Major Upgrade

An upgrade to DreamApps installation is called a major upgrade, when there has been significant changes in database structure and/or engine features. The process involves the following steps.

Affected Items

Apart from the database itself, a major upgrade will affect the following folders:

html/
WEB-INF/lib/
WEB-INF/reports/
WEB-INF/resource/

and may optionally affect the following files and folders:

WEB-INF/classes/
WEB-INF/da.globals
WEB-INF/web.xml

It has no effects on custom, creports, assets, data, chtml and docs folders as they contain only custom items.

The Upgrade

The upgrade usually comes in two zip files, **WEB-INF.zip** and **html.zip**. Copy these from workshop into the respective folders: html.zip /usr/tomcat/webapps/da
WEB-INF.zip /usr/tomcat/webapps/da/WEB-INF

The Process

1. Take a database backup (Please see: PostgreSQL - Dumping and Restoring Data) and bring it to your own system or another server using sftp (probably, FileZilla). If not feasible, copy the zipped backup into **/root** folder (for Linux) or the Desktop (for Windows).
2. Take a backup of the entire system by zipping the folder da to **da.zip** and then setting it aside to **/root** folder (for Linux) or the Desktop (for Windows). It is also advisable to separately copy **da.globals** to a convenient place so that you don't have to open the entire archive, in case you need to compare it with the new file later.

```
cd /usr/tomcat/webapps
zip -r /root/da.zip da
cp da/WEB-INF/da.globals /root
```

1. Delete the folders **html/**, **WEB-INF/lib/**, **WEB-INF/reports/** and **WEB-INF/resource/**. You must delete them totally or otherwise results could be unpredictable.

```
cd /usr/tomcat/webapps/da
rm -rf html
rm -rf WEB-INF/lib
rm -rf WEB-INF/resource
rm -rf WEB-INF/reports
```

1. Copy **html.zip** into folder **da/** and extract it there, overwriting whatever that may come in it's way.

```
cd /usr/tomcat/webapps/da
unzip html.zip
```

1. Copy **WEB-INF.zip** into folder **da/WEB-INF/** and extract it there, overwriting whatever that may come in it's way.

```
cd /usr/tomcat/webapps/da/WEB-INF
unzip WEB-INF.zip
```

1. Check **da.globals** to reinsert custom parameters, if any, by comparing it with the old one.
2. Restart tomcat.
3. Run initdb with option **Upgrade All Tables**.
4. Log in to any one of the businesses and set **portal?page=catest** in the URL to bring up Test page. In Method field, enter **call caupgrade54** and then click on Run.
5. Logout and restart tomcat.