

PYTHON SWIFT EXAMPLES

CREATE A CONNECTION

This creates a connection so that you can interact with the server:

```
import cloudfiles
username = 'account_name:username'
api_key = 'your_api_key'

conn = cloudfiles.get_connection(
    username=username,
    api_key=api_key,
    authurl='https://objects.dreamhost.com/auth',
)
```

CREATE A CONTAINER

This creates a new container called my-new-container:

```
container = conn.create_container('my-new-container')
```

CREATE AN OBJECT

This creates a file hello.txt from the file named my_hello.txt:

```
obj = container.create_object('hello.txt')
obj.content_type = 'text/plain'
obj.load_from_filename('./my_hello.txt')
```

LIST OWNED CONTAINERS

This gets a list of containers that you own, and prints out the container name:

```
for container in conn.get_all_containers():
    print container.name
```

The output will look something like this:

```
mahbuckat1
mahbuckat2
mahbuckat3
```

LIST A CONTAINER'S CONTENT

This gets a list of objects in the container, and prints out each object's name, the file size, and last modified date:

```
for obj in container.get_objects():
    print "{0}\t{1}\t{2}".format(obj.name, obj.size, obj.last_modified)
```

The output will look something like this:

```
myphoto1.jpg 251262 2011-08-08T21:35:48.000Z  
myphoto2.jpg 262518 2011-08-08T21:38:01.000Z
```

RETRIEVE AN OBJECT

This downloads the object `hello.txt` and saves it in `./my_hello.txt`:

```
obj = container.get_object('hello.txt')  
obj.save_to_filename('./my_hello.txt')
```

DELETE AN OBJECT

This deletes the object `goodbye.txt`:

```
container.delete_object('goodbye.txt')
```

DELETE A CONTAINER

Note: The container must be empty! Otherwise the request won't work!

```
conn.delete_container(container.name)
```