

CTA dev. environment on cta08

Thomas Vuillaume

July 2019

- Common dev. environment on a machine installed on MUST = cta08
- Connection with your LAPP LDAP account:

```
ssh username@lapp-cta08
```

From outside LAPP:

```
ssh -J username@lapps17.in2p3.fr username@lapp-cta08
```

- `/data/data_analysis_env/`
- `source /data/data_analysis_env/stackyter_env.sh`
- `conda environment cta-dev`
 - `ctapipe`
 - `lstchain`
 - `ctaplot`
 - `hipeCTA`

- Use stackyter for remote interactive (jupyter notebook) analysis

```
pip install https://github.com/nicolaschotard/stackyter/archive/master.zip
```

- Create and edit ~/.stackyter-config.yaml :

```
{  
  'default_config': 'cta08',  
  
  'cta08': {  
    'host': 'lapp-cta08.in2p3.fr',  
    'jupyter': 'notebook',  
    'username': vuillaume,  
    'mysetup': '/data3/cta/data/data_analysis_env/stackyter_env.sh',  
    'workdir': '/data3/cta/data/',  
  }  
}
```

Change these with yours

```
stackyter.py -c cta08
```

- Hint: you can add 'workdir': 'path' to the config to start the notebook elsewhere (check stackyter options)
- And use your own config...