

Document

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Tags: [document api](#) [document version api](#)

Versions

Versions this documentation is relevant for:

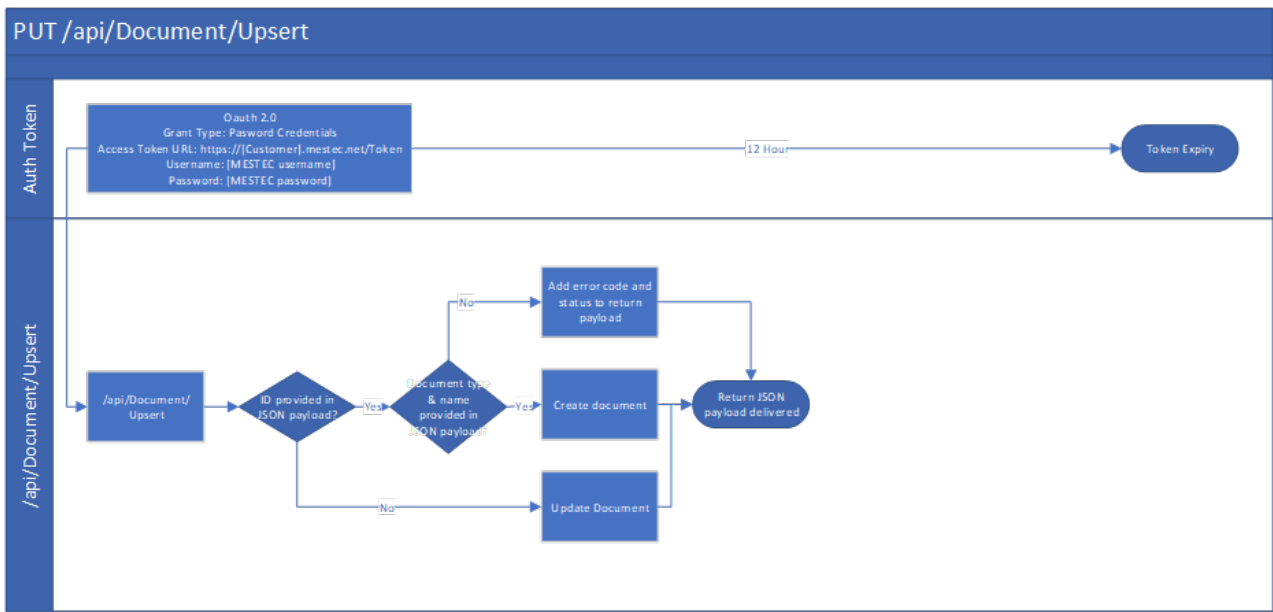
- 8.7.0+

Upsert

When document ID is provided, the Document – Upsert API call checks if a document with the given ID already exists. If it does, the appropriate fields are updated in the matching document in Eyelit MES-M.

When the document ID is omitted, a new document will be created.

Figure 1 - Logic within Document/Upsert API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to upsert documents. If parameters are passed in through the body that return no valid results a new document will be created, otherwise the tool identified will be updated.

Request

Table 1 shows the method and endpoint required to make the API call to upsert documents.

Table 1 - Outbound Message Detail for Document - Upsert

Method	URL Structure	Endpoint
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PUT [https://\[environment\].mestec.net /api/Document/Upsert](https://[environment].mestec.net /api/Document/Upsert)
The body of the payload should follow the format below.

JSON Structure for Document Upsert

```
{
  "id": 0,
  "documentType": "string",
  "name": "string"
}
```

See Table 2 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 2 – Parameter Information for Document – Upsert

Parameter Name	Data Mapping	Data Type	Mandatory		Case Sensitive	Match Type
			Create	Update		
id	DOCUMENT.ID	Integer	No	Yes	N/A	Exact
documentType	DOCUMENTTYPE.NAME	String	Yes	No	N/A	Exact
name	DOCUMENT.NAME	String	Yes	No	N/A	N/A

Note: For any fields where the match type is ‘Like’, a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To create a document:

JSON Sample for Document Upsert to create a new document

```
{
  "documentType": "Work Instructions",
  "name": "Make cake batter"
}
```

To update a document's type:

JSON Sample for Document Upsert to update a document

```
{
  "id": 12345,
  "documentType": "Cake Instructions"
}
```

Response

When using the Document – Upsert API call, a JSON payload will be returned containing data in the following structure:

JSON Structure for Document Upsert

```
{
  "id": 0,
  "documentType": "string",
  "name": "string"
}
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

JSON Sample for Document Upsert

```
{
  "id": 12345,
  "documentType": "Work Instructions",
  "name": "Make cake batter"
}
```

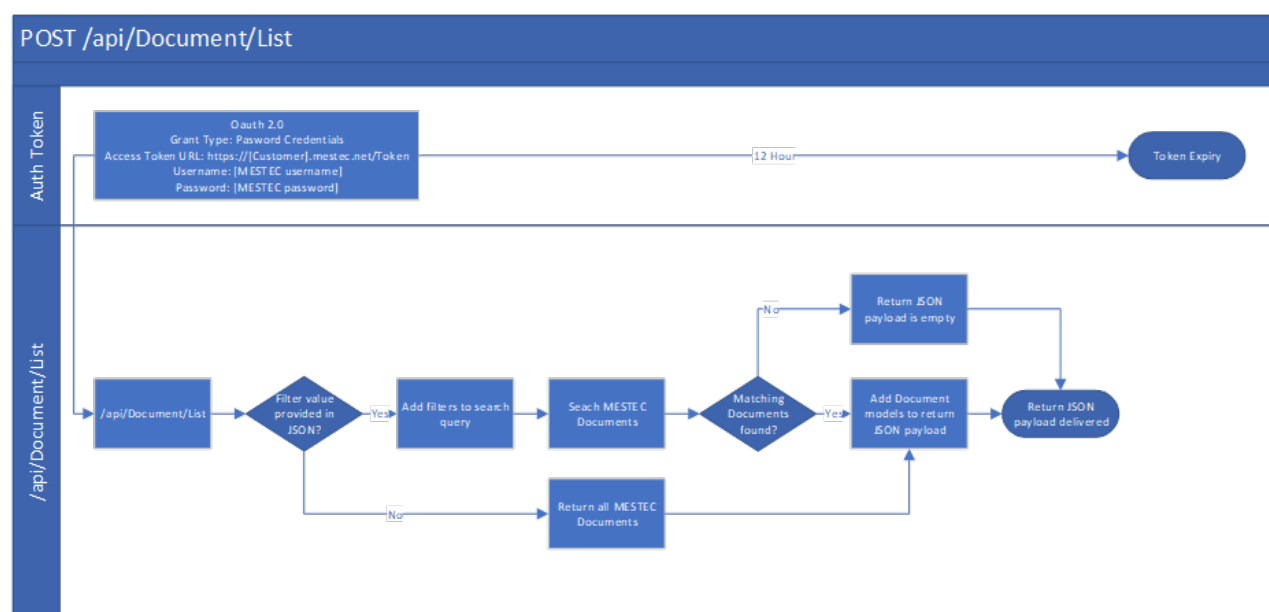
List

The Document – List API call reads existing documents from Eyelit MES-M. The data can be filtered based on the parameters passed in the body/payload of the JSON packet giving the flexibility to search for one or multiple documents.

Using the Document – List API call has no impact on the data within the given Eyelit MES-M application, it is read-only.

Figure 2 shows the logic used within the Document – List API call.

Figure 2- Logic within Document/List API Call



Data Prerequisites

Data Requirements

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to list documents. If parameters are passed in through the body that return no valid results, an empty payload will be returned.

Request

Table 3 shows the method and endpoint required to make the API call to list documents.

Table 3 - Outbound Message Detail for Document- List

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/Document/List

The body of the payload should follow the format below.

Figure 8 - JSON Structure for Document List

```
{
  "id": 0,
  "documentType": "string",
  "name": "string"
}
```

See Table 4 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 4 – Parameter Information for Document – List

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
id	DOCUMENT.ID	Integer	No	N/A	Exact
documentType	DOCUMENTTYPE.NAME	String	No	N/A	Exact
name	DOCUMENT.NAME	String	No	N/A	Exact

Note: For any fields where the match type is 'Like', a percent symbol should be used as a wild card character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To list all documents:

JSON Structure for Document List – list all documents

```
{
}
}
```

To list documents of the document type "Work Instruction":

JSON Structure for Document List – list all documents of a specific type

```
{
  | "documentType": "Work Instruction"
}
```

Response

When using the Document – List API call, a JSON payload will be returned containing data in the following structure:

JSON Sample for Document List

```
{
  | "id": 0,
  | "documentType": "string",
  | "name": "string"
}
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

No results were found that matched the given parameters:

```
[
]
```

Document found that matched the given parameters:

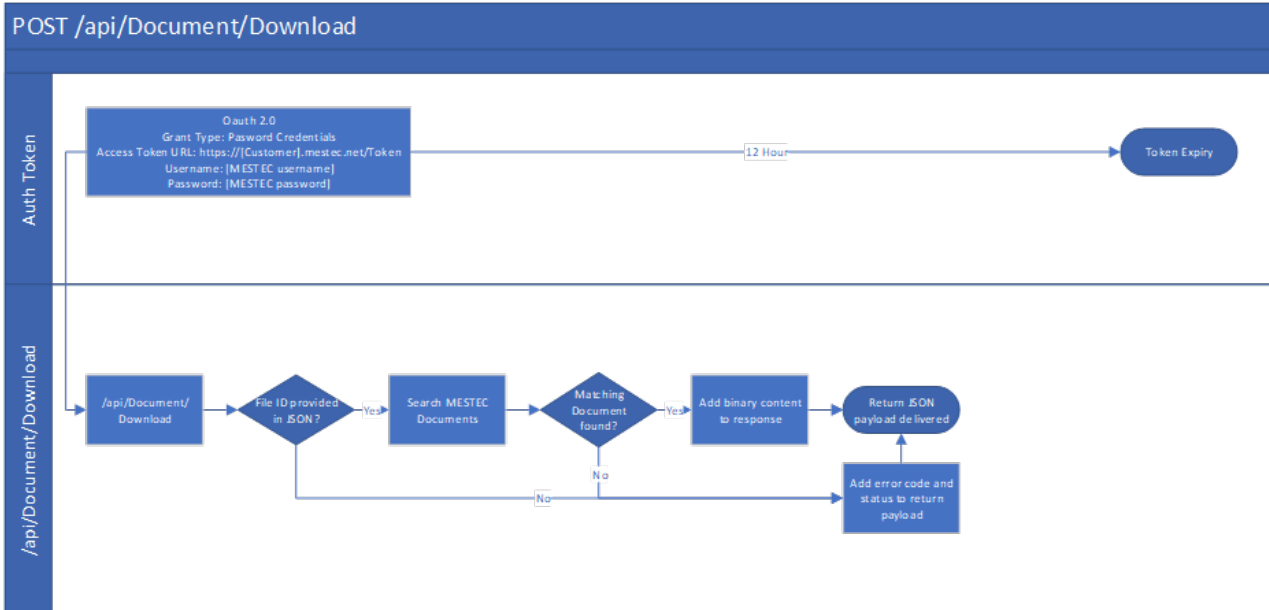
```
[
  | {
    |   "id": 12345,
    |   "documentType": "Work Instruction",
    |   "name": "Bake cake"
  }
]
```

Download

The Document – Download API call attempts to download a document as binary content in the response.

Figure 3 shows the logic used within the Document – Download API call.

Figure 3 – Logic within Document/Download API call



Prerequisites

In order to download a document, the document must exist in Eyelit MES-M.

Request

Table 5 shows the method and endpoint required to make the API call to download documents.

Table 5 - Outbound Message Detail for Document - Download

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/Document/Download

The body of the payload should follow the format below.

JSON Structure for Document Download

```
{
  "fileid": "string",
  "type": "string"
}
```

See Table 6 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 6 - Parameter Information for Document - Download

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
fileid	DOCUMENT.ID DOCUMENT.VERSION*	String	Yes	N/A	Exact
type	FILEUSETYPE.NAME	String	Yes	N/A	Exact

* DOCUMENT VERSION is only applicable if the document is a drawing. For all other document types, the version field is not applicable.

Note: For any fields where the match type is 'Like', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

*The pipe '|' is optional to separate the version. The version is not required, only the ID is.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

```
{  
  "fileid": "1134|1",  
  "type": "Document"  
}
```

NOTE: for downloading documents, the type must always be "Document".

Response

When using the Document – Download API call, if a document has been found to be downloaded, the response will contain the binary content of the document.
