

Testing Mist

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1. Wednesday, 29 October 2014

1.1. I installed misti in my computer

Following the steps given on the README I executed the followed commands:

1. `./autogent.sh.`

Executed without problems

2. `./configure.`

Executed without problems

3. `make.`

It trhows an error because the command `yacc` was not found.

I installed the package *bison* which includes this command and repeat this step.

Now, it seems to work.

4. `make install`

Although this step is optional I did it to check if all works fine.

Throws a permission denied error.

I executed this command again with superuser privileges and it seem to work.

Note: For some commands it didn't do anything:

- `install-data-am`
- `install-exec-am`
- `install-data-am`

1.2. Testing program

I wrote a python script which takes all the files in the folder given as argument with extension `.spec` and uses mist over them.

Right now the script seems to work but I'm not sure about how do I have to interpret the output to recognise when the targe has been reached or not.

2. Thursday, 30 October 2014

2.1. Analyzing the output

I take a look at <http://www.ulb.ac.be/di/ssd/ggeeraer/eec/tableau/> and I found some differences between the results given there and results obtained in my computer. For example:

- The example **Java** is said to be not safe in the table but when I executed the tool with it the output says:
"EEC concludes safe with the abstraction"
"backward algorithm concludes unsafe"
"TSI concludes safe"
- The example **MOESI** is said to be safe but when I executed it in my computer I obtained:
"Cannot assign non null value to a variable in transition 5"
for any algorithm used.

2.2. Running all tests

After see this I modified my script to take the conclusions given by each algorithm for each test given in the folder 'examples'. After check with some examples that the script seems to work, I let the computer working all night.