

# Using the youtube\_dl module

When using the youtube\_dl module, you start by creating an instance of `class: YoutubeDL` and adding all the available extractors:

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\youtube-dl-master\docs\[youtube-dl-master] [docs]module\_guide.rst, line 4); [backlink](#)**

Unknown interpreted text role "class".

```
>>> from youtube_dl import YoutubeDL
>>> ydl = YoutubeDL()
>>> ydl.add_default_info_extractors()
```

## Extracting video information

You use the `meth: YoutubeDL.extract_info` method for getting the video information, which returns a dictionary:

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\youtube-dl-master\docs\[youtube-dl-master] [docs]module\_guide.rst, line 15); [backlink](#)**

Unknown interpreted text role "meth".

```
>>> info = ydl.extract_info('http://www.youtube.com/watch?v=BaW_jenozKc', download=False)
[youtube] Setting language
[youtube] BaW_jenozKc: Downloading webpage
[youtube] BaW_jenozKc: Downloading video info webpage
[youtube] BaW_jenozKc: Extracting video information
>>> info['title']
'youtube-dl test video "\'/\ä↵'
>>> info['height'], info['width']
(720, 1280)
```

If you want to download or play the video you can get its url:

```
>>> info['url']
'https://...'
```

## Extracting playlist information

The playlist information is extracted in a similar way, but the dictionary is a bit different:

```
>>> playlist = ydl.extract_info('http://www.ted.com/playlists/13/open_source_open_world', download=False)
[TED] open_source_open_world: Downloading playlist webpage
...
>>> playlist['title']
'Open-source, open world'
```

You can access the videos in the playlist with the `entries` field:

```
>>> for video in playlist['entries']:
...     print('Video #{}: {}'.format(video['playlist_index'], video['title']))

Video #1: How Arduino is open-sourcing imagination
Video #2: The year open data went worldwide
Video #3: Massive-scale online collaboration
Video #4: The art of asking
Video #5: How cognitive surplus will change the world
Video #6: The birth of Wikipedia
Video #7: Coding a better government
Video #8: The era of open innovation
Video #9: The currency of the new economy is trust
```