Assignment 1

(Due 15.04.2014)

**• Linux basics**

• What command should be used to change to the /usr/bin directory?

• mv /usr/bin

• ls /usr/bin

• cp /usr/bin

• cd /usr/bin

• What command should be used to list the contents of the /home directory?

• ls /home

• cp /home

• mv /home

• cd /home

• What command should be used to copy recursively the contents of the /home/source directory to the /home/test directory?

• cp /home/source /home/test

• nano /home/source /home/test

• ls /home/source /home/test

• cp -R /home/source /home/test

• What command should be used to move the /home/app directory to the /var directory?

• rm /home/app /var

• mv /home/app /var

• cp /home/app /var

• pwd /home/app /var

• What command should be used to remove the /home/file.txt file?

• mv /home/file.txt

• rm /home/file.txt

• cp /home/file.txt

• rsync /home/file.txt

• What command can be used to open the /home/file.txt for editing?

• rm /home/file.txt

• git /home/file.txt

• nano /home/file.txt

• touch /home/file.txt

• On a default Ubuntu installation what command should be used for installing git?

• npm install git

• apt-get install git

• gem install git

• yum install git

• What command can be used to display the current directory?

• mv

• cp

• ls

• pwd

• What is the most commonly used directory for the users file in Linux?

• /home/user

• /var/user

• /tmp/user

• /usr/user

• In which directory are most commonly located Linux program executables?

• /var/log

• /usr/bin

• /home/user

• /etc/

• Which directory is most commonly used for storing configuration settings in Linux?

• /var/lib

• /usr/lib

• /etc

• /usr/bin

• What is the most common scenario when compiling programs from source?

• ./configure; make; make install

• make; ./configure; make insall

• make install; make; ./configure

• make install; ./configure; make

**• Git basics**

**• What git command is used to clone a git repository?**

**• git pull**

**• git fetch**

**• git clone**

**• git init**

**• What command should be used to setup a local git repository?**

**• git new**

**• git install**

**• git init**

**• git branch**

**• What command should be used to add files to be commited in the next git commit?**

**• git add**

**• git fetch**

**• git store**

**• git pull**

**• What command should be used to commit changes to a local git repository?**

**• git set**

**• git push**

**• git add**

**• git commit**

**• What command should be used to push changes to a remote git branch?**

**• git fetch**

**• git push**

**• git install**

**• git init**

**• Node.js basics**

**• What is the name of the most commonly used node package manager?**

**• gem**

**• pear**

**• pip**

**• npm**

**• What command should be used to install a node package locally?**

**• npm update -g package**

**• npm fetch package**

**• npm install -g package**

**• npm install package**

**• What command should be used to update the local node packages?**

**• npm update -g package**

**• npm update package**

**• npm checkout package**

**• npm -g checkout package**

**• What is the most common way for managing project package dependencies?**

**• Describe all the packages in a text file and insall the manually**

**• Create an automated script which runs all the necessary commands to install the packages**

**• Put all the dependencies in a package.json file and let npm do the work**

**• Put all the dependencies in the Documentation of the project**

**• What command should be used to start the server.js server?**

**• node start server.js**

**• node server.js**

**• node serve server.js**

**• node deploy server.js**