

Preparation Materials

Python

Interactive Tutorials for Python: <http://www.learnpython.org/>

The Hitchhiker's Guide to Python: <http://docs.python-guide.org/en/latest/intro/learning/>

Microservice

Introduction to Microservice: <http://www.infoq.com/cn/articles/microservices-intro>

Kafka

Wikipage: https://en.wikipedia.org/wiki/Apache_Kafka

Kafka Paper: <http://research.microsoft.com/en-us/um/people/srikanth/netdb11/netdb11papers/netdb11-final12.pdf>

Zookeeper

Wikipage: https://en.wikipedia.org/wiki/Apache_ZooKeeper

Zookeeper Paper: <http://static.cs.brown.edu/courses/cs227/archives/2012/papers/replication/hunt.pdf>

Cassandra

Wikipage: https://en.wikipedia.org/wiki/Apache_Cassandra

Cassandra Paper: <https://www.cs.cornell.edu/projects/ladis2009/papers/lakshman-ladis2009.pdf>

Spark

Wikipage: https://en.wikipedia.org/wiki/Apache_Spark

Spark Paper: https://people.csail.mit.edu/matei/papers/2010/hotcloud_spark.pdf

Mesos

Wikipage: https://en.wikipedia.org/wiki/Apache_Mesos

Mesos Paper: <https://people.eecs.berkeley.edu/~alig/papers/mesos.pdf>

Redis

Interactive Tutorial for Redis: <https://try.redis.io/>

Nodejs

Nodejs Tutorial: <http://nodeschool.io/#workshoppers>

Docker

Introduction to Docker: <https://www.toptal.com/devops/getting-started-with-docker-simplifying-devops>



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