

Dependencies

Linux and Python 2 is used!

```
$ sudo apt install python-pip
$ pip install numpy
$ pip install python-graph-core
$ sudo apt-get install libgraphviz-dev
$ pip install pygraphviz
$ sudo apt-get install libglib2.0-dev
```

Now go to AcaciaPlus-v2.3 folder and run command

```
$ make install
```

Usage

Examples are taken from examples/ folder

```
$ python acacia_plus.py -L examples/demo-lily/demo-v1.ltl -P examples/demo-lily/demo-v1.part
$ python acacia_plus.py -L examples/buffer/gb_s2_r2.ltl -P examples/buffer/gb_s2_r2.part
```

Content of .ltl and .part files

```
$ cd examples/demo-lily/
$ cat demo-v10.ltl
$ cat demo-v10.part
```

demo-v10.ltl

```
(G(F(req=1)) + F(cancel=1)) -> (G(F(grant=1)) + G(ack=1));
```

demo-v10.part

```
.inputs req cancel
.outputs grant ack
```