Provaas System Installation Instructions

The docker image can be downloaded via the link below or docker should automatically download it when you try the run command
https://hub.docker.com/r/akinakyuz/provaas-v1.1/

Steps

1. Start the docker image with the following options
   docker run -it --entrypoint=/bin/bash -p 7474:7474 -p 5000:5000 akinakyuz/provaas-v1.1

2. The run command above will immediately open a bash command prompt inside the docker container. Use the commands below to run the apache,neo4j services and the provaas application.
   sh ~/run_provaas.sh

3. Inside the docker container, test the server to see the "hello world" output if everything is ok inside the docker container
   curl 127.0.0.1:5000/provenance/test

4. Now you can insert your requests, outside the docker container, using the syntax below:

   curl -u akin:akin -i -H "Content-Type: application/json" -X POST -d '{"wasGeneratedBy": {"_:wGB113384": {   "prov:activity": "foundry:ac_1",   "prov:entity": "foundry:en_2"   } }, "entity": {   "foundry:en_1": {   "foundry:label": {   "type": "xsd:string",   "$": "NODC:gov.noaa.nodc:7700530"   },   "foundry:creationTime": {   "type": "xsd:string",   "$": "2015-02-27T03:48:12Z"   },   "foundry:version": {   "type": "xsd:string",   "$": "1.0"   },   "foundry:sourceId": {   "type": "xsd:string",   "$": "cinergi-0006"   },   "foundry:UUID": {   "type": "xsd:string",   "$": "ee157270d-6380-4a1f-9530-2751a8aaf8cb"   } },   "foundry:en_2": {   "foundry:label": {   "type": "xsd:string",   "$": "NODC:gov.noaa.nodc:7700530"   },   "foundry:creationTime": {   "type": "xsd:string",   "$": "2015-02-28T07:34:56Z"   },   "foundry:version": {   "type": "xsd:string",   "$": "1.1"   },   "foundry:UUID": {   "type": "xsd:string",   "$": "gov.noaa.nodc:7700530"   } } }, "prefix": {   "xsd": "http://www.w3.org/2001/XMLSchema",   "prov": "http://www.w3.org/ns/prov#",   "foundry": "http://example.org" }, "used": {   "_:u113384": {   "prov:activity": "foundry:ac_1",   "prov:entity": "foundry:en_1"   } }, "activity": {   "foundry:ac_1": {   "prov:type": {   "type": "xsd:string",   "$": "ingestion"   },   "prov:startTime": "2015-02-28T07:34:56Z",   "prov:endTime": "2015-02-28T07:34:56Z",   "prov:how": {   "type": "xsd:string",   "$": "Added document with uuid gov.noaa.nodc:7700530"   }   } }}' http://192.168.99.101:5000/provenance/

*The text in red should be changed with your custom values (e.g. 192.168.99.101 is the ip of the docker image that is used to access it from the host machine)