Installing Hadoop on Windows

These instructions assume that you already have a recent version of Java installed on your Windows (I have version 1.8 installed). The official hadoop-2.6.0 does not have Windows binaries and requires building from source (which is complicated).

- Get **hadoop-2.6.0.tar.gz** with prebuilt Windows binaries (like winutils) from: [http://www.barik.net/archive/2015/01/19/172716/](http://www.barik.net/archive/2015/01/19/172716/) and extract to a folder (e.g., `C:/yarn/hadoop-2.6.0`). These prebuilt binaries have been verified to work on Windows 8.1 x64 but should work on other recent versions as well.

- Set your environment variables (through Control Panel → System → Advanced System Settings → Advanced → Environment Variables…, or by using [http://www.rapidee.com/](http://www.rapidee.com/)):
  - **JAVA_HOME** needs to where your JDK lives. It needs to be a path without spaces (e.g. `C:\tools\jdk1.8.0_31`). Typically Java is installed in a path like “C:\Program Files\Java\jdk1.8.0_31”, that will not work well (more info at [https://wiki.apache.org/hadoop/Hadoop2OnWindows](https://wiki.apache.org/hadoop/Hadoop2OnWindows))
  - **HADOOP** needs to point to where you installed Hadoop (e.g., `C:/yarn/hadoop-2.6.0`)

This will give you a basic working version of Hadoop. You can find more detailed information at: [http://hadoop.apache.org/docs/current/hadoop-project-dist/hadoop-common/SingleCluster.html](http://hadoop.apache.org/docs/current/hadoop-project-dist/hadoop-common/SingleCluster.html)