

Swagger Editor interface showing a REST API definition for video management.

API Definition (Left Panel):

```
102- '404':
103-   description: Video not found
104- delete:
105-   tags:
106-     - videos
107-   summary: delete a video
108-   description: Remove a specific video from the platform.
109-   operationId: deleteVideo
110-   parameters:
111-     - name: videoId
112-       in: path
113-       required: true
114-       description: ID of the video to delete
115-       schema:
116-         type: string
117-   responses:
118-     '201':
119-       description: Video successfully deleted
120-     '404':
121-       description: Video not found
122- /playlists:
123-   post:
124-     tags:
125-       - playlists
126-     summary: Create a playlist
127-     description: Create a new playlist.
128-     operationId: createPlaylist
129-     requestBody:
130-       description: Playlist details
131-       required: true
132-       content:
133-         application/json:
134-           schema:
135-             type: object
136-             properties:
137-               name:
138-                 type: string
139-                 description: Playlist name
140-                 example: My Favorite Videos
141-               description:
142-                 type: string
143-                 description: Playlist description
144-                 example: A collection of my favorite videos
```

API Explorer (Right Panel):

Channel ID (required) ID of the channel to retrieve

string (path)

Responses

Code	Description	Links
200	Channel details retrieved successfully	No links
404	Channel not found	No links

Example Value

```
{
  "id": "string",
  "name": "string",
  "description": "string"
}
```

Schemas

Swagger Editor

Try our new Editor

```
1 openapi: 3.0.3
2 info:
3   title: YouTube API
4   description: |-
5     This is a sample API for managing videos, playlists, and channels on a Youtube
6     -like platform.
7     It demonstrates how an API could be structured to handle core Youtube
8     functionalities.
9   termsOfService: https://www.youtube.com/t/terms
10  contact:
11    email: support@youtubeapi.com
12  license:
13    name: Apache 2.0
14    url: http://www.apache.org/licenses/LICENSE-2.0.html
15  version: 1.0.0
16 servers:
17   - url: https://api.youtube.com/v3
18 tags:
19   - name: videos
20     description: Operations for managing videos
21   - name: playlists
22     description: Operations for managing playlists
23   - name: channels
24     description: Operations for managing channels
25 paths:
26   /videos:
27     post:
28       tags:
29       - videos
30       summary: Upload a video
31       description: Upload a new video to the platform.
32       operationId: uploadVideo
33       requestBody:
34         description: Details of the video to upload
35         required: true
36         content:
37           multipart/form-data:
38             schema:
39               type: object
40               properties:
41                 title:
42                   type: string
43                   description: Title of the video
```

DELETE /videos/{videoId} Delete a video

Remove a specific video from the platform.

Try it out

Parameters

Name	Description
videoId required	ID of the video to delete
string	videoId
(path)	

Responses

Code	Description	Links
204	Video successfully deleted	No links
404	Video not found	No links

playlists Operations for managing playlists

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35         required: true
36         content:
37           multipart/form-data:
38             schema:
39               type: object
40               properties:
41                 title:
42                   type: string
43                   description: Title of the video
```

limit

Maximum number of videos to return

Default value : 10

integer

(query)

10

Responses

Code	Description	Links
200	A list of videos	No links

Media type

application/json

Example Value

Schema

```
{
  "id": "string",
  "title": "string",
  "description": "string",
  "url": "string"
}
```

GET /videos/{videoId} Get video details

DELETE /videos/{videoId} Delete a video

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10  contact:
11    email: support@youtubeapi.com
12  license:
13    name: Apache 2.0
14    url: http://www.apache.org/licenses/LICENSE-2.0.html
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37           multipart/form-data:
38             schema:
39               type: object
40               properties:
41                 title:
42                   type: string
43                   description: Title of the video
```

POST /videos Upload a video

GET /videos List all videos

GET /videos/{videoId} Get video details

DELETE /videos/{videoId} Delete a video

playlists Operations for managing playlists

POST /playlists Create a playlist

GET /playlists List playlists

channels Operations for managing channels

GET /channels/{channelId} Get channel details

Schemas

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Swagger Editor

File Edit Insert Generate Server Generate Client About

```
102
103
104     '404':
105       description: Video not found
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133       required: true
134       content:
135         application/json:
136           schema:
137             type: object
138             properties:
139               name:
140                 type: string
141                 description: Playlist name
142                 example: My Favorite Videos
143               description:
144                 type: string
145                 description: Playlist description
146                 example: A collection of my favorite videos
```

Responses

Code	Description	Links
200	A list of playlists	No links

Media type: application/json

Example Value

```
{
  "id": "string",
  "name": "string",
  "description": "string"
}
```

Schemas

channels Operations for managing channels

GET /channels/{channelId} Get channel details

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Swagger Editor interface showing a REST API definition for video management and playlist creation.

API Definition (Left Panel):

```
103: '404':
104:   description: Video not found
105: delete:
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108:   summary: Delete a video
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142:               description:
143:                 type: string
144:                 description: Playlist description
145:                 example: A collection of my favorite videos
```

UI Elements (Right Panel):

- No parameters**
- Request body** (required): application/json
- Playlist details**
- Example Value | Schema**
- Responses**
- Code** | **Description** | **Links**
- 201** | Playlist successfully created | No links
- Media type**: application/json
- Example Value | Schema**
- Schema**:

```
{
  "id": "string",
  "name": "string",
  "description": "string"
}
```

System Information (Bottom Bar):

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12  license:
13    name: Apache 2.0
14    url: http://www.apache.org/licenses/LICENSE-2.0.html
15  version: 1.0.0
16  servers:
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19    - name: videos
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33        requestBody:
34          description: Details of the video to upload
35          required: true
36          content:
37            multipart/form-data:
38              schema:
39                type: object
40                properties:
41                  title:
42                    type: string
43                    description: Title of the video
```

Responses

Code	Description	Links
200	Video details retrieved successfully	No links
Media type		
<div>application/json</div>		
Controls accept header		
Example Value Schema		
<pre>{ "id": "string", "title": "string", "description": "string", "url": "string" }</pre>		
404	Video not found	No links

DELETE

/videos/{videoId} Delete a video

playlists

Operations for managing playlists

POST

/playlists Create a playlist

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42                   type: string
43                   description: Title of the video
```

YouTube API 1.0.0 OAS 3.0

This is a sample API for managing videos, playlists, and channels on a YouTube-like platform. It demonstrates how an API could be structured to handle core YouTube functionalities.

[Terms of service](#)
[Contact the developer](#)
[Apache 2.0](#)

Servers

https://api.youtube.com/v3

videos

Operations for managing videos

POST /videos Upload a video

GET /videos List all videos

GET /videos/{videoId} Get video details

DELETE /videos/{videoId} Delete a video

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39               type: object
40               properties:
41                 title:
42                   type: string
43                   description: Title of the video
```

Responses

Code	Description	Links
201	Video successfully uploaded	No links
Media type		
<div>application/json</div>		
Controls accept header		
Example Value Schema		
<pre>{ "id": "string", "title": "string", "description": "string", "url": "string" }</pre>		
400	Invalid input	No links

GET

/videos

List all videos

GET

/videos/{videoId}

Get video details

DELETE

/videos/{videoId}

Delete a video

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