



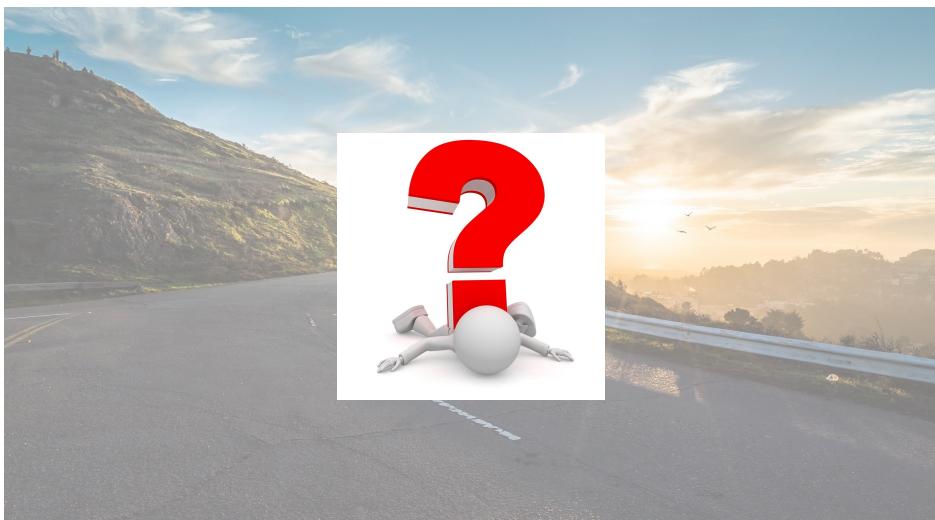
BDTwiTrend ROAD TRIP

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What is **Going**
on There?





Kafka? Really, Is it a
BRAND of cap?

Connect SparkSQL and
HBase - Wait, HOW? Is it
REQUIRED?

Presentation? - Will I have to
SPEAK?

THE CHALLENGES

SparkStream, Yeah, I
heard. Is it a game? You
mean **STEAM**?

Real time Visualization? -
Sounds **COOL**, isn't it?

A simple **DEMO** - Did you
just say **SIMPLE**?

5 DAYS.

1 MAN.

9 CORE TECHS.

and more...



<https://d3js.org/>

<https://zeppelin.apache.org/>

<http://twitter4j.org/>

<http://www.scala-lang.org/>

<http://hadoop.apache.org>

<http://hbase.apache.org>

<http://hbase.apache.org>

<http://kafka.apache.org>



BDTwiTrend - Highway on the internet

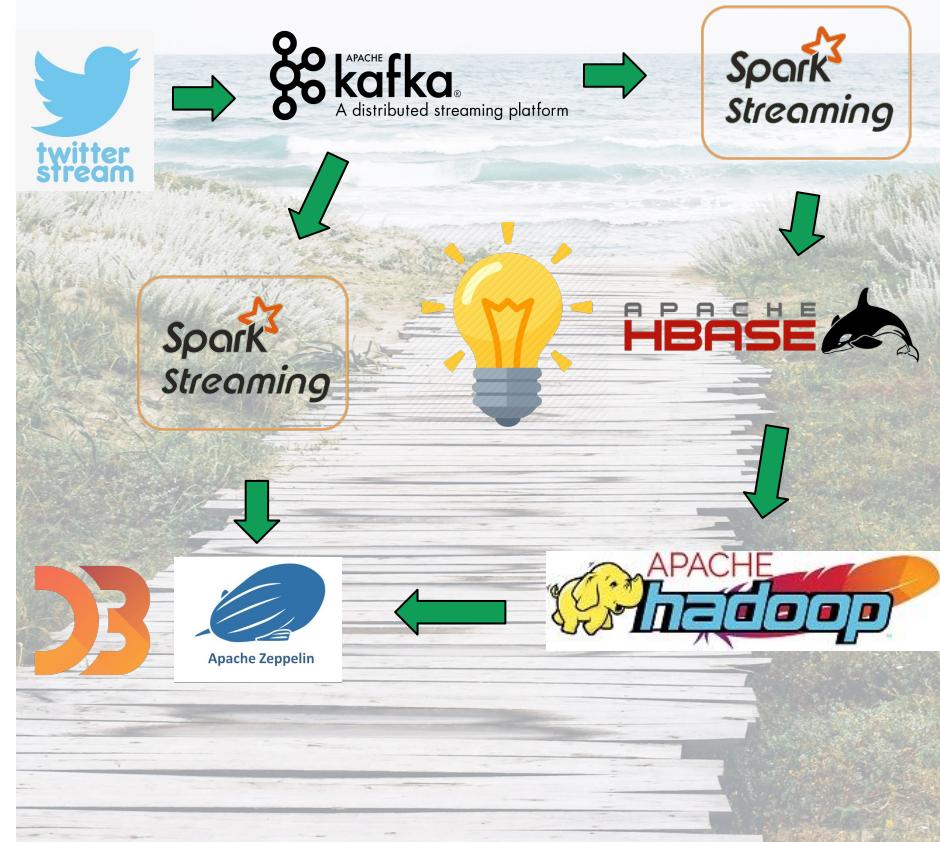


Let's see
AGAIN?

Let's start...

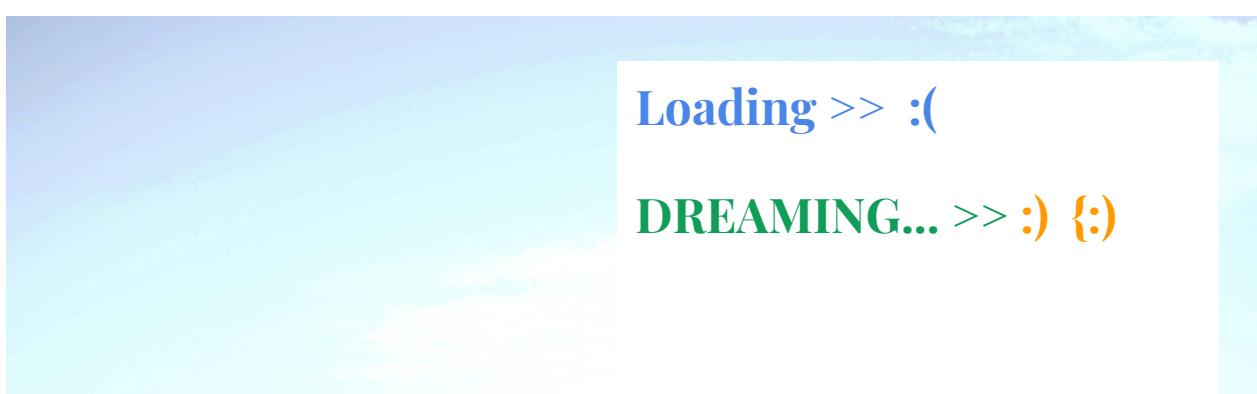
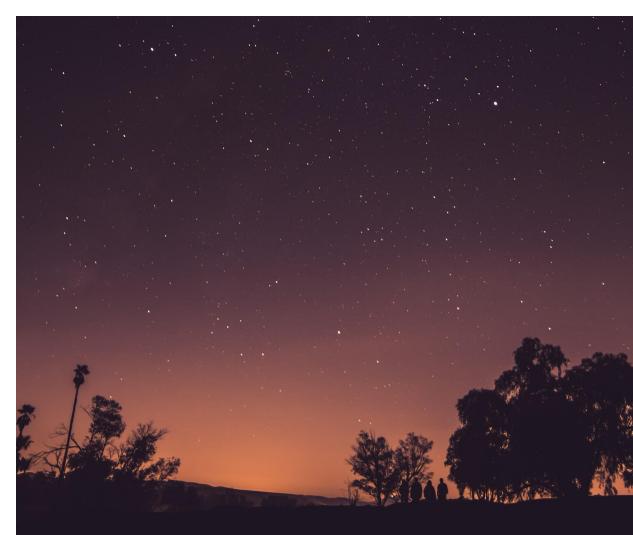


Happy Coding!



How to set up local **ENVIRONMENT** *without Cloudera*
Running **SLOW**
VERSION compatibility
What is **REAL REAL TIME?**

THE CHALLENGES



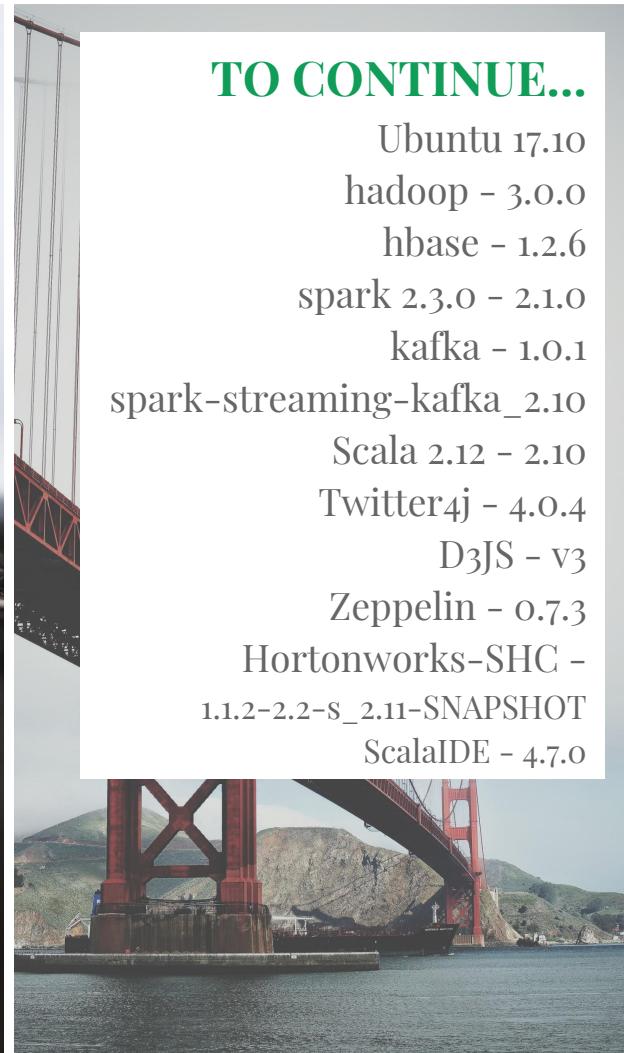
Loading >> :(

DREAMING... >> :) {}



INTO OCEAN...

Cloudera
Hbase integration with hive
Spark Highcharts-0.6.5
Plotly
Tableau
Databricks
Jupyter
Python
Scala - SBT
NodeJS



TO CONTINUE...

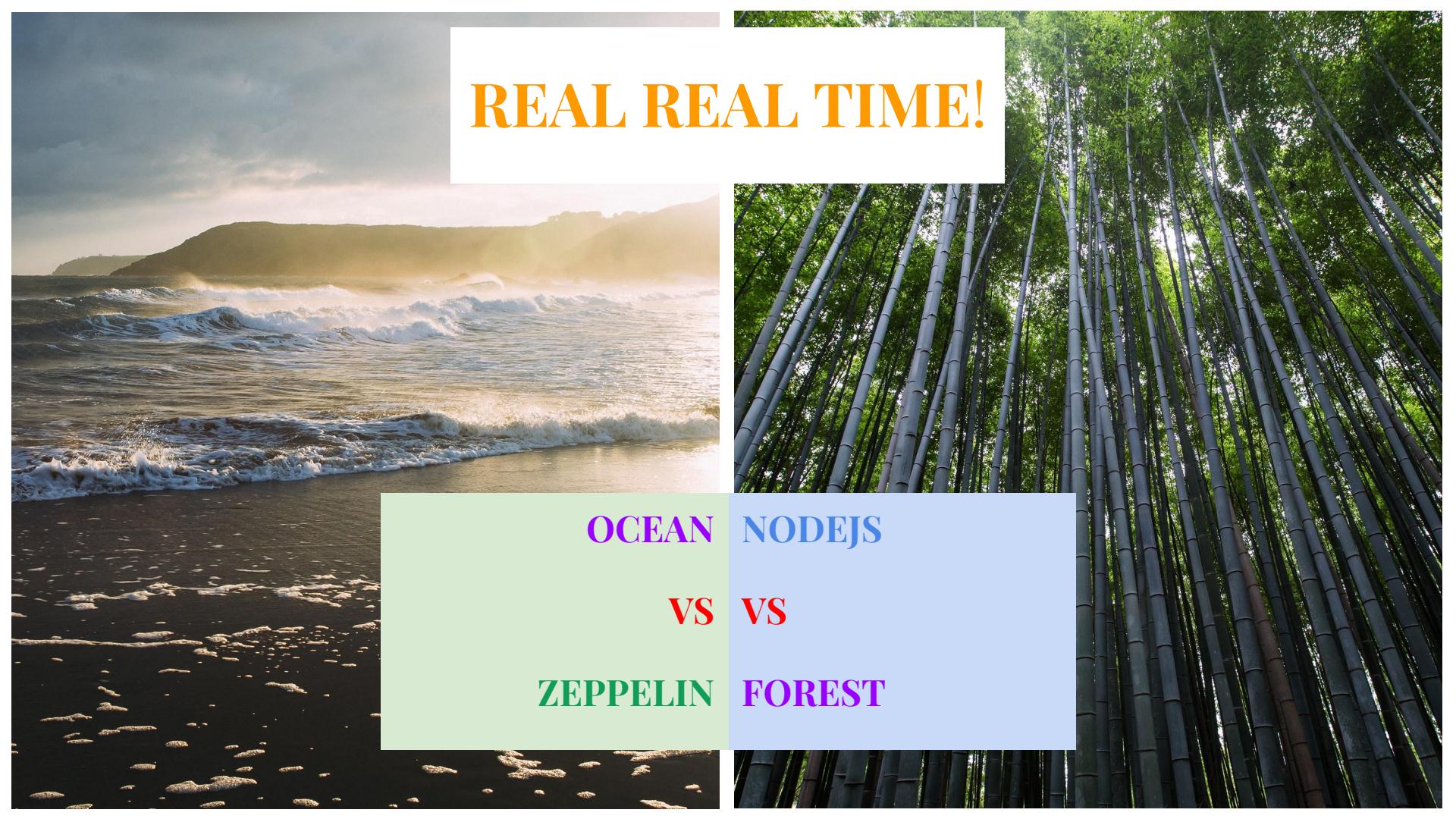
Ubuntu 17.10
hadoop - 3.0.0
hbase - 1.2.6
spark 2.3.0 - 2.1.0
kafka - 1.0.1
spark-streaming-kafka_2.10
Scala 2.12 - 2.10
Twitter4j - 4.0.4
D3JS - v3
Zeppelin - 0.7.3
Hortonworks-SHC -
1.1.2-2.2-s_2.11-SNAPSHOT
ScalaIDE - 4.7.0

Long Nights

4:28am

Like we did





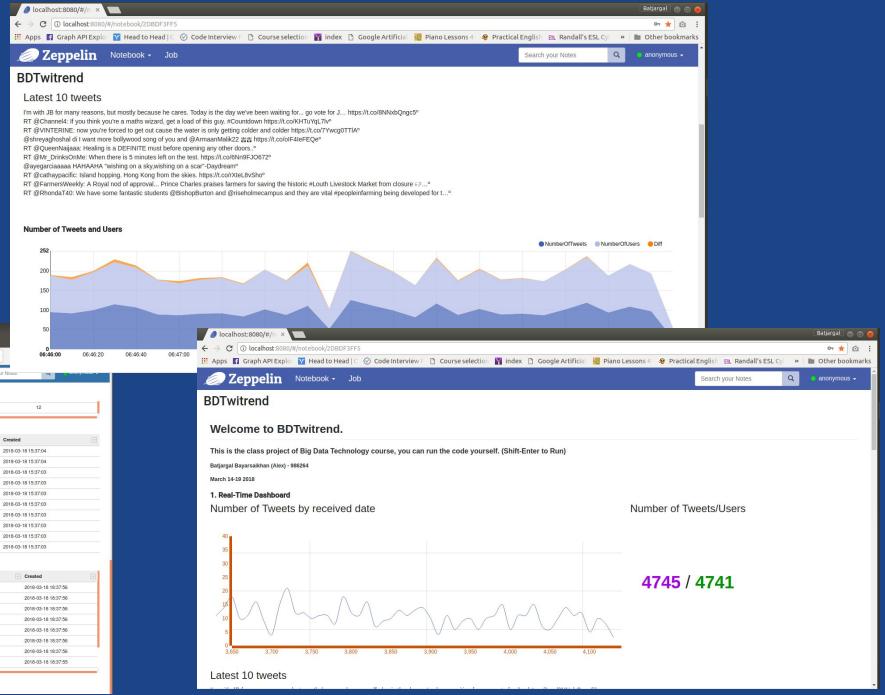
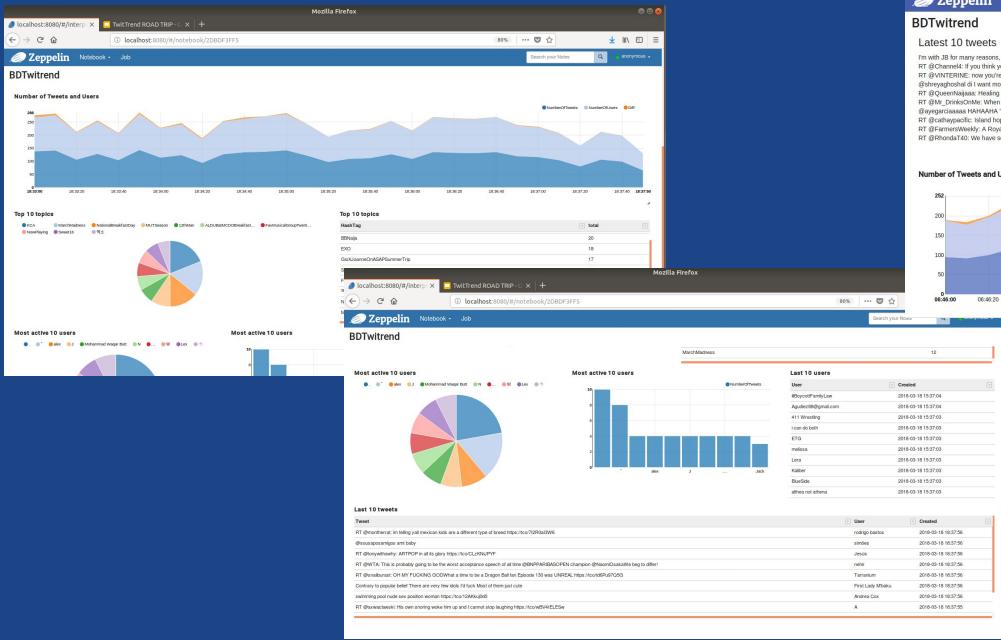
REAL REAL TIME!

OCEAN NODEJS

VS VS

ZEPPELIN FOREST

DEMO & CODE





After a **LONG**
JOURNEY,
I've just **COME**
HOME.

- General understanding about big data analyzing
- How it works
- How to set up local environment for Hadoop, HBase and Spark
- How to use Apache Zeppelin and D3Js
- How to implement real-time analysis using the tools
- How to create Kafka producer and consumer
- How to connect Spark Streaming and Kafka
- How to connect Spark and HBase
- Beginner with Scala

<https://github.com/bbatjargal/BDTwitrend>

