

```
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)