

# spark with akka

MapReduce   [Apache Spark](#).

Spark Hadoop MapReduce   ,

• ,

Scala   , **interactive shell**   .

akak   .

Spark :

<http://engineering.vnc.co.kr/2015/05/data-analysis-with-spark/>

Spark   Spark, ,

  , StandAlone (   )

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Spark   .

+   .

- [Docker](#)
- [spark on centos](#)
- [Spark with](#)

psmon ▾

Containers

+ NEW

all-spark-notebook  
all-spark-notebook:latest

kafka  
kafka:latest

all-spark|

Other Repositories

jupyter

all-spark-notebook

Jupyter Notebook Python, Scala, R, Spark, Mesos Stack from <https://github.com/jupyter/dock...>

♡ 141

↓ 278K

⋮

CREATE

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```
jupyter Untitled Last Checkpoint: 10 minutes ago (unsaved changes)
File Edit View Insert Cell Kernel Widgets Help
In [1]: sc
Out[1]: ''
In [1]: import pyspark
In [2]: sc = pyspark.SparkContext('local[*]')
        rdd = sc.parallelize(range(1000))
        rdd.takeSample(False, 5)
Out[2]: [58, 485, 536, 244, 512]
```

Spark , SparkStream .

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.( )

Spark , Stream ?

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: <https://spark.apache.org/docs/latest/streaming-programming-guide.html>

## AKKA Stream

blocked URL

Stream , .

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*Akka Stream Stream ?*

*Spark ?*

*.....*

*Python Docker / Spark*

## Spark-stream akka:

<http://bahir.apache.org/docs/spark/2.1.0/spark-streaming-akka/>

<http://bahir.apache.org/docs/spark/current/spark-streaming-akka/>