

HBASE - EXISTS

http://www.tutorialspoint.com/hbase/hbase_exists.htm

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Existence of Table using HBase Shell

You can verify the existence of a table using the **exists** command. The following example shows how to use this command.

```
hbase(main):024:0> exists 'emp'
Table emp does exist

0 row(s) in 0.0750 seconds

=====

hbase(main):015:0> exists 'student'
Table student does not exist

0 row(s) in 0.0480 seconds
```

Verifying the Existence of Table Using Java API

You can verify the existence of a table in HBase using the **tableExists** method of the **HBaseAdmin** class. Follow the steps given below to verify the existence of a table in HBase.

Step 1

```
Instantiate the HBaseAdmin class

// Instantiating configuration object
Configuration conf = HBaseConfiguration.create();

// Instantiating HBaseAdmin class
HBaseAdmin admin = new HBaseAdmin(conf);
```

Step 2

Verify the existence of the table using the **tableExists** method.

Given below is the java program to test the existence of a table in HBase using java API.

```
import java.io.IOException;

import org.apache.hadoop.hbase.HBaseConfiguration;
import org.apache.hadoop.conf.Configuration;
import org.apache.hadoop.hbase.client.HBaseAdmin;

public class TableExists{

    public static void main(String args[])throws IOException{

        // Instantiating configuration class
        Configuration conf = HBaseConfiguration.create();

        // Instantiating HBaseAdmin class
        HBaseAdmin admin = new HBaseAdmin(conf);

        // Verifying the existence of the table
        boolean bool = admin.tableExists("emp");
        System.out.println( bool);

    }
}
```

Compile and execute the above program as shown below.

```
$javac TableExists.java  
$java TableExists
```

The following should be the output:

```
true
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```