Installation Guide

This section represents how to install and setup the Hivemind package on a distributed cluster. The installation process checks to make sure user’s system meets the minimum system requirements (NetworkX and mpi4py) needed to run Hivemind. If they are not met, the missing packages will be installed first.

Before installing Hivemind, install Anaconda (Python 2.7 for Linux x64) and create a virtual environment (replace <name> with an appropriate title):

1. Download from <https://www.continuum.io/downloads>
2. bash Anaconda2-4.0.0-Linux-x86\_64.sh
3. conda create --name <name> mpi4py
4. source activate <name>
5. pip install networkx fuzzywuzzy python-Levenshtein

The installation process:

1. Clone the repo via SSH or HTTPS (we must ignore cert errors on ARC)

git clone ssh://git@altssh.bitbucket.org:443/amirbahmani/elasticmedflow  
  
GIT\_SSL\_NO\_VERIFY=true git clone https://<USER>@bitbucket.org/amirbahmani/elasticmedflow

1. cd elasticmedflow/Team29
2. python setup.py install