

scala for spark in one slide

Spark is written in scala - no extra language API libraries or wrappers needed.

Runs on the Java Virtual Machine. Interoperates with Java and is converted to Java.

Integrated Object Oriented and Functional Programming

Data is generally immutable (val). Great for spark programming model!

Anonymous functions.

Statically Typed

Types checked at compile-time

Convenient Type Inference for shorter code.

Implicit Type Conversion

If a method is not found for your object, it will be converted to an object which does have that method. Example: RDD methods and PairRDD methods.

Case Class

convenient Serializable object with override methods such as equals(), hash() and toString().