

CUBEVIZ

Install Apache/PHP:

- `sudo apt-get install apache2`
- `sudo apt-get install libapache2-mod-php5 php5`
- `sudo apt-get install php5-odbc`
- `sudo a2enmod rewrite`
- `sudo gedit /etc/apache2/sites-enabled/000-default` (the `/var/www`, should be identical of the text below):

```
DocumentRoot /var/www
<Directory />
    Options Indexes FollowSymLinks MultiViews
    AllowOverride all
    Order allow,deny
    allow from all
</Directory>
<Directory /var/www/>
    Options Indexes FollowSymLinks MultiViews
    AllowOverride all
    Order allow,deny
    allow from all
</Directory>
```

- `sudo service apache2 restart`
- on browser (<http://localhost>) and check if apache loaded
- `sudo gedit /var/www/teste.php` (put the code below):

```
<?php phpinfo(); ?>
```
- on browser (<http://localhost/teste.php>) and check if php works fine

Install Ontowiki:

- Download ontowiki:
<https://github.com/AKSW/cubeviz.ontowiki/raw/v0.6/deployment/generated-packages/ontowiki-cubeviz.tar.gz>
- `cd /var/www`
- `sudo cp .../ontowiki-cubeviz.tar.gz .`
- `sudo tar -zxvf ontowiki-cubeviz.tar.gz`

Install Virtuoso:

- sudo apt-get install virtuoso-server (put a password)
- sudo apt-get install virtuoso-vad-conductor
- on browser (<http://localhost:8890>) and check if virtuoso's page opened
- sudo gedit /etc/virtuoso-opensource-6.1/virtuoso.ini
- Search the line DirsAllowed, and append the location of the ontowiki, for exemple: “, /var/www/ontowiki-cubeviz/”
- sudo /etc/init.d/virtuoso-opensource-6.1 restart
- on browser (<http://localhost:8890>) and check if the virtuoso's page opened

Install Cubeviz:

- cd /var/www/ontowiki-cubeviz
- sudo gedit config.ini (find and update the password, this password is the same that you put in virtuoso)
- cd extensions
- Download cubeviz:
<https://github.com/AKSW/cubeviz.ontowiki/raw/v0.6/deployment/generated-packages/cubeviz.tar.gz>
- sudo cp .../cubeviz.tar.gz .
- sudo tar -zxvf cubeviz.tar.gz

Test Cubeviz:

- On browser (<http://localhost/ontowiki-cubeviz>), it will open Cubeviz page
- Login:dba, and password is the password that you put in config.ini
- Click on edit/Create Knowledge Base
- Choose an URI, and on location put the following link:
<https://github.com/AKSW/cubeviz.ontowiki/raw/v0.6/assets/exampleCube.ttl>
- Click on Create Knowledge Base
- Enjoy