

# API DOCUMENTS

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## 1. Login

Login API handles user login process

### Header

```
Content-Type: application/x-www-form-urlencoded
```

### URL

```
(POST) https://www.xxxxxxx.com/HoGo/api/v1/Login
```

### Authentication

This API does not require login.

### Request parameters

Name	Data Format	Description
EmailAddress	string	(Required) User's Email Address
Password	string	(Required) User's password (to be encoded MD5)
KeepMeLogin	boolean	(Optional) Keep user's session long term default: false

### Response example

```
{
  "status": "OK",
  "token": "d0637f98f3d549c5bc97eb654e9a6c01"
}
```

### API Specific Status Value

Status Value	Description
WrongPassword	Password did not match

## 2. GetDocumentList

Get all Document IDs that the specified user has.

### Header

Content-Type: application/x-www-form-urlencoded

### URL

(POST) https://www.xxxxxxx.com/HoGo/api/v1/GetDocumentList

### Authentication

This API requires User Token (SessionID) authentication

### Request parameters

Name	Data Format	Description
SessionID	string	(Required) <ul style="list-style-type: none"><li>➤ Capture SessionID from http login request</li><li>➤ Validate SessionID with user session id from database.<ul style="list-style-type: none"><li>▪ If SessionID is validated and still not expired, allow continues process request and update expiry date for this SessionID. Expiry Date= Date Time Now + Time duration expiry (by default 30 minutes)</li></ul></li></ul> <p>If SessionID was not validated or was expired, not allow process this request and return error request</p>
SearchString	string	(Optional) Search string for using filter response.
SortType	number	(Optional) Sort by. <ul style="list-style-type: none"><li>1: Title in ascending order</li><li>2: Title in descending order</li><li>3: Description in ascending order</li><li>4: Description in descending order</li><li>5: CreateDate in ascending order</li><li>6: CreateDate in descending order</li><li>7: Staus in ascending order</li><li>8: Status in descending order</li></ul> <p>* Default value is 6</p>

**Response example**

```
{
  "status": "OK",
  "document_id": [
    "0123456789abcdef0123456789abcdef",
    ...
  ],
}
```

**API Specific Status Value**

Status Value	Description
sessionIDNotFound	User must login
InputParameterError	Required input parameters were not found

### 3. GetDocumentListDetail

Get all Document with details that the specified user has.

#### Header

Content-Type: application/x-www-form-urlencoded

#### URL

(POST) https://www.xxxxxxx.com/HoGo/api/v1/GetDocumentListDetail

#### Authentication

This API requires User Token (SessionID) authentication

#### Request parameters

Name	Data Format	Description
SessionID	string	(Required) ➤ Capture SessionID from http login request ➤ Validate SessionID with user session id from database. <ul style="list-style-type: none"><li>If SessionID is validated and still not expired, allow continues process request and update expiry date for this SessionID. Expiry Date= Date Time Now + Time duration expiry (by default 30 minutes)</li></ul> If SessionID was not validated or was expired, not allow process this request and return error request
DisplayLength	number	(Required) Maximum number of result per page
DisplayStart	number	(Required) Input 0 by default
sEcho	number	(Required) Input 1 by default
SearchString	string	(Optional) Search string for using filter response.
SortType	number	(Optional) Sort by. 1: Title in ascending order 2: Title in descending order 3: Description in ascending order 4: Description in descending order 5: CreateDate in ascending order 6: CreateDate in descending order 7: Staus in ascending order 8: Status in descending order  * Default value is 6

### Response example

```
{
  "status": "OK",
  "document_detail": [
    {
      "last_modify_date": "2016/12/03 10:59:20",
      "thumbnail": "",
      "be_contents_id": "40c27bd2977645c79f1479011f0460de",
      "file_name": "Android Testing.pdf",
      "description": "",
      "id": "e92f9f16449a4501a20fadc3b7eb8b",
      "title": "Android Testing.pdf",
      "type": 1,
      "create_date": "2016/12/03 10:59:20",
      "be_contents_id_prn": "58bb6eb0d32c4e34a9c171968182d2fb",
      "file_size": 604865,
      "status": 1
    },
    ...
  ],
}
```

### API Specific Status Value

Status Value	Description
SessionIDNotFound	User must login
InputParameterError	Required input parameters were not found

## 4. GetDocumentDetail

Get Documents detail information.

### Header

Content-Type: application/x-www-form-urlencoded

### URL

(POST) https://www.xxxxxxx.com/HoGo/api/v1/GetDocumentDetail

### Authentication

This API requires User Token (SessionID) authentication

### Request parameters

Name	Data Format	Description
DocumentID	string	(Required) ID of the document. Capture from GetDocumentList or GetDocumentListDetail
SessionID	string	(Required) <ul style="list-style-type: none"><li>➤ Capture SessionID from http login request</li><li>➤ Validate SessionID with user session id from database.<ul style="list-style-type: none"><li>▪ If SessionID is validated and still not expired, allow continues process request and update expiry date for this SessionID. Expiry Date= Date Time Now + Time duration expiry (by default 30 minutes)</li><li>▪ If SessionID was not validated or was expired, not allow process this request and return error request</li></ul></li></ul>

### Response example

```
{
  "status": "OK",
  "detail": {
    "e92f9f16449a4501a20fadfcc3b7eb8b": {
      "last_modify_date": "2016/12/03 10:59:20",
      "thumbnail": "",
      "be_contents_id": "40c27bd2977645c79f1479011f0460de",
      "file_name": "Android Testing.pdf",
      "description": "",
      "title": "Android Testing.pdf",
      "type": 1,
      "create_date": "2016/12/03 10:59:20",
```

```

    "be_contents_id_prn": "58bb6eb0d32c4e34a9c171968182d2fb",
    "file_size": 604865,
    "status": 1
  }
}
}

```

#### Response properties

Name	Type	Description
detail	object	Object includes all Documents detail information.
document_id	object	Object includes Document detail information. * Actual value is Document ID specified by Parameter.

#### Response properties in “document\_id” object

Name	Type	Description
title	string	Document title
description	string	Document description
be_contents_id	string	Non printable Document’s ContentsID of Bookend Service
be_contents_id_prn	string	Printable Document’s ContentsID of Bookend Service
status	number	Document status 1: Active 2: Removed 3: Encoding
type	number	Document file type 1: PDF * Other values are reserved for possible future extension
create_date	string	Date string of Document creation date in UTC
lastmodify_date	string	Date string of Document last modify date in UTC