

Executing CRUD Operations Using the HBase Java API



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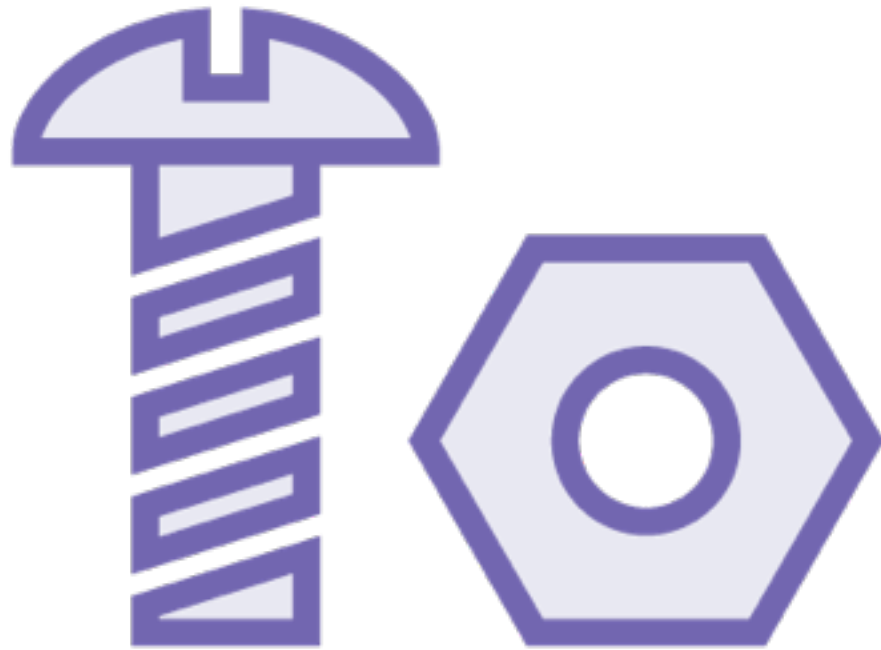
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Overview

Work with the HBase Java library to create, manipulate and delete data in HBase

The Java API to Work with HBase



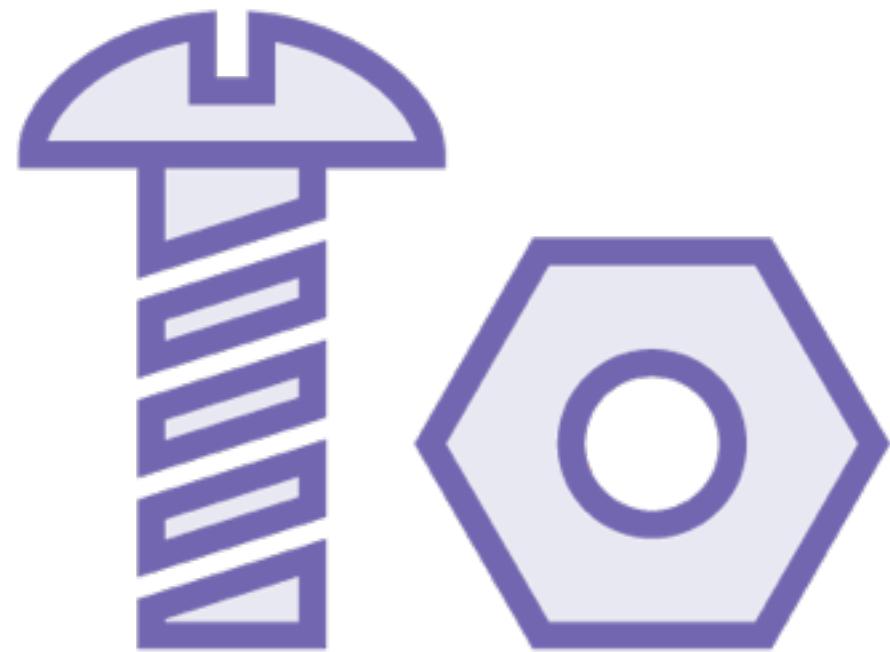
Boilerplate code

Connect to and access HBase



Operation-specific code

**Create, delete or manipulate
data and tables**



Instantiate a **configuration** object

Establish a **connection** to HBase

Use an **administration** object to
manipulate tables

Use a **table** instance to manipulate
data within a table



Operations using the admin object

- Column family schema definition
- create, delete, disable tables



Operations using the table instance

- Put data into tables
- Get data from tables
- Scan multiple rows
- Perform batch operations

Demo

**Create a table to hold census data using
the Java API**

Demo

Insert data using the Java API

Demo

**Access individual rows using the Java
API**

Demo

Access all rows in a table using the Java API

Demo

Delete cells using the Java API

Demo

**Disable and drop tables using the Java
API**

Summary

Understood how to use the HBase Java API to create, access, update, and delete data in HBase