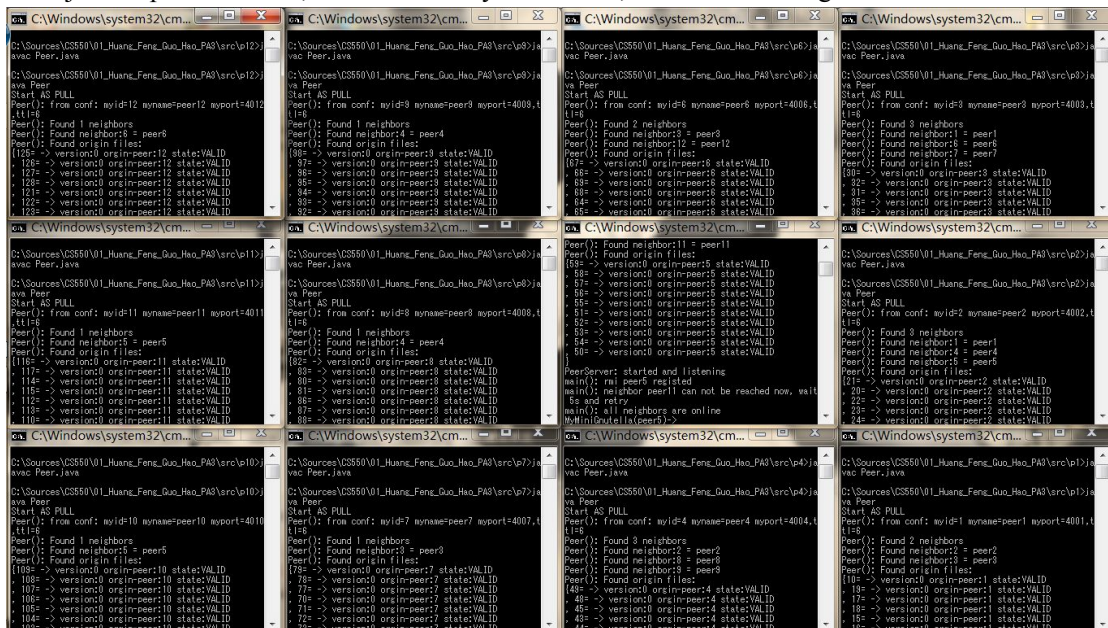


## Manual

To run this program, we assume that you have Java 7 installed, the program is coded and verified in Windows 7, so for windows 7 user, there are a few script files to adopt which will make it easier to use. Please first read program list to get familiar with those file names which will be refers later.

For Windows user:

- ① go to *src* folder, run one of *conf\_xx* files to assign a topology, B-Tree is set as default.
- ② run *prepfles.bat*.
- ③ run *preprm1.bat*.
- ④ run one of *setuppull.bat* and *setpush.bat* to select running mode.
- ⑤ run *start.bat* to start compiling and run each peer.
- ⑥ adjust 12 peer consoles, make them easy to monitor, like the following:



For Linux User:

We don't have a shell script for all the prep work, simply do the following:

1. Go to every peer's pull and push, run "javac \*.java"
2. Copy *conf\_xx* to *conf*, to assign topology
3. Go to each peer's folder, copy *conf\_pull* or *conf\_push* to *conf* to select mode
4. Go to *p1*, run "rmiregistry"
5. Go to every peer's folder, javac \*.java, to compile the program entrance
6. Copy defined files to each peers originfiles
7. Delete any file exists in peer's mirrorfiles
8. Go to each peer's folder, run "java Peer