

Installing Hadoop

To set up Hadoop (single-node version) on your machine, we provide some useful tutorials as below. And also, you could search some useful information from Apache Hadoop's user guide.

Writing Hadoop MapReduce Program

To get started with writing Hadoop MapReduce codes in Python, here is a good tutorial from Michael G.Noll [3]. For other programming languages, like Java, C++, Perl, etc., please Google some tutorials.

Attention: Some download links of Hadoop may not be valid, you can check

<http://www.apache.org/dyn/closer.cgi/hadoop/common/hadoop-2.8.1/hadoop-2.8.1.tar.gz>

[1] Michael G. Noll's tutorial: Running Hadoop on Ubuntu Linux (Single-Node Cluster),
<http://www.michael-noll.com/tutorials/running-hadoop-on-ubuntu-linux-single-node-cluster/>

[2] Apache Hadoop: <http://hadoop.apache.org/>

[3] Michael G. Noll's tutorial: Writing An Hadoop MapReduce Program In Python,
<http://www.michael-noll.com/tutorials/writing-an-hadoop-mapreduce-program-in-python/>

[4] Melissa Anderson's installation tutorial for Ubuntu 16.04:
<https://www.digitalocean.com/community/tutorials/how-to-install-hadoop-in-stand-alone-mode-on-ubuntu-16-04>

[5] K Hong's tutorial for Ubuntu 14.04:
http://www.bogotobogo.com/Hadoop/BigData_hadoop_install_on_ubuntu_single_node_cluster.php