# **Using Tabular Command Line Interface**

Tabular comes with a command line utility. This tool interacts with the Tabular API from a running server and lets you manage all aspects of the server.

These commands are done from a terminal window, inside the Tabular assembly folder:

$tabular\_installation\_folder/tabular/assembly/target/appassembler/

Alternatively, you can add the assembly folder to your PATH (see below for a Unix-based example):

$export PATH=$PATH:/tabular\_installation\_folder/tabular/assembly/target/appassembler/bin

This way you can use the Tabular command line from any folder in your terminal by typing tabular.

### **Starting Tabular**

Using either approach, Tabular can be started using default configurations by typing tabular (or bin/tabular if the assembly folder is not in your classpath).

### **Logging in**

### To log in to the Tabular command line, the following command is needed:

$bin/tabular login --username admin@opentabular.org --password changeme

where --username is a tabular user, and --password is their password (above credentials are for the default admin account)

### **Creating a project**

### To create a new project, enter the following command into the tabular command line

$bin/tabular projects --create

This will start the new project dialog. From there, enter the name as prompted (see below):

Creating a new project:

Name: Test Project

If the new project was created successfully, you should see the following message:

Created project with id A91DB81B-8CB6-4769-A473-9224800A0CC6

### **Creating an Archive Store**

To create an archive store (independent of a project), use the following command

$assembly/target/appassembler/bin/tabular archiveStoreInstances –create

This brings up the following dialog for making a new Archive Store

Creating a new archiveStoreInstance:

Name: Test Archive Store Instance

Implementation: localFS

You will then be given the chance to enter properties for this store (such as filepath in the case of a file system, or a driver URL in the case of a database).

Please enter the properties and values.

Property: localFsFilepath

Value: ~/archive

After each property, you will be asked if you have any more properties. To continue entering properties, enter 'Y'.

### **Creating an Archive Store Definition for a Project**

To create an Archive Store definition for a project, use the following command

$assembly/target/appassembler/bin/tabular archiveStoreDefinitions -- create

This will bring up the dialog for creating an Archive Store for a project:

Creating a new archiveStoreDefinition:

Name: Test Archive Store Def

You will then select an existing Project and an existing Archive Store to assign to this definition:

Select project by number, the options are below:

1/ Test Project

Enter choice:1

Select archiveStoreInstance by number, the options are below:

1/ Test Archive Store Instance

Enter choice:1

Implementation: localFS

NOTE: You must have already defined at least one Project and at least one Archive Store in order to create a new Archive Store Definition.

You will also have a chance to enter additional properties, similar to creating a new Archive Store

### **Creating an Information Store Instance for a Project**

### To create a new Information Store, use the following command

$assembly/target/appassembler/bin/tabular informationStores --create

The resulting dialog should look like this:

Creating a new informationStoreDefinition:

Name: Test Information Store

Similar to creating a new Archive Store Definition for a Project, you must have already defined at least one Project before creating an Information Store. You can then select the Project to assign the Information store to:

Select project by number, the options are below:

1/ Test Project

Enter choice:1

You will also have a chance to enter properties:

Please enter the properties and values.

Property: localFsFilePath

Value: ~/archive

Do you have any more properties? Y/N N

### **Creating an Channel**

Need details and example

### **Running a discovery task**

Need details and example

### **Running an archiving task**

Need details and example