

Console output:

```
Using Spark's default log4j profile: org/apache/spark/log4j-
defaults.properties
19/05/29 06:33:21 INFO SparkContext: Running Spark version 2.2.0
19/05/29 06:33:21 WARN NativeCodeLoader: Unable to load native-
hadoop library for your platform... using builtin-java classes
where applicable
19/05/29 06:33:22 INFO SparkContext: Submitted application:
SparkStreamingApp
19/05/29 06:33:22 INFO SecurityManager: Changing view acls to:
Navi
19/05/29 06:33:22 INFO SecurityManager: Changing modify acls to:
Navi
19/05/29 06:33:22 INFO SecurityManager: Changing view acls groups
to:
19/05/29 06:33:22 INFO SecurityManager: Changing modify acls
groups to:
19/05/29 06:33:22 INFO SecurityManager: SecurityManager:
authentication disabled; ui acls disabled; users with view
permissions: Set(Navi); groups with view permissions: Set(); users
with modify permissions: Set(Navi); groups with modify
permissions: Set()
19/05/29 06:33:22 INFO Utils: Successfully started service
'sparkDriver' on port 56158.
19/05/29 06:33:22 INFO SparkEnv: Registering MapOutputTracker
19/05/29 06:33:22 INFO SparkEnv: Registering BlockManagerMaster
19/05/29 06:33:22 INFO BlockManagerMasterEndpoint: Using
org.apache.spark.storage.DefaultTopologyMapper for getting
topology information
19/05/29 06:33:22 INFO BlockManagerMasterEndpoint:
BlockManagerMasterEndpoint up
19/05/29 06:33:22 INFO DiskBlockManager: Created local directory
at /private/var/folders/51/h040lw594qg46chkcmrs54h80000gn/T/
blockmgr-36d6953b-781a-42fd-a90d-8f4d44c5bc94
19/05/29 06:33:22 INFO MemoryStore: MemoryStore started with
capacity 912.3 MB
19/05/29 06:33:22 INFO SparkEnv: Registering
OutputCommitCoordinator
19/05/29 06:33:23 INFO Utils: Successfully started service
'SparkUI' on port 4040.
19/05/29 06:33:23 INFO SparkUI: Bound SparkUI to 0.0.0.0, and
started at http://192.168.0.15:4040
19/05/29 06:33:23 INFO Executor: Starting executor ID driver on
host localhost
19/05/29 06:33:23 INFO Utils: Successfully started service
'org.apache.spark.network.netty.NettyBlockTransferService' on port
56159.
19/05/29 06:33:23 INFO NettyBlockTransferService: Server created
on 192.168.0.15:56159
```

19/05/29 06:33:23 INFO BlockManager: Using
org.apache.spark.storage.RandomBlockReplicationPolicy for block
replication policy
19/05/29 06:33:23 INFO BlockManagerMaster: Registering
BlockManager BlockManagerId(driver, 192.168.0.15, 56159, None)
19/05/29 06:33:23 INFO BlockManagerMasterEndpoint: Registering
block manager 192.168.0.15:56159 with 912.3 MB RAM,
BlockManagerId(driver, 192.168.0.15, 56159, None)
19/05/29 06:33:23 INFO BlockManagerMaster: Registered BlockManager
BlockManagerId(driver, 192.168.0.15, 56159, None)
19/05/29 06:33:23 INFO BlockManager: Initialized BlockManager:
BlockManagerId(driver, 192.168.0.15, 56159, None)

Time: 1559136840000 ms

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[{"symbol": "MSFT", "timestamp": "2019-05-29 09:32:00",  
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Time: 1559136900000 ms

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Time: 1559136960000 ms

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Time: 1559137020000 ms

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Time: 1559137080000 ms

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Time: 1559137140000 ms

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Time: 1559137200000 ms

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Time: 1559137260000 ms

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Time: 1559137320000 ms

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"273.8900", "volume": "7810"}}, {"symbol": "GOOGL", "timestamp":  
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Time: 1559137380000 ms

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Time: 1559137440000 ms

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Time: 1559137500000 ms

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"183.4443", "close": "183.6400", "volume": "57732"}}]
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Time: 1559137560000 ms

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Time: 1559137620000 ms

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Time: 1559137680000 ms

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Time: 1559137740000 ms

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Time: 1559137800000 ms

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Time: 1559137860000 ms

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Time: 1559137920000 ms

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"274.7300", "volume": "3118"}}, {"symbol": "GOOGL", "timestamp":  
"2019-05-29 09:50:00", "priceData": {"open": "1128.0400", "high":  
"1129.2600", "low": "1128.0400", "close": "1129.2600", "volume":  
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"priceData": {"open": "183.9800", "high": "184.5600", "low":  
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Time: 1559137980000 ms

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"274.8140", "high": "275.0800", "low": "274.7300", "close":  
"274.8300", "volume": "8557"}}, {"symbol": "GOOGL", "timestamp":  
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Time: 1559138040000 ms

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Time: 1559138100000 ms

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[{"symbol": "MSFT", "timestamp": "2019-05-29 09:53:00",  
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Time: 1559138160000 ms

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"275.0200", "high": "275.2500", "low": "274.9700", "close":  
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Time: 1559138220000 ms

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Time: 1559138280000 ms

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Time: 1559138340000 ms

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Time: 1559138400000 ms

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Time: 1559138460000 ms

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Time: 1559138520000 ms

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"183.6850", "close": "183.7400", "volume": "64216"}}]
```

Time: 1559138580000 ms

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Time: 1559138640000 ms

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"1125.3000", "low": "1124.0800", "close": "1124.9750", "volume":  
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