CDH5.5 MRv2 Section Agenda

Tuesday, January 26, 2016   7:03 PM

CDH5.5 Hadoop MapReduce v2

Tentative Agenda for the Section 3 on 02/13/2016
We will strive to cover as much as we can - but some topics may be skipped if running over time.

- **Java101/Eclipse101**
  - basic Java concepts
  - classpath/ compilation/ JARs
  - Eclipse setup - libraries/ export of JARs
- **MRv2**
  - step-through of an example MR job : NASA log aggregation #1 (treating timestamps as strings)
  - Hadoop setup in Eclipse - to test/run MR jobs
  - creation of MR JARs
- **Cloudera QuickStartVM - with JDK1.7**
  - MacOS installation tips
  - execution of log aggregation MR job #1 (using JARs created from Eclipse)
  - compiling MR jobs directly in VM
- **CentOS6.7 + JDK8**
  - Example of a custom Date aggregation key - DateWritable - NASA log aggregation MR job #2
  - Execution of MR job #2 on CentOS6.7 VM + JDK8
  - Compilation and Jar creation on CentOS6.7 VM