

# Pivotal

A NEW PLATFORM FOR A NEW ERA

# Preparing the environment

Hands-on Lab using Pivotal Big Data Suite

# Labs we're going to do

## GEMFIRE



- Access data in-memory
- Scale-out
- Query data
- High Availability
- Monitoring

## PIVOTAL HD + HAWQ



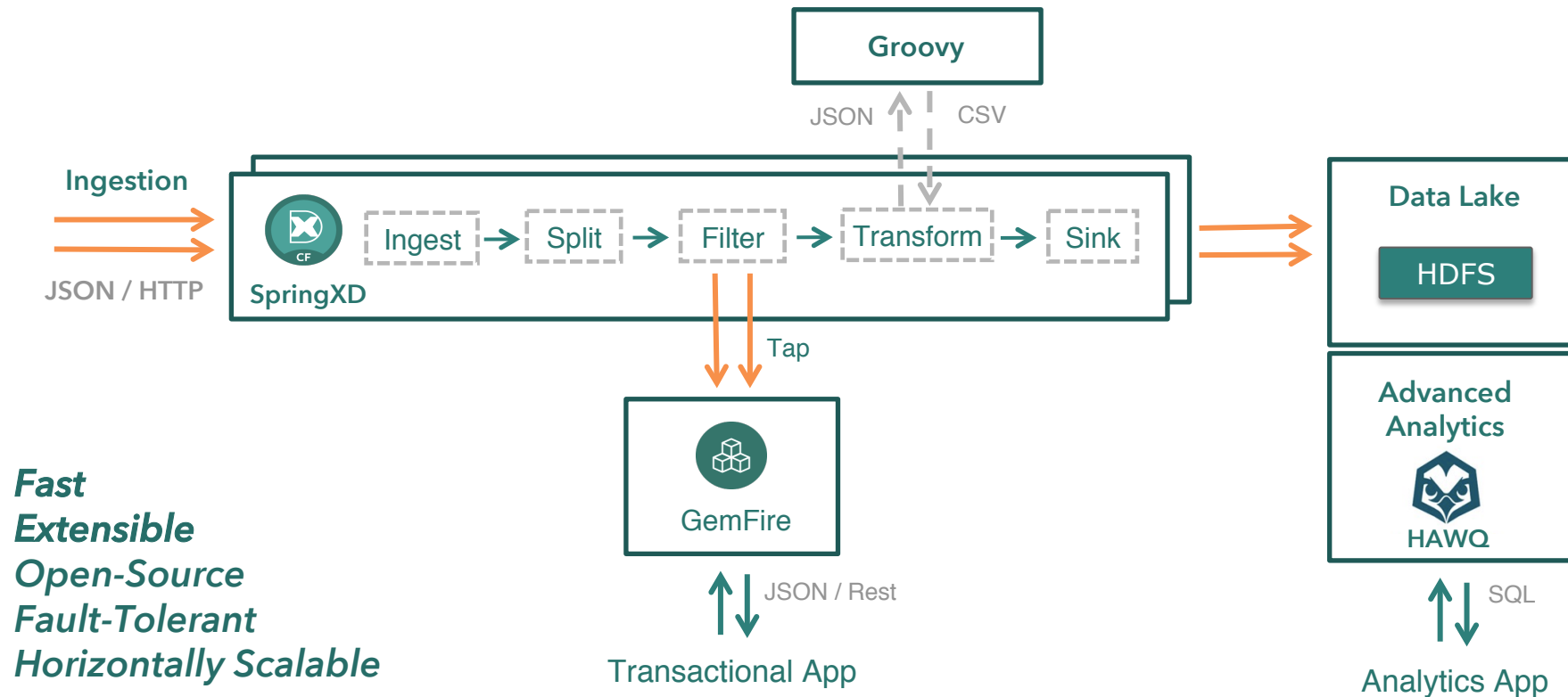
- Accessing HDFS
- Creating Tables
- Massive parallel load of data
- Leveraging SQL on HDFS

## SPRING XD



- Create data streams easily – no coding
- Easily connect to external tools
- Built-in transformation and processors

# What you're going to build



# Roadshow Labs environment choices

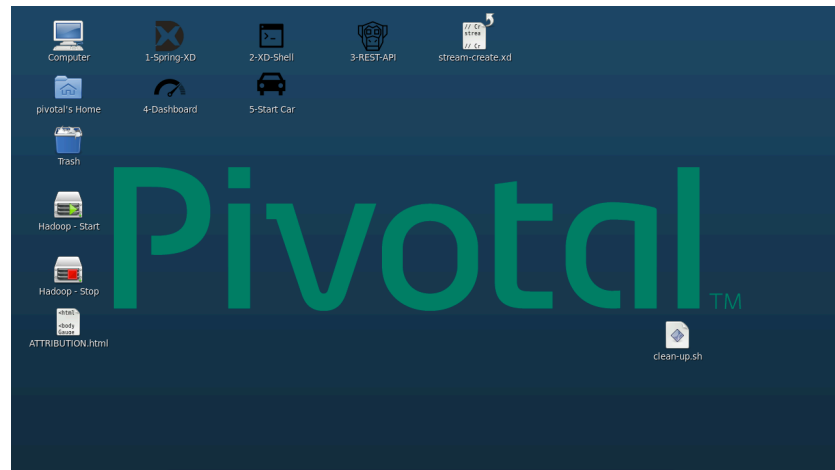


- 8Gb memory local VM
- VmWare Player / Fusion




- VM running on Cloud
- Remote Desktop Client


# Roadshow Labs environment credentials





Username: gpadmin  
Password: bebold

# Once you have access to an environment....

 **Pivotal-Field-Engineering / BigDataRoadshow**


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Repository for the Big Data Roadshow - decks, labs, etc. — Edit

 128 commits



 1 branch




 0 releases


 3 contributors

 branch: **master** ▾ **BigDataRoadshow** / + 

Deck for the lab

 Federico Melo authored 36 minutes ago latest commit 64f3494f53 

 <a href="#">decks</a>	Update to ppt preso adding some graphix around external tables and re...	5 days ago
 <a href="#">labs</a>	Deck for the lab	36 minutes ago
 <a href="#">README.adoc</a>	Update README.adoc	2 hours ago


 **README.adoc**


## Pivotal Big Data Roadshow


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Content for the Pivotal Big Data Roadshow (<http://pivotal.io/big-data/data-roadshow>).


**<> Code**


 [Issues](#) 1

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Access: <http://tinyurl.com/pivotal-big-data-roadshow> **Pivotal**

# Coming Up

- Break (60') - Lunch!!
- Data Streaming with Spring XD Lab - 60'
  - First steps with Spring XD
  - Building a Data Stream Pipeline. Using transformations, sinking to HDFS and GemFire.
- Pivotal HD + Hawq Lab (40')
  - First steps with Pivotal HD and Hawq
  - Accessing HDFS, loading data, performing SQL queries
- GemFire Lab (40')
  - First steps with Pivotal GemFire
  - Data load, query, scale-out, HA, monitoring



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