wget https://shrine-act-artifacts.s3.amazonaws.com/lucene-indices/lucene_index-2.0.1-cov3-07-14-2020.zip -O
lucene_index.zip
wget https://shrine-act-artifacts.s3.amazonaws.com/lucene-indices/suggest_index-2.0.1-cov3-07-14-2020.zip -O
suggest_index.zip

unzip lucene_index.zip
unzip suggest_index.zip

chown -R shrine:shrine lucene_index
chown -R shrine:shrine suggest_index

rm lucene_index.zip suggest_index.zip
```

**Note:** If your system uses a different directory other than `/opt/shrine/tomcat/`, then it is recommended to make the following change below to your shrine.conf. This will help the Shrine locate the the lucene\_index files. By default the system looks for the lucene\_index in the `/opt/shrine/tomcat/lib` directory.

```
lucene {
  directory = "/path to shrine/tomcat/lib/lucene_index"
  maxSearchResults = 200
  suggestDirectory = "/path to shrine/tomcat/lib/suggest_index"
  suggestCount = 5
}
```

Not doing this will result in the following webclient error: Error connecting to: "https://shrinehost/shrine-api/ontology/filterOptions"