

Documents Application Program Interface (API)

The URL generally has the form `/api/<resource>/<action>`, which could either retrieve a result or perform some action.

When retrieving a result, the API expects a HTTP GET method, and when performing an action it expects a HTTP POST.

The resource `/api/documents` refer to all the documents in the database. To address a specific document, use a URL of the form `/api/documents/{unique id}/<action>`.

Obtaining the Unique ID for this API

An input for this API is a document unique ID. You can either use the Entity API or the Accounts API to fetch a complete list of documents associated with either the Entity or the Account, and then obtain the Unique ID of a specific document. Then you can use this API to fetch further details pertaining to the document.

GET: `/api/entities/{unique_id}` - provide the Client Number (Personal Details card -> View Details on the front-end) and you will get all documents with their corresponding Unique ID's in the response. This Unique ID can be used in this call

OR

GET: `/api/accounts/{accountNumber}/documents` - provide the Contract number and get all documents associated with the contract with their corresponding Unique ID's which can be used in this call.

Successful results are returned as HTTP 200 or 201 responses, with the body containing JSON data. Defined error responses will be in the HTTP 400 range, and undefined server errors in the HTTP 500 range.

Error responses contain the following JSON format:

```
{
  "errors" : [
    {
      "description" : "<error description>",
      "code" : "<error code>",
      "index" : <integer>
    }
  ]
}
```

```
    }  
  ]  
}
```

where the error description is a detailed description of the error, and the error code is a short reference to the error.

Index is an optional error field and is present when the request data is an array of objects. It indicates the position of the offending object in the request array.

Supported API calls

Document details	3
Document contents	4

1 Document details

GET: /api/documents/{uniqueId}

Example request:

/api/documents/2217472

Example JSON response:

```
{
  "Label": "a document",
  "Type": "Id Proof",
  "Date": "2005-05-13",
  "Expiry date": "2007-05-13",
  "Filename": "",
  "Document id": 2217472
}
```

Error examples:

HTTP response	Code	Description
404	NotFound	Invalid uniqueId

2 Document contents

GET: /api/documents/{uniqueId}/contents

Content-Type: {MIME type of the file}

Example request:

/api/documents/2217472/contents

JSON response:

HTTP: 200

Content-Type: application/pdf

Response contains pdf binary data.

Error examples:

HTTP response	Code	Description
404	NotFound	Invalid uniqueId
500	NotFound	Document has no associated file