

Distributed Cloud Storage

DCS - is a File server that accepts a file and stores it across N redundant nodes.

Resource Group

LIST FILES

GET`/files/list`

List all files on the server

Example URI

GET `http://localhost:5000//files/list`**Response** `200`[Hide](#)

Headers

Content-Type: `application/json`

Body

```
[
  {
    "file_name": "test_file_1.txt",
    "id": "ef5d2258-27cd-11ea-8e88-a4c3f0b4a7fe"
  },
  {
    "file_name": "test_file_2.txt",
    "id": "ef6531d4-27cd-11ea-a4b7-a4c3f0b4a7fe"
  }
]
```

UPLOAD FILE

PUT`/files`

upload a new file

You may upload a file to the server by using form data key: file and the content as the file to upload Returns the ID of the created file(ID may be a unique identifier generated by the server)

Example URI

PUT `http://localhost:5000//files`

Request

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Headers

```
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7M
```

Body

```
----WebKitFormBoundary7MA4YWxkTrZu0gW
Content-Disposition: form-data; name="file"; filename="/D:/Users/prs
Content-Type: text/plain

(data)
----WebKitFormBoundary7MA4YWxkTrZu0gW
```

Response 200

[Hide](#)

Headers

```
Content-Type: text/plain
```

Body

```
5e1b3c4c-27f0-11ea-9a34-a4c3f0b4a7fe
```

Response 409

[Hide](#)

Headers

```
Content-Type: text/plain
```

Body

```
File Already Exists
```

RETRIEVE A FILE

GET

Download a file from the server

You can download a file from the server by the file's ID or Name

Example URI

GET http://localhost:5000//files/

Response 200

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Headers

Content-Type: application/octet-stream

Response 404

Hide

Headers

Content-Type: text/plain

Body

requested object 5e1b3c4c-27f0-11ea-9a34-a4c3f0b4a7fe is not found

Response 500

Hide

Headers

Content-Type: text/plain

Body

one or more chunks are missing

DELETE

/files/

Delete a file from the server

You can delete the file on the server by giving the ID or Name of the file

Example URI

DELETE http://localhost:5000//files/

Response 200

Hide

Headers

Content-Type: text/plain

Body

object 5e1b3c4c-27f0-11ea-9a34-a4c3f0b4a7fe deleted successfully

Response 404

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Headers

Content-Type: text/plain

Body

Requested object 5e1b3c4c-27f0-11ea-9a34-a4c3f0b4a7fe is not found

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