

Kafka Command Line Tool Installation

Installation

This is an instruction how to build and start Kafka Command Line Tool (hereinafter - Shell). The implementation is in progress under [KAFKA-1694](#).

To start Shell you need to have a running Kafka Cluster built from the given patch (attached under [KAFKA-1694](#)) and build the Shell itself.

1. Get the code.

Get the latest patch attached to [KAFKA-1694](#).

The patch was built against trunk, on top of revision 01f20e0 (for patch KAFKA-1694_2015-03-12_13:04:37.patch). So reset to this commit and then run to apply the patch:

```
git am KAFKA-1694_latest.patch
```

2. Build the code. Run:

```
./gradlew releaseTarGz
```

3. Start somewhere Kafka Cluster from archive under `./core/build/distributions/kafka_2.10-0.8.3-SNAPSHOT.tgz`

4. Unpack build archive and start Shell:

```
#cd <kafka_home>/core/build/distributions/ && rm -rf kafka_2.10-0.8.3-SNAPSHOT && tar -xf kafka_2.10-0.8.3-SNAPSHOT.tgz
```

5. Start the Shell:

```
sudo <kafka_home>/core/build/distributions/kafka_2.10-0.8.3-SNAPSHOT/bin/kafka.sh --shell --broker <host : port>
```

Where <host : port> is location of one of the running brokers from the Cluster.

6. To get Shell help run:

```
sudo <kafka_home>/core/build/distributions/kafka_2.10-0.8.3-SNAPSHOT/bin/kafka.sh --help
```

Sample usage

You can use Kafka Command Line Tool in two ways: 1) as a interactive shell 2) as a simple CLI.

E.g. to get list of topics you can:

- 1) Start Shell and run:

```
sudo bin/kafka.sh --shell --broker <host : port>
```

```
kafka> list-topics
```

Or

- 2) Run right from kafka.sh:

```
sudo bin/kafka.sh --list-topics --broker <host : port>
```