DemoGraphframeIPY

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1 Using graphframe with PySpark

1.1 ## Install

- First execute the cell below: with the package mananger install pkg.installPackage(groupId:artifactId:version) the jar and its compile dependencies. You can find that in maven repository.
- Relaunch the kernel and the cell. You should have this output

```
In [1]: from pixiedust.packageManager import PackageManager
        pkg=PackageManager()
        pkg.installPackage("graphframes:graphframes:0.6.0-spark2.2-s_2.11")
        pkg.installPackage("com.typesafe.scala-logging:scala-logging-api_2.11:2.1.2")
        pkg.installPackage("com.typesafe.scala-logging:scala-logging-slf4j_2.11:2.1.2")
        pkg.installPackage("org.scala-lang:scala-library:2.11.8")
        pkg.printAllPackages()
        sqlContext=SQLContext(sc)
Pixiedust database opened successfully
<IPython.core.display.HTML object>
Package already installed: graphframes:graphframes:0.6.0-spark2.2-s_2.11
Package already installed: com.typesafe.scala-logging:scala-logging-api_2.11:2.1.2
Package already installed: com.typesafe.scala-logging:scala-logging-slf4j_2.11:2.1.2
Package already installed: org.scala-lang:scala-library:2.11.8
graphframes:graphframes:0.6.0-spark2.2-s_2.11 => /root/data/libs/graphframes-0.6.0-spark2.2-s_2.
com.typesafe.scala-logging:scala-logging-api_2.11:2.1.2 => /root/data/libs/scala-logging-api_2.1
com.typesafe.scala-logging:scala-logging-slf4j_2.11:2.1.2 => /root/data/libs/scala-logging-slf4j
org.scala-lang:scala-library:2.11.8 => /root/data/libs/scala-library-2.11.8.jar
```

• If everything is gucci (good), the jars have now integrated your java.class.path

1.2 Example