Upgrading From 1.2 to 1.2.1

In the notes below `[dspace]` refers to the install directory for your existing DSpace installation, and *[dspace-1.2.1-source]* to the source directory for DSpace 1.2.1. Whenever you see these path references, be sure to replace them with the actual path names on your local system.

Upgrade Steps

The changes in 1.2.1 are only code changes so the update should be fairly simple.

1. Get the new DSpace 1.2.1 source code from the DSpace page on SourceForge and unpack it somewhere. Do not unpack it on top of your existing installation!!
2. Copy the PostgreSQL driver JAR to the source tree. For example:

```
cd  [dspace]/lib
cp postgresql.jar  [dspace-1.2.1-source]/lib
```

3. Take down Tomcat (or whichever servlet container you're using).
4. Your 'localized' JSPs (those in jsp/local) now need to be maintained in the *source* directory. If you have locally modified JSPs in your *[dspace]/jsp/local* directory, you might like to merge the changes in the new 1.2.1 versions into your locally modified ones. You can use the *diff* command to compare the 1.2 and 1.2.1 versions to do this. Also see the version history for a list of modified JSPs.
5. You need to add a few new parameters to your *[dspace]/dspace.cfg* for browse/search and item thumbnails display, and for configurable DC metadata fields to be indexed.

```
# whether to display thumbnails on browse and search results pages
        (1.2+)
webui.browse.thumbnail.show = false

# max dimensions of the browse/search thumbs. Must be <=
        thumbnail.maxwidth
# and thumbnail.maxheight. Only need to be set if required to be
        smaller than
# dimension of thumbnails generated by mediafilter (1.2+)
#webui.browse.thumbnail.maxheight = 80
#webui.browse.thumbnail.maxwidth = 80

# whether to display the thumb against each bitstream (1.2+)
webui.item.thumbnail.show = true

# where should clicking on a thumbnail from browse/search take the
        user
# Only values currently supported are "item" and
        "bitstream"
#webui.browse.thumbnail.linkbehaviour = item


 ##### Fields to Index for Search #####

# DC metadata elements.qualifiers to be indexed for search
# format: - search.index.[number] = [search field]:element.qualifier
#         - * used as wildcard

###      changing these will change your search results,     ###
###  but will NOT automatically change your search displays  ###

search.index.1 = author:contributor.*
search.index.2 = author:creator.*
search.index.3 = title:title.*
search.index.4 = keyword:subject.*
search.index.5 = abstract:description.abstract
search.index.6 = author:description.statementofresponsibility
search.index.7 = series:relation.ispartofseries
search.index.8 = abstract:description.tableofcontents
search.index.9 = mime:format.mimetype
search.index.10 = sponsor:description.sponsorship
search.index.11 = id:identifier.*
```

6. In *[dspace-1.2.1-source]* run:

```
ant -Dconfig= [dspace]/config/dspace.cfg update
```

7. Copy the *.war* Web application files in *[dspace-1.2.1-source]/build* to the *webapps* sub-directory of your servlet container (e.g. Tomcat). e.g.:

```
cp  [dspace-1.2.1-source]/build/*.war
        [tomcat]/webapps
```

   If you're using Tomcat, you need to delete the directories corresponding to the old *.war* files. For example, if *dspace.war* is installed in *[tomcat] /webapps/dspace.war*, you should delete the *[tomcat]/webapps/dspace* directory. Otherwise, Tomcat will continue to use the old code in that directory.
8. Restart Tomcat.