

Brown Dog Tutorial - Beta Release

Slides	Materials
 Brown Dog <i>Tutorial Setup</i> NCSA I BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND 01 - Setup	Brown Dog Development Base Brown Dog Development Base (VM) Tutorial Materials
 Brown Dog <i>Using BDFiddle to Navigate the Data Transformation Service</i> NCSA I BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND 02 - BDFiddle	BDFiddle
 Brown Dog <i>Calling the Data Transformation Service API</i> NCSA I BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND 03 - Using the API	bd.py <i>handout:</i> <pre data-bbox="857 1255 1052 1514">#!/usr/bin/env python # coding: utf-8 # # This script demonstrates how to use the Brown Dog Data Transformation # Service API. It shows how to create a new transformation, how to # execute a transformation, and how to retrieve the results of a # transformation. # # Usage: # \$ python bd.py --help # # Options: # -h, --help show this help message and exit # -u, --url URL the URL of the Brown Dog Data Transformation # Service API # -t, --transform TRANS the name of the transformation to execute # -e, --exec EXEC the name of the execution to create # -r, --results RESULTS the name of the results to retrieve # -o, --output OUTPUT the output file to write the results to # -v, --verbose verbose output # -q, --quiet quiet output # -s, --ssl use SSL for the API # -c, --cert CERT the path to the client certificate # -k, --key KEY the path to the client key # -p, --port PORT the port to use for the API # -P, --proxy PROXY the proxy to use for the API # -S, --scheme SCHEME the scheme to use for the API # -U, --user USER the user to use for the API # -P, --password PASS the password to use for the API # -V, --version show the version of the script # -q, --quiet quiet output # -s, --ssl use SSL for the API # -c, --cert CERT the path to the client certificate # -k, --key KEY the path to the client key # -p, --port PORT the port to use for the API # -P, --proxy PROXY the proxy to use for the API # -S, --scheme SCHEME the scheme to use for the API # -U, --user USER the user to use for the API # -P, --password PASS the password to use for the API # -V, --version show the version of the script</pre>



converters-template

[illegible]

extractors-template

Adding Controllers

Exercise 10-10 *Write a program that implements the following:*

1. *Start an existing app.*

```
msd -f chrome://Web/Source/
/JS/
```
2. *Use a new browser window to check development mode (see the next exercise).*

```
msd -f chrome://Web/Source/
/index.html
```
3. *Write a controller.*

```
JS/ Controller
JS/ Controller.js
```
4. *Write a controller module (add the following to the end of Controller.js).*

```
module.exports = {
  // ...
};
```
5. *Write a controller controller.*

```
module.exports = {
  // ...
};
```
6. *Write an action controller.*

```
module.exports = {
  // ...
};
```
7. *Test your new controller.*

```
chrome://Web/Source/
/JS/Controller.js
```
8. *Test it with the Chrome Dev Console (see the next exercise).*

```
msd -f chrome://chrome://devtools
-> chrome://Web/Source/
/index.html
```