
youtubedlapi-server-infusiblecoder

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unknown

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INSTALL THE SERVER

How to install **youtubedlapi-server-infusiblecoder**

1.1 Using pip

Just run **pip install --pre youtubedlapi_server_infusiblecoder**.

Then you can start using the server with **youtubedlapi-server-infusiblecoder**.

1.2 From source

Download the source code and install the dependencies with **pip install -r requirements.txt**. Then just run **python -m youtubedlapi_server_infusiblecoder**

Alternatively you can use pip to install it, run **pip install -e .** and then you'll be able to run **youtubedlapi-server-infusiblecoder** (you won't need to rerun the pip command if you do some changes).

1.3 App Engine

You can setup an app in the [Google App Engine](#) by changing the application key in app.yaml to your application name. For using it you just need to do the API calls to <http://your-app-name.appspot.com>. It needs some external python modules in lib, you can download them by running **./devscripts/setup-gae.sh** (it requires [pip](#) and [virtualenv](#))

1.4 Heroku

You can also run the server on [Heroku](#), you just need to [setup and deploy the app](#) and you can make your API calls to <https://app-name.herokuapp.com/>.

YOUTUBEDLAPI-SERVER-INFUSIBLECODER

Run the API server

-p <port>, **--port** <port>

The port the server will use. The default port is 9191

--host HOST

The host the server will use. The default host is localhost

--number-processes NUMBER_PROCESSES

The number of processes the server will use. The default is: 5

-h, **--help**

Display the help text

--version

Print the version of the server

final example

youtubedlapi-server-infusiblecoder -p 8000 --host 127.0.0.1 --number-processes 1

3.1 API methods

GET /api/info

Get the video information

Query Parameters

- **url** – The video url
- **flatten** (*boolean*) – If True return a list of dictionaries in the videos field. Otherwise a single dictionary will be returned in the info field.

Changed in version 0.2: The default value is False.

Deprecated since version 0.2: This parameter will be removed in a future version, you'll have to implement this functionality in your client.

- ***** – A whitelist of extra parameters are passed directly to the YoutubeDL object. Currently it supports: `format`, `playliststart`, `playlistend`, `playlist_items`, `playlistreverse`, `matchtitle`, `rejecttitle`, `writesubtitles`, `writeautomaticsub`, `allsubtitles`, `subtitlesformat`, `subtitleslangs`. See the [youtube-dl documentation](#) for more info

Response Headers

- `Content-Type` – `application/json`
- `Access-Control-Allow-Origin` – `*`

Status Codes

- `200 OK` – On success
- `400 Bad Request` – For invalid query parameters
- `500 Internal Server Error` – If the extraction fails

Example request

```
GET /api/info?url=http://www.ted.com/talks/dan_dennett_on_our_consciousness.html&
↪flatten=False HTTP/1.1
```

Example response

```

HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Content-Type: application/json

{
  "info": {
    "description": "Philosopher Dan Dennett makes a compelling argument that not_
    ↳ only don't we understand our own consciousness, but that half the time our brains_
    ↳ are actively fooling us.",
    "display_id": "102",
    "ext": "mp4",
    "extractor": "TED",
    "extractor_key": "TED",
    "format": "high",
    "format_id": "high",
    "formats": [
      {
        "ext": "mp4",
        "format": "low",
        "format_id": "low",
        "preference": 1,
        "url": "..."
      },
      {
        "ext": "mp4",
        "format": "medium",
        "format_id": "medium",
        "preference": 2,
        "url": "..."
      },
      {
        "ext": "mp4",
        "format": "high",
        "format_id": "high",
        "preference": 3,
        "url": "..."
      }
    ],
    "id": "102",
    "playlist": null,
    "playlist_index": null,
    "preference": 3,
    "subtitles": null,
    "thumbnail": "http://images.ted.com/images/ted/488_480x360.jpg",
    "title": "The illusion of consciousness",
    "uploader": "Dan Dennett",
    "url": "...",
    "webpage_url": "http://www.ted.com/talks/dan_dennett_on_our_consciousness.html",
    "webpage_url_basename": "dan_dennett_on_our_consciousness.html"
  },
  "url": "http://www.ted.com/talks/dan_dennett_on_our_consciousness.html"
}

```

Example request

```
GET /api/info?url=http://www.ted.com/talks/dan_dennett_on_our_consciousness.html&
↪flatten=True HTTP/1.1
```

Example response

```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Content-Type: application/json

{
  "url": "http://www.ted.com/talks/dan_dennett_on_our_consciousness.html",
  "videos": [
    {
      "description": "Philosopher Dan Dennett makes a compelling argument that not_
↪only don't we understand our own consciousness, but that half the time our brains_
↪are actively fooling us.",
      "display_id": "102",
      "ext": "mp4",
      "extractor": "TED",
      "extractor_key": "TED",
      "format": "high",
      "format_id": "high",
      "formats": [
        {
          "ext": "mp4",
          "format": "low",
          "format_id": "low",
          "preference": 1,
          "url": "...",
        },
        {
          "ext": "mp4",
          "format": "medium",
          "format_id": "medium",
          "preference": 2,
          "url": "...",
        },
        {
          "ext": "mp4",
          "format": "high",
          "format_id": "high",
          "preference": 3,
          "url": "...",
        }
      ],
      "id": "102",
      "playlist": null,
      "playlist_index": null,
      "preference": 3,
      "subtitles": null,
      "thumbnail": "http://images.ted.com/images/ted/488_480x360.jpg",
      "title": "The illusion of consciousness",
    }
  ]
}
```

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```

    "uploader": "Dan Dennett",
    "url": "...",
    "webpage_url": "http://www.ted.com/talks/dan_dennett_on_our_consciousness.html
↪",
    "webpage_url_basename": "dan_dennett_on_our_consciousness.html"
  }
]
}

```

GET /api/play

Extract the info and redirect to the URL of the first video found for the requested URL. Useful for media players that accept HTTP URLs. Accepts the same parameters as *GET /api/info*.

Status Codes

- 302 Found – On success
- 400 Bad Request – For invalid query parameters
- 500 Internal Server Error – If the extraction fails

New in version 0.3: Added endpoint.

Example request

```

GET /api/play?url=http://www.ted.com/talks/dan_dennett_on_our_consciousness.html
↪ HTTP/1.1

```

Example response

```

HTTP/1.0 302 FOUND
Content-Type: text/html; charset=utf-8
Location: http://download.ted.com/talks/DanDennett_2003-1500k.mp4?dnt

```

Example request

```

GET /api/play?url=http://www.ted.com/talks/dan_dennett_on_our_consciousness.html&
↪ format=bestaudio HTTP/1.1

```

Example response

```

HTTP/1.0 302 FOUND
Content-Type: text/html; charset=utf-8
Location: https://hls.ted.com/videos/DanDennett_2003/audio/600k.m3u8?
↪ uniqueId=5ed2e870

```

GET /api/extractors

Get the available extractors

Response Headers

- Content-Type – application/json
- Access-Control-Allow-Origin – *

Status Codes

- 200 OK – On success

Example request

```
GET /api/extractors HTTP/1.1
```

Example response

```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Content-Type: application/json

{
  "extractors": [
    {
      "name": "vimeo",
      "working": true
    },
    {
      "name": "TED",
      "working": true
    },
    ...
  ]
}
```

GET /api/version

Get the youtube-dl and youtubedlapi-server-infusiblecoder version

Response Headers

- **Content-Type** – application/json
- **Access-Control-Allow-Origin** – *

Status Codes

- **200 OK** – On success

New in version 0.3: Added endpoint.

Example request

```
GET /api/version HTTP/1.1
```

Example response

```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Content-Type: application/json

{
  "youtube-dl": "2016.04.19",
  "youtubedlapi-server-infusiblecoder": "0.2"
}
```

3.2 Test server

You can try the API by doing requests to `http://youtube-dl.appspot.com`.

4.1 Authors

4.2 License

youtubedlapi-server-infusiblecoder and its documentation is released to the public domain:

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