



Model Documents via API

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Overview

This article will cover how to upload documents, how to download documents, and how to delete documents via the API.

Upload Document

Parameters

- Content
 - The path where the document is stored. This should include the file itself.
- Data
 - Passes in document information.
- Cols
 - Confirms succession of data being passed in.

Required Fields

- "file_name":"<--File Name (w/ extension)-->"
- "document_type":"file"
- "doc_label":"default"
- "owner_model":{"model_type":"<--Class-->","id":"<--Record ID-->"}
- "storage_type":"file"
- "content_type":"text/plain"

Please ensure the owner_model field is populated. If it is not populated it may cause issues.

We highly recommend including the created_by field to the API call.

The doc_label field refers to the Document component (if you have more than one).

Example API Call

```
curl --globoff -X POST "https://<your Fluxx site>/api/rest/v2/model_document" -F
'content=@/home/<user>/document_test.txt' -F
'data={"doc_label":"default","owner_model":{"model_type":"grant_request","id":21277590},"storage_type":"file","content_type":"text/plain","file_name":"document_test.txt","document_type":"file","created_by_id":263502}' -F
'cols=["document_file_name","document_content_type","document_file_size","documentable_type","documentable_id","model_document_type_id","document_type","created_by"]' --header
'Authorization: Bearer <--token-->'
```

Returned Payload

```
{
  "model_document": {
    "id": 6293432,
    "document_file_name": "document_test.txt",
    "document_content_type": "text/plain",
    "document_file_size": 36,
```

```
"documentable_type": "GrantRequest",  
"documentable_id": 21277590,  
"document_type": "file",  
"created_by": [  
  263502  
]  
}  
}
```

Notes

Common Content-Types are as follows:

- PDF - application/pdf
- DOCX - application/vnd.openxmlformats-officedocument.wordprocessingml.document
- XLSX - application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
- Text - text/plain

Please see this [Media Types](#) article for additional information.

Download Document

Parameters

- Output
 - The output specifies the folder the document is downloaded to.

Example of Output Parameter

```
-- output test_file.pdf
```

If the document has more than one word you can do the following:

- Replace the whitespace with an underscore.
 - Ex. test_file.pdf
- Use a \ space to account for the whitespace.
 - Ex. test\ file.pdf
 - Ex. fluxx\ test\ file.pdf
- Wrap the name in single quotes.
 - Ex. 'test file.pdf'

Example API Call

```
curl --globoff 'https://<your Fluxx site>/api/rest/v2/model_document_download/<document id>' --  
output <path to where you want output, filename and extension> --header 'Authorization: Bearer  
<token>'
```

Here is an example of an output:

```
/home/<username>/Downloads/test_file.pdf
```

Returned Payload

There will be no static output to the terminal. The file will begin downloading. You should see a progress indicator in the terminal.

If you do not want to see the progress indicator, you can add a -s to the API call (after --globoff).

% Total	% Received	% Xferd	Average Dload	Speed Upload	Time Total	Time Spent	Time Left	Current Speed
100	14336	0 14336	0 0	15608	0	--:--:--	--:--:--	15599

Delete Document

Example API Call

```
curl --globoff -X DELETE "https://<your Fluxx site>/api/rest/v2/model_document/<--document id-->" --  
header 'Authorization: Bearer <--token-->'
```

Returned Payload

true

Hard Delete Document

Please reach out to your CSM if you wish to hard delete documents.

Example API Call

```
curl --globoff -X DELETE "https://<your Fluxx site>/api/rest/v2/model_document/<--document id-->?hard_delete=1" --header 'Authorization: Bearer <--token-->'
```

Returned Payload

true
