Apache Spark Through Email

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Slides And Code

- Slides: https://github.com/medale/spark-mail/blob/master/presentation/ApacheSparkThroughEmail.pdf
- Spark Code Examples: https://github.com/medale/spark-mail/

Data Science for Small Dataset

Figure 1: Laptop

Data Science for Larger Dataset

Figure 2: Standalone Server

Data Science for Larger Dataset (Vertical Scaling)

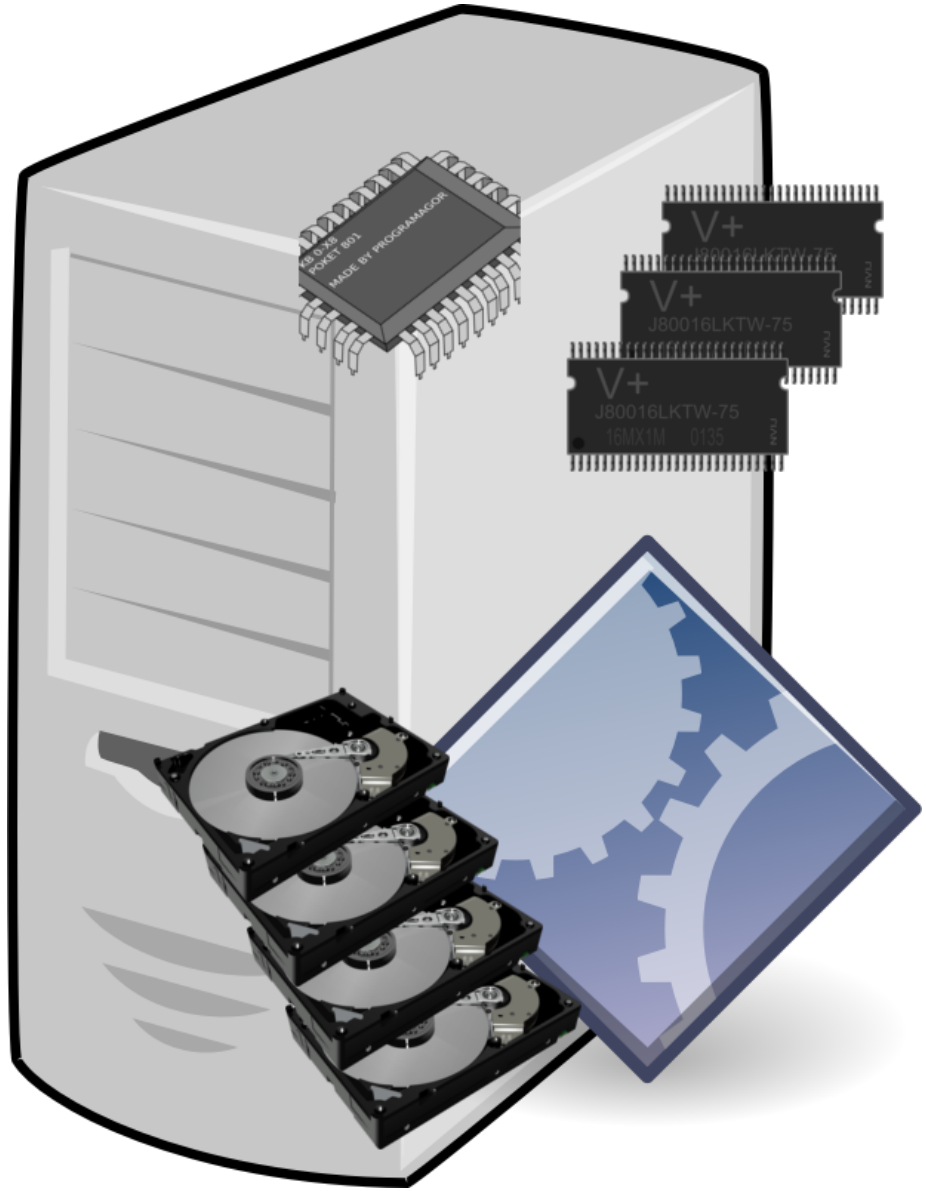


Figure 3: Beefed-up Server

Data Science for Large Datasets (Horizontal Scaling)

Figure 4: Multiple cooperating Servers

Big Data Framework - Apache Hadoop

Figure 5: HDFS, MapReduce

Hadoop Ecosystem

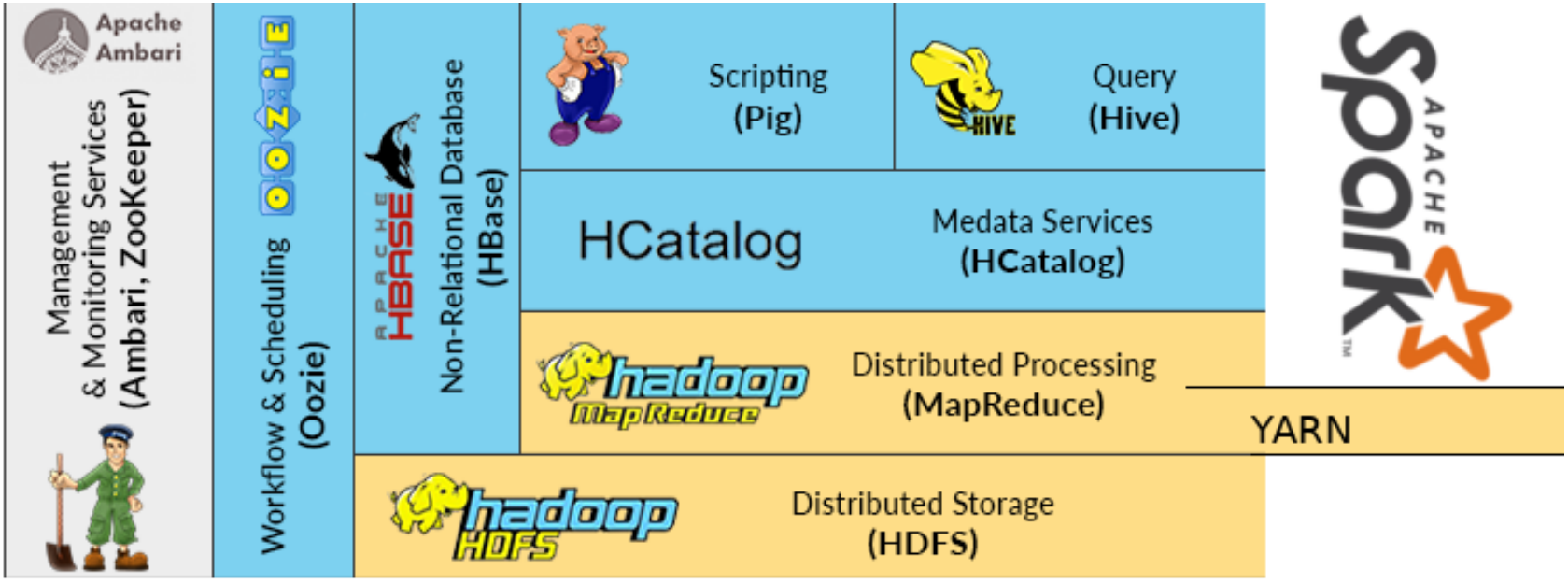
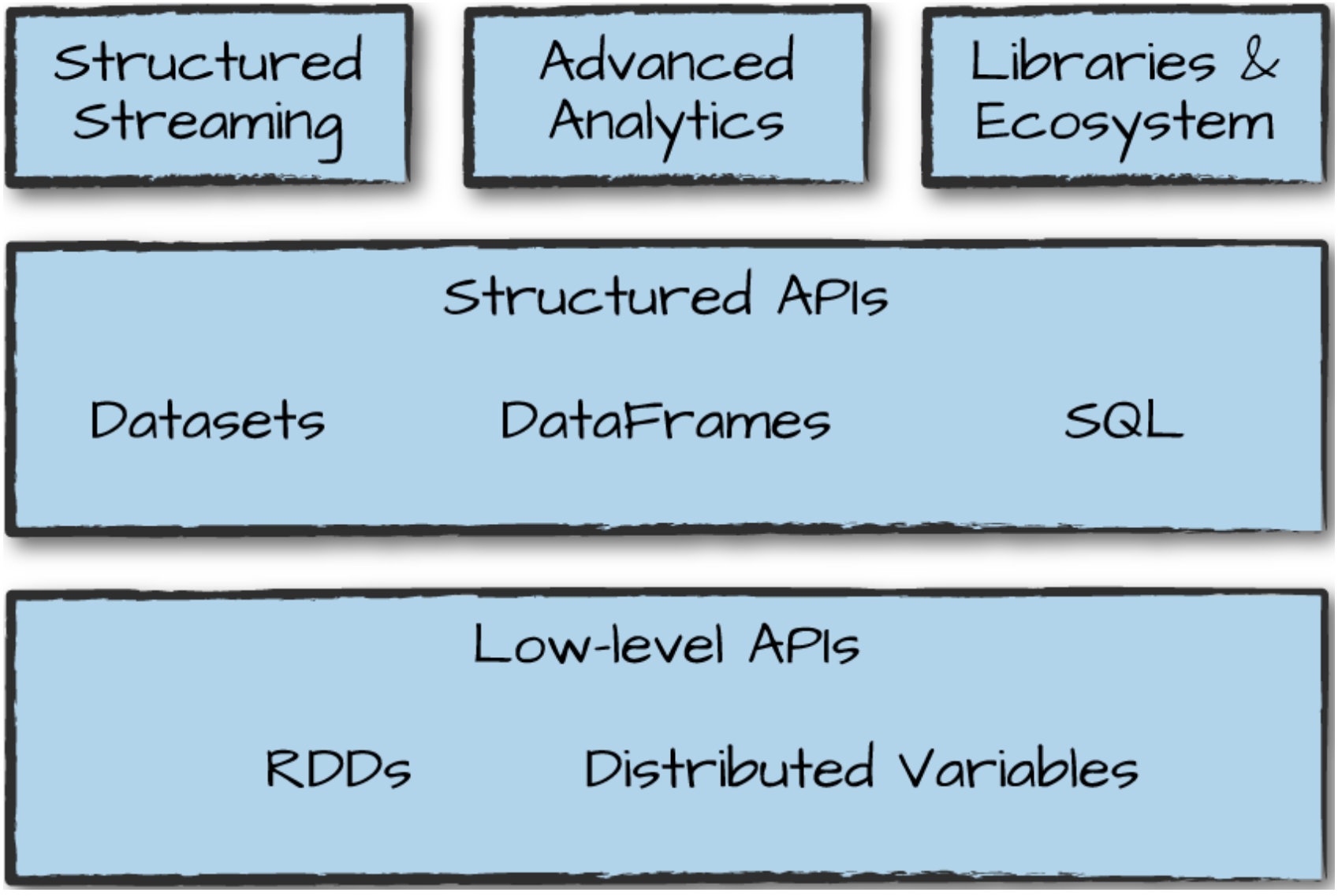


Figure 6: Some Frameworks Around Hadoop

Apache Spark Components



Source: Spark: The Definitive Guide

Colon Cancer

- Screening saves lives!
  - Colonoscopy - talk to your doc
- Colorectal Cancer Alliance