

ThriftInterface

The [Thrift](#) interface is a legacy API for [older clients](#).

If you are developing such a client with the Thrift API, see [API](#) for what data structures and method calls are available, and [ThriftExamples](#) for examples.

The purpose of using Thrift in Cassandra was to allow portable (across programming languages) access to the database. Thrift accomplishes this by generated source code for the programming language in question based on a Thrift IDL file describing the service (see [here](#)).

Let's see how we can use a generated python client to access Cassandra.

1. [Download Thrift](#) and [install it](#)
2. `cd cassandra/interface`
3. `thrift -gen py cassandra.thrift`
4. `cd gen-py/cassandra`

Run the script without arguments to get usage information:

```
Usage: ./Cassandra-remote [-h host:port] [-u url] [-f[ramed]] function [arg1 [arg2...]]
```

Some examples of setting and getting values:

```
$ ./Cassandra-remote -h cass-1:9160 insert Keyspace1 eevans "ColumnPath('Standard1', column='fruit')" apple 1
ConsistencyLevel.QUORUM
None
$ ./Cassandra-remote -h cass-1:9160 get Keyspace1 eevans "ColumnPath('Standard1', column='fruit')"
ConsistencyLevel.QUORUM
ColumnOrSuperColumn(column=Column(timestamp=1, name='fruit', value='apple'), super_column=None)
```

<https://c.statcounter.com/9397521/0/fe557aad/1/> | stats