



# API USER JOURNEY- MEDIA

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Version 3.0

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## REVISION HISTORY

Version	Date	Summary
1.0	11/03/2018	Base Version <ul style="list-style-type: none"> <li>- Media Provider API published as part of Provider API User Journey technical documentation.</li> <li>- Media User API published as part of Consumer API User Journey technical documentation.</li> </ul>
2.0	12/11/2018	Revision – TIH2.0 <ul style="list-style-type: none"> <li>- No specific changes on Media API</li> </ul>
3.0	12/04/2019	Revision <ul style="list-style-type: none"> <li>- Technical Documentation created with regrouping of APIs, with this document specifically created for group of APIs under Media, which contains:               <ul style="list-style-type: none"> <li>○ Media Provider API</li> <li>○ Media User API</li> </ul> </li> <li>- Removed deprecating APIs (from Media User API):               <ul style="list-style-type: none"> <li>○ listCategories</li> <li>○ (media)SearchByTags</li> </ul> </li> <li>- Added step-by-step Media Creation Guide and Media Download Guide</li> </ul>

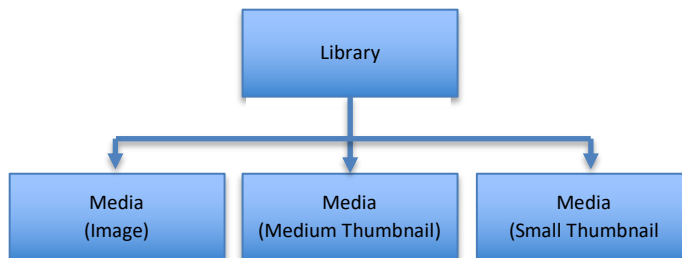
## 1. Media API

Media APIs allow applications to contribute and extract media, such as video and images from the Tourism Information and Services Hub (TIH).

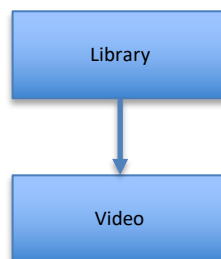
### 1.1. Introduction

The following are the entity relationships between *library* and *media / video / document*.

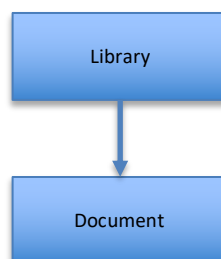
- Entity relationship between *library* and *media*



- Entity relationship between *library* and *video*

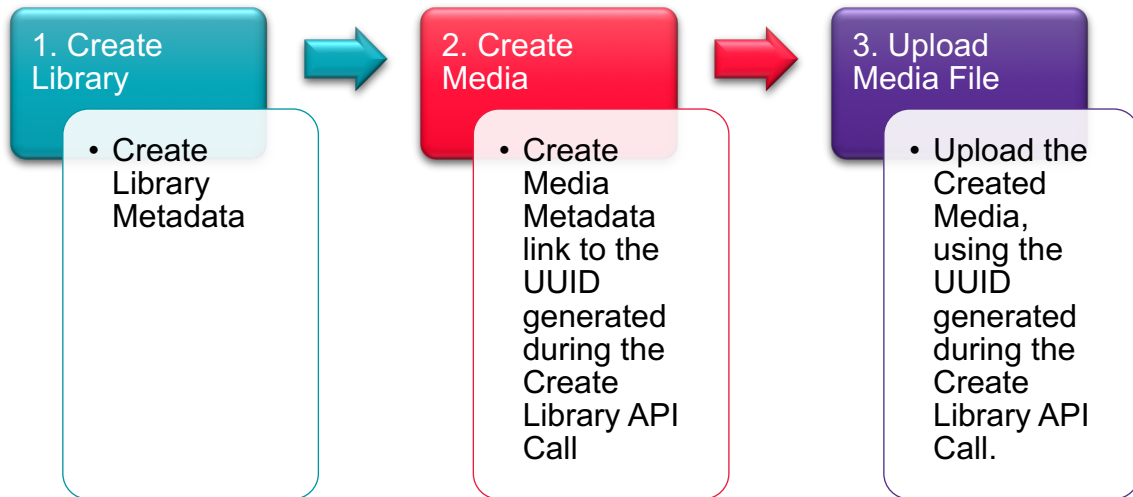


- Entity relationship between *library* and *document*



## 1.2. Media Creation Guide

To contribute media assets, developers must first create *library* prior to creating *media* assets. The step-by-step process can be seen in the following diagram.



1. Create Library  
To create library metadata, use [createLibrary](#) API.
2. Create Media  
To create media metadata, use create(media) API such as [createImage](#) or [createVideo](#) API.
3. Upload Media File  
To upload media file, use [uploadMedia](#) API.

### 1.3. Media Download Guide

To download media, developers can follow the following 2-steps process:

- 1) identify media UUID, for example:
  - From those media uploaded as part of contents POIs (refer to the response from Content User API, for example `searchKeywordByMultiDataset` API)
  - From those returns from media search API (for example: `searchMediaByKeyword` API)
  
- 2) With the media UUID, you can then download the media using the `downloadMedia` API.  
**IMPORTANT:** Please note that you need to specify the `fileType` parameter, either “Medium Thumbnail” or “Small Thumbnail” to download thumbnail images. Do not include any `fileType` parameter to download the original image.



## 2. Media Provider API

### 2.1. Library

The Library APIs allow developers to create, update, delete and retrieve Library details.

GET <b>librarySearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/library/search">https://tih-api.stb.gov.sg/media/v1/admin/library/search</a>		
Performs a search on Media Libraries based on a keyword. The query parameters include: keyword, sort and next token. The mandatory field for this request is keyword.		
REQUEST		
Parameters	Description	Mandatory
keyword	Keyword to look for when performing the search function	Yes
sort	Type of sorting to be done on the result set	No
nextToken	Next Token which will be used to retrieve the next set of records.	No
Example		
<pre>{   "keyword": "Gardens by the bay",   "sort": "name",   "nextToken": "MNXW2LTTORRC45DJNAXGG33SMUXG233EMVWC4QLUORZGCY3UNFXW4UTFMZJWKY LSMNUFEZLTOVWHIJJXIMSTOQZRG13SKN2DEU3UGMRQEU3UGJJXIMZDAJJXIMSTOQ3UPFYGKJJTI QSTOQZFG5BWWZLZ05XXEZBFGNCGCJJXIMSTOQ3EMF2GC43POVZGGZJFGNCCKN2DEU3UG" }</pre>		

<b>POST</b> <b>createLibrary</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/library">https://tih-api.stb.gov.sg/media/v1/admin/library</a>		
Allows the creation of a Library. To create successfully, the following input parameters are mandatory: name, description, category, subCategory and tags.		
REQUEST		
Parameters	Description	Mandatory
body	JSON which holds all the properties of the Library to be created.	Yes
Example		
<pre>{   "uuid": "",   "name": "A bunch of Rice Dumplings",   "description": "Vertical shot of a bunch of rice dumplings",   "category": "Attractions",   "subCategory": [     "History &amp; Culture"   ],   "tags": ["Central"], }</pre>		

<b>DELETE</b> <b>deleteLibrary</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/library/{uuid}">https://tih-api.stb.gov.sg/media/v1/admin/library/{uuid}</a>		
Allows the deletion of an existing Library through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using librarySearchByKeyword API. Image/Document/Video record(s) associated to the Library record has to be deleted.		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify an Library	Yes
Example		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6", }</pre>		

PUT <b>updateLibrary</b> https://tih-api.stb.gov.sg/media/v1/admin/library/{uuid}		
Allows an existing Library to be updated through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using librarySearchByKeyword API.		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify a Library. Refer to <i>Example</i> .	Yes
body	JSON which holds all the properties of the Library to be created. Refer to <i>Example</i> .	Yes
Example		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6",   "name": "A bunch of Rice Dumplings",   "description": "Vertical shot of a bunch of rice dumplings",   "category": "Attractions",   "subCategory": [     "History &amp; Culture"   ],   "tags": ["Central"], }</pre>		

## 2.2. Document

Document APIs allow developers to retrieve Document details based on either the uuid, keyword or document.

GET <b>documentSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/document/search">https://tih-api.stb.gov.sg/media/v1/admin/document/search</a>		
Performs a search on Documents based on a keyword. The query parameters include: keyword, sort and next token. The mandatory field for this request is keyword		
REQUEST		
Parameters	Description	Mandatory
keyword	Keyword to look for when performing the search function	Yes
sort	Type of sorting to be done on the result set	No
nextToken	Next Token which will be used to retrieve the next set of records	No
Example		
<pre>{   "keyword": "Gardens by the bay",   "sort": "name",   "nextToken": "MNXW2LTTORRC45DJNAXGG33SMUXG233EMVWC4QLUORZG3Y3UNFXW4UTFMZJWKY LSMNUFEZLTOVWHIJJXIMSTOQZRG3SKN2DEU3UGMRQEU3UGJXXIMZDAJJXIMSTOQ3UPFYGKJJTI QSTOQZFG5BWWZLZO5XXEZBFGNCGCJJXIMSTOQ3EMF2GC43POVZGGZJFGNCKN2DEU3UG" }</pre>		

POST <b>createDocument</b> https://tih-api.stb.gov.sg/media/v1/admin/document		
Allows the creation of a Document. To create successfully, the following input parameters are mandatory: name, description, category, subCategory and tags. Approach is to create <i>library</i> prior to create <i>document</i> asset.		
REQUEST		
Parameters	Description	Mandatory
body	JSON which holds all the properties of the Document to be created. Refer to <i>Example</i> .	Yes
Example		
<pre>{   "uuid": "",   "name": "qzm0yxht1yifqxr2grihj6cb8dyh34.tif",   "description": "Peranakan Tile Gallery. Photo by Andrew JK Tan.",   "tags": ["Central"],   "category": "Attractions",   "subCategory": [     "History &amp; Culture"   ],   "fileSize": 62044224,   "duration": 0,   "width": 0,   "height": 0,   "url": "Interior of Peranakan Tile Gallery_Andrew JK Tan.tif",   "libraryUuid": "",   "fileType": "1",   "mimeType": "application/octet-stream",   "mediaType": "document", }</pre>		

DELETE deleteDocument		
https://tih-api.stb.gov.sg/media/v1/admin/document/{uuid}		
<p>Allows the deletion of an existing Document through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using documentSearchByKeyword API.</p>		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify a document	Yes
Example		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6", }</pre>		

PUT updateDocument		
https://tih-api.stb.gov.sg/media/v1/admin/document/{uuid}		
<p>Allows an existing Document to be updated through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using documentSearchByKeyword API.</p>		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify a document. Refer to <i>Example</i> .	Yes
body	JSON which holds all the properties of the document to be created. Refer to <i>Example</i> .	Yes
Example		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6",   "name": "qzm0yxht1yifqxr2grihj6cb8dyh34.tif",   "description": "Peranakan Tile Gallery. Photo by Andrew JK Tan.",   "tags": ["Central"],   "category": "Attractions",   "subCategory": [     "History &amp; Culture"   ],   "fileSize": 62044224,   "duration": 0,   "width": 0,   "height": 0,   "url": "Interior of Peranakan Tile Gallery_Andrew JK Tan.tif", }</pre>		

```
"libraryUuid": "",  
"fileType": "1",  
"mimeType": "application/octet-stream",  
"mediaType": "document",  
}
```

## 2.3. Image

Image APIs allow developers to retrieve, create, update and delete image details.

GET <b>imageSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/image/search">https://tih-api.stb.gov.sg/media/v1/admin/image/search</a>		
Performs a search on Images based on a keyword. The query parameters include: keyword, sort and next token. The mandatory field for this request is keyword.		
REQUEST		
Parameters	Description	Mandatory
keyword	Keyword to look for when performing the search function	Yes
sort	Type of sorting to be done on the result set	No
nextToken	Next Token which will be used to retrieve the next set of records.	No
Example		
<pre>{   "keyword": "Gardens by the bay",   "sort": "name",   "nextToken": "MNXW2LTTORRC45DJNAXGG33SMUXG233EMVWC4QLUORZGCY3UNFXW4UTFMZJWKY LSMNUFEZLTOVWHIJJXIMSTOQZRG13SKN2DEU3UGMRQE3UGJXXIMZDAJXXIMSTOQ3UPFYGKJJTI QSTOQZFG5BWWZLZ05XXEZBFGNCGCJXXIMSTOQ3EMF2GC43POVZGGZJFGNCCKN2DEU3UG" }</pre>		



**POST** **createImage**  
<https://tih-api.stb.gov.sg/media/v1/admin/image>

Allows the creation of an Image. To create successfully, the following input parameters are mandatory: name, description, category, subCategory and tags.

A Library record is required (libraryUuid), to associate the image file. Approach is to create *library* prior to create *media* asset.

REQUEST		
Parameters	Description	Mandatory
body	JSON which holds all the properties of the Image to be created.	Yes

**Example**

```
{
  "uuid": "",
  "name": "Aqueen Heritage Hotel Joo Chiat",
  "description": "National Gallery Singapore. Image by Charles Loh",
  "tags": ["Central"],
  "category": "Attractions",
  "subCategory": "Leisure & Recreation",
  "fileSize": 6235281,
  "duration": 0,
  "width": 0,
  "height": 0,
  "url": "AssetFiles2xisga6xlmvwwqfxybug22ff65rxbr.jpg",
  "libraryUuid": "104d57923fd702d407a9f13a095addb4a84",
  "fileType": "1",
  "mimeType": "image/jpeg",
  "mediaType": "image",
}
```

<b>DELETE</b>	<b>deleteImage</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/image/{uuid}" style="color: white;">https://tih-api.stb.gov.sg/media/v1/admin/image/{uuid}</a>	
<p>Allows the deletion of an existing Image through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using imageSearchByKeyword API.</p>		
<b>REQUEST</b>		
<b>Parameters</b>	<b>Description</b>	<b>Mandatory</b>
uuid	Attribute used to uniquely identify an Image	Yes
<b>Example</b>		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6", }</pre>		

<b>PUT</b>	<b>updateImage</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/image/{uuid}" style="color: white;">https://tih-api.stb.gov.sg/media/v1/admin/image/{uuid}</a>	
<p>Allows an existing Image to be updated through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using imageSearchByKeyword API.</p>		
<b>REQUEST</b>		
<b>Parameters</b>	<b>Description</b>	<b>Mandatory</b>
uuid	Attribute used to uniquely identify an Image. Refer to <i>Example</i> .	Yes
body	JSON which holds all the properties of the Image to be created. Refer to <i>Example</i> .	Yes
<b>Example</b>		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6",   "name": "Aqueen Heritage Hotel Joo Chiat",   "description": "National Gallery Singapore. Image by Charles Loh",   "tags": ["Central"],   "category": "Attractions",   "subCategory": "Leisure &amp; Recreation",   "fileSize": 6235281,   "duration": 0,   "width": 0,   "height": 0,   "url": "AssetFiles2xisga6xlmvwwqfxybug22ff65rxbr.jpg",   "libraryUuid": "104d57923fd702d407a9f13a095addb4a84",   "fileType": "1",   "mimeType": "image/jpeg", }</pre>		

```
"mediaType": "image",  
}
```

## 2.4. Video

Video APIs allow developers to create, update, delete and retrieve Video details.

GET <b>videoSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/video/search">https://tih-api.stb.gov.sg/media/v1/admin/video/search</a>		
Performs a search on Videos based on a keyword. The query parameters include: keyword, sort and next token. The mandatory field for this request is keyword. Approach is to create <i>library</i> prior to create <i>video</i> asset.		
REQUEST		
Parameters	Description	Mandatory
keyword	Keyword to look for when performing the search function	Yes
sort	Type of sorting to be done on the result set	No
nextToken	Next Token which will be used to retrieve the next set of records.	No
Example		
<pre>{   "keyword": "Gardens by the bay",   "sort": "name",   "nextToken": "MNXW2LTTORRC45DJNAXGG33SMUXG233EMVWC4QLUORZGCY3UNFXW4UTFMZJWKY LSMNUFEZLTOVWHIJJXIMSTOQZRG13SKN2DEU3UGMRQE3UGJJXIMZDAJJXIMSTOQ3UPFYGKJJTI QSTOQZFG5BWWZLZ05XXEZBFGNCGCJJXIMSTOQ3EMF2GC43POVZGGZJFGNCKKN2DEU3UG" }</pre>		

POST <b>createVideo</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/video">https://tih-api.stb.gov.sg/media/v1/admin/video</a>		
Allows the creation of a Video. To create successfully, the following input parameters are mandatory: name, description, category, subCategory and tags. A Library record is required (libraryUuid), to associate the Video file.		
REQUEST		
Parameters	Description	Mandatory
body	JSON which holds all the properties of the Video to be created	Yes
Example		
<pre>{   "uuid": "",   "name": "Media_1_2018-1-23_18:0:45.mp4",   "description": "media video 2",   "tags": ["Central"],   "category": "shops", }</pre>		

```

"subCategory": [
  "Boutiques"
],
"fileSize": 3158273,
"duration": 0,
"width": 0,
"height": 0,
"url": "ChangiAirport/application/octet-
stream/102b89c480ad9a94f32a5ab85488c13349a_5238209161937910065as333d33uc3be
hd.mp4",
"libraryUuid": "104d57923fd702d407a9f13a095addb4a84",
"fileType": "1",
"mimeType": "video/mp4",
"mediaType": "video",
}

```

<b>DELETE</b>	<b>deleteVideo</b> <a href="https://tih-api.stb.gov.sg/media/v1/admin/video/{uuid}" style="color: white;">https://tih-api.stb.gov.sg/media/v1/admin/video/{uuid}</a>	
<p>Allows the deletion of an existing Video through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using videoSearchByKeyword API.</p>		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify a Video	Yes
Example		
<pre> {   "uuid": "00173690421773247079f4441487b811fd6", } </pre>		

PUT <b>updateVideo</b> https://tih-api.stb.gov.sg/media/v1/admin/video/{uuid}		
Allows an existing Video to be updated through the use of a unique identifier. The acronym for the unique identifier is uuid. This uuid is created when you submit a media content. If you have not documented the uuid, you can fetch it by using videoSearchByKeyword API.		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify a Video. Refer to <i>Example</i> .	Yes
body	JSON which holds all the properties of the Video to be created. Refer to <i>Example</i> .	Yes
Example		
<pre>{   "uuid": "00173690421773247079f4441487b811fd6",   "name": "Media_1_2018-1-23_18:0:45.mp4",   "description": "media video 2",   "tags": ["Central"],   "category": "shops",   "subCategory": [     "Boutiques"   ],   "fileSize": 3158273,   "duration": 0,   "width": 0,   "height": 0,   "url": "ChangiAirport/application/octet- stream/102b89c480ad9a94f32a5ab85488c13349a_5238209161937910065as333d33uc3be hd.mp4",   "libraryUuid": "104d57923fd702d407a9f13a095addb4a84",   "fileType": "1",   "mimeType": "video/mp4",   "mediaType": "video", }</pre>		

## 2.5. Upload

POST <b>uploadMedia</b>		
<a href="https://tih-api.stb.gov.sg/media/v1/admin/upload/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/admin/upload/uuid/{uuid}</a>		
To upload actual content of the Media files using there uuid like Image, Video and Document.		
REQUEST		
Parameters	Description	Mandatory
uuid	Attribute used to uniquely identify an uploaded media	Yes
file	File to upload	No
Example		
<pre>{   "uuid": "0095e37c4d700ac4220acac5f82bd74077a",   "file": "GardenByTheBay.jpg", }</pre>		

### 3. Media User API

#### 3.1. General

The APIs within this section provide generic Media functions to developers. For example, Category API provides developers with a list of categories found in Media.

GET <b>getTags</b> <a href="https://tih-api.stb.gov.sg/media/v1/tag">https://tih-api.stb.gov.sg/media/v1/tag</a>			
Returns List of Tag			
REQUEST			
Parameters	Description	Mandatory	Example
page	Pagination page (default : 1)	No	1
maxrecord	Pagination maxrecord (default : 20)	No	50

GET <b>autoCompleteByType</b> <a href="https://tih-api.stb.gov.sg/media/v1/library/autocomplete/type">https://tih-api.stb.gov.sg/media/v1/library/autocomplete/type</a>			
Retrieves a list of Auto complete results. The query parameters include: type and input.			
REQUEST			
Parameters	Description	Mandatory	Example
type	name   description   tag	No	name
input	Input to do an auto complete search on	Yes	Arts



### 3.2. Library

The Library APIs allow developers to retrieve Library details based on either the uuid or keyword.

GET <b>libraryByUuid</b> https://tih-api.stb.gov.sg/media/v1/library/uuid/{uuid}			
Performs a search on Libraries based on uuid. You can retrieve the uuid from a media provider API while creating a media library. It returns information of the library (name, category, description, source, mediaTypes, primaryFileType, primaryFile, primaryFileMediumUuid, primaryFileSmallUuid , etc.)			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Library	Yes	0026b01ab0db6ab4f5 d9d119ab0cf04e401

<b>GET</b> <b>librarySearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/library/search">https://tih-api.stb.gov.sg/media/v1/library/search</a>			
Performs a search on Libraries based on keyword. The query parameters include: keyword, category, media type, start data and end date, sort by, and next token.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Bay
category	Category [accommodation; attractions; bars_clubs; event; food_beverages; shops; tour; venue; walking_trail]	No	accommodation
mediaType	Media Type [image   video   document]	No	Image
startDate	StartDate in yyyy-mm-dd format.	No	2017-10-01
endDate	EndDate in yyyy-mm-dd format.	No	2017-12-01
sortBy	Field name to sort [name   tags   location   updateddate ]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	

<b>GET</b> <b>mediaBylibraryUuid</b> <a href="https://tih-api.stb.gov.sg/media/v1/library/uuid/{uuid}/detail">https://tih-api.stb.gov.sg/media/v1/library/uuid/{uuid}/detail</a>			
Retrieves a list of Media for Library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Library	Yes	0026b01ab0db6ab4f5 d9d119ab0cf04e401

### 3.3. Media

These Media APIs allow developers to retrieve Media details based on either the uuid or keyword.

<b>GET</b> <b>getMediaByUuid</b> <a href="https://tih-api.stb.gov.sg/media/v1/media/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/media/uuid/{uuid}</a>			
Performs a search on Media based on uuid. You can retrieve the uuid from a media provider API while creating a media library. You can search with any type of media by uuid (Example- image, document, video).			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Media	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401

<b>GET</b> <b>listMediaTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/media/types">https://tih-api.stb.gov.sg/media/v1/media/types</a>			
Retrieves list of Media type.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
360_image; 360_video; Audio; Document; Image; Library; Thumbnail; Video; Others			

GET <b>searchMediaByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/media/search">https://tih-api.stb.gov.sg/media/v1/media/search</a>			
Perform a search on Media based on keyword. The query parameters include: keyword, category, media type, orientation, start date and end date, sort by, and update by. You will get result of all media type like image, document and video.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Image
category	Category [accommodation; attractions; bars_clubs; event; food_beverages; shops; tour; venue; walking_trail]	No	accommodation
mediaType	Media Type [image   video   document]	No	Image
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
startDate	StartDate in yyyy-mm-dd format.	No	2017-10-01
endDate	EndDate in yyyy-mm-dd format.	No	2017-10-05
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	

### 3.4. Document

Document APIs allow developers to retrieve Document details based on either the uuid or keyword.

<b>GET documentByUuid</b> <a href="https://tih-api.stb.gov.sg/media/v1/document/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/document/uuid/{uuid}</a>			
Performs a search on Document based on uuid. You can retrieve the uuid from a media provider API while creating a media library. This is specific to media type documents.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Document	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401

<b>GET documentSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/document/search">https://tih-api.stb.gov.sg/media/v1/document/search</a>			
Performs a search on Document based on keyword. The query parameters include: keyword, orientation, sort by, next token and updated by.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Performs a search on Libraries based on keyword	Yes	Excel
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking ]	No	name
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
nextToken	Next Token which will be used to retrieve the next set of records	No	

### 3.6. Image

Image APIs allow developers to retrieve image details based on either the uuid or keyword.

<b>GET imageSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/image/search">https://tih-api.stb.gov.sg/media/v1/image/search</a>			
Performs a search on Images based on keyword. The query parameters include: keyword, orientation, sort by, next token and update by. Returns the result of media that belongs to media type image only.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Arts
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking ]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	

<b>GET imageByUuid</b> <a href="https://tih-api.stb.gov.sg/media/v1/image/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/image/uuid/{uuid}</a>			
Performs a search on Images based on uuid. The uuid generates while creating new Image using createImage from media provider API			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify an Image	Yes	0026b01ab0db6ab4f5d9d119ab0cf04e401

### 3.7. Video

Video APIs allow developers to retrieve Video details based on either the uuid or keyword.

GET <b>videoByUuid</b> https://tih-api.stb.gov.sg/media/v1/video/uuid/{uuid}			
Performs a search on Video based on uuid. You can retrieve the uuid from a media provider API while creating a media library. Returns the result of media that belongs to media type video only.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify a Video	Yes	0026b01ab0db6ab4f5 d9d119ab0cf04e401

GET <b>videoSearchByKeyword</b> https://tih-api.stb.gov.sg/media/v1/video/search			
Performs a search on Video based on keyword. The query parameters include: keyword, orientation, sort by, and next token. Returns the result of media that belongs to media type video only.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Video
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	



### 3.8. 360 Image

360 Image APIs allow developers to retrieve 360 Image details based on either the uuid or keyword.

<b>GET 360imageByUuid</b> <a href="https://tih-api.stb.gov.sg/media/v1/360image/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/360image/uuid/{uuid}</a>			
Performs a search on 360-Images based on uuid. You can retrieve the uuid from a media provider API while creating a media library. Returns the result of media that belongs to media type 360image only.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify a 360-image	Yes	Create 360-Image using content provider 360-Image API to get uuid

<b>GET 360imageSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/360image/search">https://tih-api.stb.gov.sg/media/v1/360image/search</a>			
Performs a search on 360-Images based on keyword. The query parameters include: keyword, orientation, sort by and next token. Returns the result of media that belongs to media type 360image only.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Image
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	

### 3.9. 360 Video

360 video APIs allow developers to retrieve 360 Videos details based on either the uuid or keyword.

GET <b>360videoByUUID</b> <a href="https://tih-api.stb.gov.sg/media/v1/360video/uuid/{uuid}">https://tih-api.stb.gov.sg/media/v1/360video/uuid/{uuid}</a>			
Performs a search on 360 Video based on UUID. You can retrieve the UUID from a media provider API while creating a media library. Returns the result of media that belongs to media type 360 video only.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	Attribute used to uniquely identify a 360-video	Yes	Create 360-video using content provider 360-video API to get uuid

GET <b>360videoSearchByKeyword</b> <a href="https://tih-api.stb.gov.sg/media/v1/360video/search">https://tih-api.stb.gov.sg/media/v1/360video/search</a>			
Performs a search on 360 Video based on keyword. The query parameters include: keyword, orientation, sort by, data source and next token. Returns the result of media that belongs to media type 360video only.			
REQUEST			
Parameters	Description	Mandatory	Example
keyword	Keyword to look for when performing the search function	Yes	Image
orientation	Orientation Type [PORTRAIT   LANDSCAPE   SQUARE ]	No	SQUARE
sortBy	Field name to sort [score  name  tags  location  rating  updateddate  ranking]	No	name
nextToken	Next Token which will be used to retrieve the next set of records	No	

### 3.10. Download

Download API allows media files to be downloaded using a uuid.

GET <b>downloadMedia</b> https://tih-api.stb.gov.sg/media/v1/download/uuid/{uuid}			
Download Media File. The query parameter includes file type. You can retrieve the uuid from a media provider API while creating a media library.			
REQUEST			
Parameters	Description	Mandatory	Example
uuid	uuid of Media	Yes	101b9697999b61344e883 3776a98d886761
fileType	To download medium image need to set (Medium Thumbnail) and to download small thumbnail need to set (Small Thumbnail).	No	Medium Thumbnail

### 3.11. Media Types

Retrieve list of respective category types.

<b>GET</b> <b>listAccommodationTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/accommodation/types">https://tih-api.stb.gov.sg/media/v1/accommodation/types</a>			
Retrieve a list of Accommodation types such as backpackers hostels, hotels, resorts, service apartments, and others.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Backpacker Hostels; Hotels; Resorts; Serviced Apartments; Others			

<b>GET</b> <b>listAttractionTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/attractions/types">https://tih-api.stb.gov.sg/media/v1/attractions/types</a>			
Retrieve a list of Attraction types such as adventures, watersports, and others.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Adventure; History & Culture; Leisure & Recreation; Nature & Wildlife; Others			

<b>GET</b> <b>listBarsClubsTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/bars-clubs/types">https://tih-api.stb.gov.sg/media/v1/bars-clubs/types</a>			
Retrieve a list of Bars and Clubs types, for example bars.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Bars; Clubs; Others			

<b>GET</b> <b>listCruisesTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/cruises/types">https://tih-api.stb.gov.sg/media/v1/cruises/types</a>			
Retrieve a list of Cruises.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Cruise Ships; Cruise Terminals; Others			

<b>GET</b> <b>listEventFestivitiesTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/event-festivities/types">https://tih-api.stb.gov.sg/media/v1/event-festivities/types</a>			
Retrieve a list of event-festivities.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Arts; Attractions; Entertainment; Food & Beverages; History & Culture; MICE; Nature & Wildlife; Shopping; Sports; Others			

<b>GET</b> <b>listFoodBeveragesTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/food-beverages/types">https://tih-api.stb.gov.sg/media/v1/food-beverages/types</a>			
Retrieve a list of Food and Beverage establishment types, for example café.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Cafe; Hotels; Hawker Centres; Restaurants; Others			

<b>GET</b> <b>listShopsTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/shops/types">https://tih-api.stb.gov.sg/media/v1/shops/types</a>			
Retrieve a list of Malls and Shops types, for example bazaar and flea markets.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Bazaars & Flea Markets; Boutiques; Department Stores; Malls; Others			

<b>GET</b> <b>listTourTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/tour/types">https://tih-api.stb.gov.sg/media/v1/tour/types</a>			
Retrieve a list of Tour types, for example adventure and sports.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Adventure & Sports; Food & Beverages; History & Culture; Multi-Day Packages; Nature & Wildlife; Sightseeing; Others			

<b>GET</b> <b>listVenuesTypes</b> <a href="https://tih-api.stb.gov.sg/media/v1/venues/types">https://tih-api.stb.gov.sg/media/v1/venues/types</a>			
Retrieve a list of venues.			
REQUEST			
Parameters	Description	Mandatory	Example
Nil			
RESPONSE			
Arts & Entertainment; MICE; Sports; Others			