1. Requirements and Installation

2. Usage

Design Template Configuration file Factorial configurations

```
Run: python XilinxSynt.py configuration.xml
```

For instance:

```
ILYA@ILYA-PC /cygdrive/c/Release/FactorialDesign/Python $ python XilinxSynt.py ./Configs/config_MC8051.xml
```

Wait for completion, for monitoring refer to monitoring module.

Main Results (implementation properties):

```
summary_power_estimated (.csv/.xml)
summary_power_simulated (.csv/.xml)
config_pattern.xml – for later use by SBFI tools
Per-configuration results
```

```
./design_dir/design_label_[Index]/netgen/
./Log/
./par/
./map/...
./synthesis/...
```

User Interface: monitoring module



If the connection status is 'Disconnected' – click the switchbox, once connected it will be highlighted in green. If the connection status is 'Connection error' – check that you are using Firefox browser; otherwise make this folder accessible for web-server (DocumentRoot attribute in httpd.conf for apache), so you can use any web-browser in this case.



Result in *.csv format

Result in *.xml format

