UND BD Summit

und-hackathon-base-2 (Ubuntu 14.04)
141.142.210.102

apt-get update -y

java
add-apt-repository ppa:webupd8team/java
apt-get update-y
apt-get install oracle-java8-installer

python
apt-get install -y python3-pip

jupyter
pip3 install jupyter

numpy
http://www.scipy.org/install.html
sudo apt-get install python-numpy python-scipy python-matplotlib ipython ipython-notebook python-pandas python-sympy python-nose

GDAL
http://www.gdal.org/
apt-get install -y gdal-bin libgdal1h libgdal1-1.10.1-grass libgdal-dev libgdal-doc libgdal-java libgdal1-dev libgdal-perl dans-gdal-scripts python-gdal python3-gdal

libgeotiff
http://trac.osgeo.org/geotiff/
apt-get install -y geotiff-bin libgeotiff2 libgeotiff-dev

ImageMagick
http://www.imagemagick.org/script/index.php
apt-get install -y imagemagick --fix-missing
apt-get install -y libjmagick6-java libjmagick6-jni python-pythonmagick python-sorl-thumbnail python-vipscc python-wand python3-wand

TileMill
https://www.mapbox.com/tilemill/
wget http://tilemill.s3.amazonaws.com/latest/install-tilemill.tar.gz

x2go
http://wiki.x2go.org/doku.php/wiki:repositories:debian

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apt-get install python-software-properties
apt-get update
apt-get install x2goserver x2goserver-xsession
apt-get install kubuntu-desktop
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Landsat 5 data
/data/landsat5
Created bulk order via EarthExplorer and downloaded vi BDA
Scene list is in /data/landsat5/landsat5_scenes.txt