scala> import org.apache.spark.graphx.GraphLoader

out :: import org.apache.spark.graphx.GraphLoader

scala> val graph = GraphLoader.edgeListFile(sc,"/user/ravichaubey43\_gmail/followers.txt")

out :: graph: org.apache.spark.graphx.Graph[Int,Int] = org.apache.spark.graphx.impl.GraphImpl@d3effcb

scala> val ranks = graph.pageRank(0.0001).vertices

out :: ranks: org.apache.spark.graphx.VertexRDD[Double] = VertexRDDImpl[903] at RDD at VertexRDD.scala:57

scala> ranks.collect

out :: res0: Array[(org.apache.spark.graphx.VertexId, Double)] = Array((4,0.15007622780470478), (6,0.7017164142469724), (2,1.3907556008752426), (1,1.4596227

918476916), (3,0.9998520559494657), (7,1.2979769092759237))

scala> val users = sc.textFile("/user/ravichaubey43\_gmail/users.txt").map { line =>

|

| val fields = line.split(",")

|

| (fields(0).toLong, fields(1))

|

| }

Out :: users: org.apache.spark.rdd.RDD[(Long, String)] = MapPartitionsRDD[912] at map at <console>:25

scala> val ranksByUsername = users.join(ranks).map {

|

| case (id, (username, rank)) => (username, rank)

|

| }

Out :: ranksByUsername: org.apache.spark.rdd.RDD[(String, Double)] = MapPartitionsRDD[916] at map at <console>:28

scala> println(ranksByUsername.collect().mkString("\n"))

out::

(justinbieber,0.15007622780470478)

(matei\_zaharia,0.7017164142469724)

(ladygaga,1.3907556008752426)

(BarackObama,1.4596227918476916)

(odersky,1.2979769092759237)

(jeresig,0.9998520559494657)