

REST API Examples Using curl

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Convenience Variables

The curl commands below can be used directly if you define the following variables in your shell

```
host=<duracloud-hostname>
space-0=<any-name>
space-1=<any-name>
user=<username>
pword=<password>
file=<any-file-name>
```

DuraStore Notes

The curl commands in the DuraStore section expect a test file for uploads.

```
echo hello > ${file}
```

Note that if the target of a content or space retrieval (GET) has access permissions set to "OPEN", then the "-u" option in the curl commands is not required.

DuraStore

Get Stores

```
curl -u ${user}:${pword} https://${host}/durastore/stores
```

Get Spaces

```
curl -u ${user}:${pword} https://${host}/durastore/spaces
curl -u ${user}:${pword} https://${host}/durastore/spaces?storeID=1
```

Create Space

```
curl -u ${user}:${pword} -X PUT https://${host}/durastore/${space-0}
curl -u ${user}:${pword} -X PUT https://${host}/durastore/${space-1}?storeID=1
```

Store Content

```
curl -u ${user}:${pword} -T ${file} https://${host}/durastore/${space-0}/test.txt
curl -u ${user}:${pword} -T ${file} https://${host}/durastore/${space-0}/item.txt
```

Get Space

```
curl -u ${user}:${pword} https://${host}/durastore/${space-0}
curl -u ${user}:${pword} https://${host}/durastore/${space-1}?storeID=1
curl -u ${user}:${pword} https://${host}/durastore/${space-0}?prefix=test
```

Get Space Properties

```
curl -u ${user}:${pword} -I https://${host}/durastore/${space-0}
curl -u ${user}:${pword} -I https://${host}/durastore/${space-1}?storeID=1
```

Get Content

```
curl -u ${user}:${pword} https://${host}/durastore/${space-0}/test.txt
curl -u ${user}:${pword} https://${host}/durastore/${space-0}/test.txt?storeID=0\&attachment=true
```

Set Content Properties

```
curl -u ${user}:${pword} -X POST -H "x-dura-meta-color: green" https://${host}/durastore/${space-0}/test.txt
```

Get Content Properties

```
curl -u ${user}:${pword} -I https://${host}/durastore/${space-0}/test.txt
```

Delete Content

```
curl -u ${user}:${pword} -X DELETE https://${host}/durastore/${space-0}/test.txt
```

Delete Space

```
curl -u ${user}:${pword} -X DELETE https://${host}/durastore/${space-0}
curl -u ${user}:${pword} -X DELETE https://${host}/durastore/${space-1}?storeID=1
```