```scala
1  private val visited = new mutable.HashSet[RDD[_]]()
2  private val rddDependencies = new mutable.HashMap[Int, mutable.MutableList[Int]]()
3  def getLineageGraphFromJob(init: RDD[_]): Unit = {
4      visited += init
5
6      var list = new mutable.MutableList[Int]()
7      for (deps <- init.dependencies) {
8          list += deps.rdd.id
9      }
10
11      rddDependencies += (init.id -> list)
12      for (deps <- init.dependencies) {
13          if (!visited.contains(deps.rdd)) {
14              getLineageGraphFromJob(deps.rdd)
15          }
16      }
17  }
```