**MoDaC DEV Deployment Steps**

## **Deploying on the MoDaC Development server**

* Login to the MoDaC server

ssh fsdsgl-modac01d.ncifcrf.gov

* Stop tomcat:

sudo systemctl stop tomcat

* Switch to the MoDaC test read/write service account:

sudo su – ncidoesvct2

* Cd to the base directory:

cd /opt/nci-doe/nci-doe-data-sharing

* + Get the latest code:

git pull

* + If this is first time checkout for a new branch, then switch to the new branch:

git reset --hard origin/<branch name>

Example: git reset –hard origin/v2.3

git checkout <branch name>

Example: git checkout v2.3

* Copy the configuration file:

cp /opt/nci-doe/dev-env.conf /opt/nci-doe/nci-doe-data-sharing/src/main/resources/appconfigs

* Cd to the base directory:

cd /opt/nci-doe/nci-doe-data-sharing/

* Do maven build:

mvn clean install -DskipTests -Pdev

* Copy the war file to the tomcat webapps directory naming it with extension *.staged*:

cp /opt/nci-doe/nci-doe-data-sharing/target/web-doe-<war\_file\_version>.war /usr/share/tomcat/webapps/ web-doe-<war\_file\_version>.war.staged

* Do these two steps only when doing a first time build for a new branch. Else, skip them.
  + Cd to tomcat config directory:

cd

* + E
* Cd to tomcat webapps directory:

cd /usr/share/tomcat/webapps

* Remove the old war and the corresponding directory

rm web-doe-<old\_war\_file\_version>.war

rm -rf web-doe-<old\_war\_file\_version>/

* Rename the staged file to the original name:

mv web-doe-<war\_file\_version>.war.staged web-doe-<war\_file\_version>.war

* Exit out of the service account and start tomcat:

exit

sudo systemctl start tomcat

* Access the app from the URL <https://fsdsgl-modac01d.ncifcrf.gov/>

## Accessing Tomcat logs

* Login into the MoDaC server.
* Switch to MoDaC test service account:

sudo su – ncidoesvct2

* Cd to the tomcat logs directory:

cd /usr/share/tomcat/logs/

* Access the tomcat logs in the file catalina.out

## Accessing gunicorn logs

* Login into the MoDaC server.
* Switch to MoDaC test service account:

sudo su – ncidoesvct2

* Cd to the var log path:

Cd /var/log

* Access the logs in the file messages

## Tomcat and gunicorn commands

Make sure you are logged in as yourself

* To start tomcat:

sudo systemctl start tomcat

* To stop tomcat:

sudo systemctl stop tomcat

* To restart tomcat:

sudo systemctl restart tomcat

* To start gunicorn:

sudo systemctl start gunicorn

* To stop gunicorn:

sudo systemctl stop gunicorn

* To restart gunicorn:

sudo systemctl restart gunicorn