

PyTango – jupyTango workshop prerequisites

The following steps take some time to complete. If you intend following along, please do them **before** the workshop.

General

Install Docker Compose:

<https://docs.docker.com/compose/install/>

PyTango

Clone the PyTango repo

```
$ mkdir /your/path/tango-workshop
$ cd /your/path/tango-workshop/

$ git clone git@gitlab.com:tango-controls/pytango.git
Or
$ git clone https://gitlab.com/tango-controls/pytango.git
```

Create the Docker compose network (may need `sudo`)

```
$ docker network create pytango-training-net
```

Start the docker-compose services so that the container images are downloaded

```
$ cd pytango/examples/training
$ docker-compose up
```

Stop the containers with:

```
CTRL + C
```

Remove the containers (not the images) with:

```
$ docker-compose down
```

jupyTango

Clone the jupyTango repo

```
|
```

```
$ cd /your/path/tango-workshop/

$ git clone git@gitlab.com:tango-controls/jupyterango.git
Or
$ git clone https://gitlab.com/tango-controls/jupyterango.git
```

Build the Docker image

```
$ cd docker/
```

```
$ docker build -t jupyterango:1.0.0 .
```

Create the Docker compose network (may need `sudo`)

```
$ docker network create jupyterango-net
```

Start the docker-compose services so that the container images are downloaded

```
$ docker-compose up
```

Stop the containers with:

```
CTRL + C
```

Remove the containers (not the images) with:

```
$ docker-compose down
```