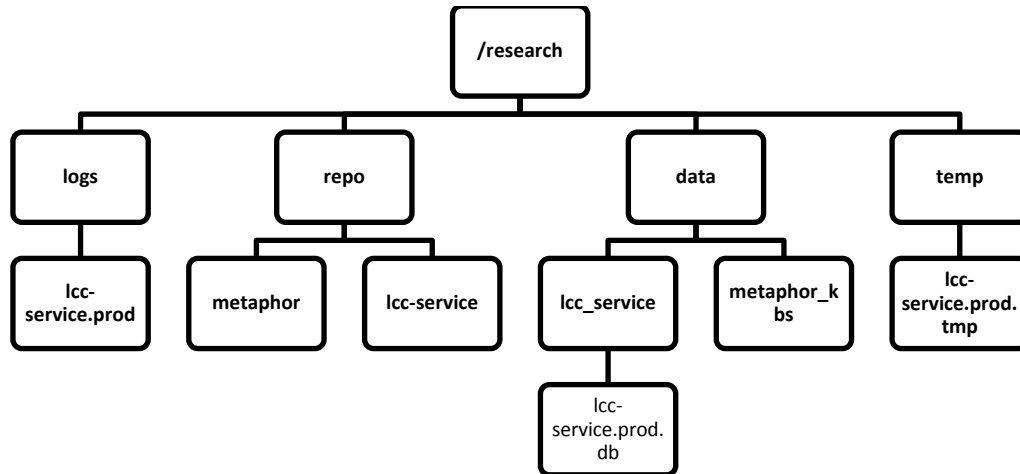# Lcc-Service

The following instructions assume prior installation of Metaphor-ADP and other external programs and softwares successfully. Try to install the service so that the directory tree structure looks like below (Need to create all the directories):

- **Clone the Metaphor-ADP repository at /research/repo/metaphor** from https://github.com/isi-metaphor/Metaphor-ADP
- **Clone the lcc-service repository at /research/repo/lcc-service** from https://github.com/isi-metaphor/lcc-service
- **Go to the fab folder and edit config.prod.json file**

Line Number	Key	Value
3	"ROOT"	"full-path-to-/research/repo/lcc-service"
5	"ADMIN_NAME"	"Admin Name"
6	"ADMIN_EMAIL"	"Admin Email"
9	"DJANGO_DB_NAME"	"Full-path-to-/research/data/lcc_service/lcc-service.prod.db" (create an empty file lcc-service.prod.db here)
14	"NGINX_LOG_ACCESS"	"Full-path-to-/research/logs/lcc-service.prod/nginx.access.log"
15	"NGINX_LOG_ERROR"	"Full-path-to-/research/logs/lcc-service.prod/nginx.error.log"
17	"LOGGING_REQUESTS_FILE"	"Full-path-to-/research/logs/lcc-service.prod/app.requests.log"
18	"LOGGING_DJANGO_FILE"	"Full-path-to-/research/logs/lcc-service.prod/app.django.log"
19	"LOGGING_PIPELINE_FILE"	"Full-path-to-/research/logs/lcc-service.prod/app.pipeline.log"
21	"LOGGING_UWSGI_FILE"	"Full-path-to-/research/logs/lcc-service.prod/uqsgi.log"
24	"METAPHOR_DIR"	"Full-path-to-/research/repo/metaphor"
25	"HENRY_DIR"	"Full-path-to-henry-directory"
26	"BOXER_DIR"	"Full-path-to-boxer-directory"
27	"TMP_DIR"	"Full-path-to-/research/temp/lcc-service.prod.tmp

28	"GUROBI_HOME"	"Full-path-to-Gurobi-linux-installation"
29	"GRB_LICENSE_FILE"	"Full-path-to-Gurobi-License-File"
30	"CPLUS_INCLUDE_PATH"	"/usr/include/python2.7:${GUROBI_HOME}/include"
34	"UPLOADS_DIR"	"Full-path-to-/research/data/metaphor_kbs"

- **Install packages in the requirements.txt file at** https://github.com/isi-metaphor/lcc-service/blob/master/requirements.txt
- **Edit fabfile.py**

Line Number	Changes (To run as local service)
42	Edit user name
179	Replace the function call server() by run_local()
Line Number	**Changes (To run on a server)**
48	Edit server host string
49	Edit user name
50	Give path to the private key

- **To deploy**

  cd lcc-service

  fab proddeploy()

  (*If deployment is successful, create db*)

  python manage.py syncdb

  (*you will be asked to create a username and password for web-service access*)

- **To run the web service**

  python manage.py runserver 0.0.0.0:8000 –settings=lccsrv.settings