1. Setup & Install Guide

Monday, October 27, 2014   7:42 AM

Status: In Test

Note: After completing this installation, please see the Metadata.API setup guide to complete the installation of the LigaData RTD solution.
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Prerequisites:

- Approximately 300 MB free
- Java installed (Java runtime version 1.7 or later, which can be downloaded here.)
- Access to: https://github.com/ligaDATA/RTD_ReadOnly OR the RTD install package *(.tar??)

Windows users:

- 7-zip intalled (http://www.7-zip.org/) Choose for 32bit or 64bit. *Note: for OpenSource, we should use zip or tar.gz)*

Assumptions:

- No other Zookeeper Service is running
- No Other Kafka service is running on this node *NOTE: optional. You will need some input/output to the engine.*

Linux users:

- It is suggested that Linux users run the services/scripts under screens (http://www.howtoforge.com/linux_screen), so that if the connection is lost, they will still be running. *(NOTE: This will become a service in a later release.)*

Install the following:

1. Download and install Scala 2.10.4: http://www.scala-lang.org/download/2.10.4.html
2. Download and install sbt: http://www.scala-sbt.org/download.html
3. (Suggested - hold for open source) Download and install Kafka: http://kafka.apache.org/
4. Download and install Zookeeper: http://zookeeper.apache.org/releases.html#download
5. From GitHub, clone: https://github.com/ligaDATA/RTD_ReadOnly
6. Navigate to the folder where you cloned https://github.com/ligaDATA/RTD_ReadOnly and where you have placed the dataset install file.

    ### Linux & Mac users:
    i. Run install script:
        bash /path/to/source/trunk/SampleApplication/Medical/bin/installOnLEP_Medical.sh
           </path/to/install/location> </path/to/source/location>

    ### Windows:
    i. Make sure Scala and sbt paths are in the PATH environmental variable.

        Example - yours may look different:
            C:\ProgramData\Oracle\Java\javapath;C:\Program Files\Common Files\Microsoft Shared\Windows Live;C:\Program Files (x86)\Common Files\Microsoft Shared\Windows Live;%SystemRoot%\system32;%SystemRoot%;%SystemRoot%\System32\Wbem;%SYSTEMROOT% \System32\WindowsPowerShell\v1.0\;C:\Program Files (x86)\Windows Live\Shared;**;C:\Program Files (x86)\scala\bin;C:\Program Files (x86)\sbt\\bin**

    ii. Install the demo you wish to use:
        2) Execute 'installOnLEP_Medical.bat'
        Note: Compression to .gz is commented out in the bat file and needs to be done manually, then copied over manually.

Running OnLEP
1. Run the engine:
    i. Execute:
        1. /path/to/install/loc/OnLEPManager-1.0
                <config /path/to/config/file>

    ii. Then examine the following files to see the output.
            /path/to/install/location/msgdata/messages_new_format_all.csv.gz
            /path/to/install/location/logs/output1.txt.gz

2. Quit the engine by typing "quit". Ctrl-C should also work.