

Distributed Systems

Homework #4

Hadoop distributed system installation

Description

The purpose of this homework is research on Hadoop distributed system installation process, observing tools and web interfaces of Hadoop distributed system and examples usage.

Steps

1. Follow the [Hadoop installation instruction on Linux](#) and install single node Hadoop system on a local machine. Make some notes of Hadoop installation process with screenshots. The pdf copy of instructions web page is also attached to the “Homework 4” topic.
2. After installation, browse the web interface for the NameNode and all other provided by Hadoop web interfaces.
3. Read [MapReduce Tutorial](#) and try the examples. Make notes with screenshots.
4. Create the report and describe the installation process and the results achieved. Add screenshots of installation process, web interface and examples.
5. Submit the report into *Homework 4 submission*.

References

1. [Hadoop installation instruction on Linux](#).
2. [Single Node Setup](#)
3. [MapReduce Tutorial](#)