

# Work Log for August

Logan Brown

August 27, 2014

## 1 Week of August XXth-YYth

### 1.1 Goals for the Week

*Goals for the Week*

1. Ubuntu Installation
2. Install PSUADE
3. Install DAKOTA

### 1.2 Progress / Notes

#### 1.2.1 Ubuntu

Advantages: Faster than the VM or cygwin, better for installing packages. More likely to succeed when trying things such as the DAKOTA Library Mode, or when adding the PSUADE onto the DIEL.

Disadvantages: Took some time to finish the installation. will be a brief adjustment.

The install was successful. All of my work logs and important information was cloud saved, in dropbox and skydrive, so it should all be readily accessible.

#### 1.2.2 PSUADE

Installed psuade using the instructions in psuade.tex / psuade.pdf

1. tar xzvf PSUADE.tar.gz
2. cd PSUADE\_1.6.0
3. mkdir build; cd build
4. cmake .. &> cmake.output &
5. make &> make.output &

Also set up the PATH and LD\_LIBRARY\_PATH

### 1.2.3 DAKOTA

I have all the prerequisites except for boost\_regex.so.1.49.0

```
sudo apt-get install libboost-all-dev got boost_regex.so.1.53.0
```

### 1.3 Goals for next Week

1. Put these worklogs in the GitHub and send to Kwai
2. Get DAKOTA running
3. See if I can get Source Dakota running (do not devote toooo much time to this)
4. Get some hard data from a PSUADE example