

Deeplearning4j模型保存至HDFS

同时支持训练出来的网络模型存储在HDFS上：

Writing to HDFS. To write to HDFS we just need to use the correct Path class (org.apache.hadoop.fs.Path) and a correctly formatted HDFS path string, as shown here:

```
Path modelPath = new Path( hdfsPathToSaveModel );
BufferedOutputStream stream = new BufferedOutputStream( os );
ModelSerializer.writeModel( trainedNetwork, stream, true );
```

HDFS filepaths commonly look like:

```
hdfs:///path/to/my/file.txt
```

上面示例图中的代码不是很全，这里进行简易补全

需要引入的HDFS的包如下:

```
1. import org.apache.hadoop.conf.Configuration;
2. import org.apache.hadoop.fs.FSDataOutputStream;
3. import org.apache.hadoop.fs.FileSystem;
4. import org.apache.hadoop.fs.Path;
```

接下来就是需要初始化hdfs，以及创造输出流等等

```
1. Configuration conf = initializeConf();
2. FileSystem hdfs = FileSystem.get(conf);
3. //路径
4. Path modelPath = new Path(hdfsPathToSaveModel);
5. OutputStream os = hdfs.create(modelPath);
6. BufferedOutputStream stream = new BufferedOutputStream(os);
7. ModelSerializer.writeModel(trainedNetwork, stream, true);
```

HDFS路径通常写为 hdfs:///path/to/save/model.zip

更多文档可以查看 <https://github.com/sjsdfg/deeplearning4j-issues>。

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