
IPTV Checker build passing

Node.js CLI tool for checking links in IPTV playlists.

This tool is based on the [ffmpeg](https://www.ffmpeg.org/download.html) library, so you need to install it on your computer first. You can find the right installer for your system here: <https://www.ffmpeg.org/download.html>

Usage

CLI

```
1 npm install -g iptv-checker
```

Check local playlist file:

```
1 iptv-checker /path-to-playlist/example.m3u
```

Check playlist URL:

```
1 iptv-checker https://some-playlist.lol/list.m3u
```

Pipe playlist from stdin:

```
1 cat ~/some-playlist.m3u | iptv-checker
```

Arguments:

- **-o**, **--output**: change default output directory
- **-t**, **--timeout**: specifies the number of milliseconds before the request will be aborted (default to 60000)
- **-a**, **--user-agent**: set custom HTTP User-Agent
- **-k**, **--insecure**: allow insecure connections when using SSL
- **-p**, **--parallel**: Batch size of channels to check concurrently (default to 1)

Module

```
1 npm install iptv-checker
```

```
1 var IPTVChecker = require('iptv-checker')
2
3 var checker = new IPTVChecker()
4
5 // using playlist url
```

```
6 checker.checkPlaylist('https://some-playlist.lol/list.m3u').then(
  results => {
7   console.log(results)
8 })
9
10 // using local path
11 checker.checkPlaylist('path/to/playlist.m3u').then(results => {
12   console.log(results)
13 })
14
15 // using playlist as string
16 checker.checkPlaylist(string).then(results => {
17   console.log(results)
18 })
```

Results *On success:*

```
1 {
2   header: {
3     attrs: {},
4     raw: '#EXTM3U x-tvg-url=""'
5   },
6   items: [
7     {
8       name: 'KBSV/AssyriaSat (720p) [Not 24/7]',
9       tvg: {
10        id: 'KBSVAssyriaSat.us',
11        name: '',
12        logo: 'https://i.imgur.com/zEWSSdf.jpg',
13        url: '',
14        rec: ''
15      },
16      group: {
17        title: 'General'
18      },
19      http: {
20        referrer: '',
21        'user-agent': ''
22      },
23      url: 'http://66.242.170.53/hls/live/temp/index.m3u8',
24      raw: '#EXTINF:-1 tvg-id="KBSVAssyriaSat.us" tvg-logo="https://i.
        imgur.com/zEWSSdf.jpg" group-title="General",KBSV/AssyriaSat
        (720p) [Not 24/7]\r\nhttp://66.242.170.53/hls/live/temp/index.
        m3u8',
25      line: 2,
26      catchup: {
27        type: '',
28        days: '',
29        source: ''
30      },
```

```

31     timeshift: '',
32     status: {
33         ok: true,
34         metadata: {
35             streams: [
36                 {
37                     index: 0,
38                     codec_name: 'h264',
39                     codec_long_name: 'H.264 / AVC / MPEG-4 AVC / MPEG-4 part
40                         10',
41                     profile: 'High',
42                     codec_type: 'video',
43                     codec_tag_string: '[27][0][0][0]',
44                     codec_tag: '0x001b',
45                     width: 1280,
46                     height: 720,
47                     coded_width: 1280,
48                     coded_height: 720,
49                     closed_captions: 0,
50                     has_b_frames: 2,
51                     pix_fmt: 'yuv420p',
52                     level: 31,
53                     chroma_location: 'left',
54                     refs: 1,
55                     is_avc: 'false',
56                     nal_length_size: '0',
57                     r_frame_rate: '30/1',
58                     avg_frame_rate: '0/0',
59                     time_base: '1/90000',
60                     start_pts: 943358850,
61                     start_time: '10481.765000',
62                     bits_per_raw_sample: '8',
63                     disposition: {
64                         default: 0,
65                         dub: 0,
66                         original: 0,
67                         comment: 0,
68                         lyrics: 0,
69                         karaoke: 0,
70                         forced: 0,
71                         hearing_impaired: 0,
72                         visual_impaired: 0,
73                         clean_effects: 0,
74                         attached_pic: 0,
75                         timed_thumbnails: 0
76                     },
77                     tags: {
78                         variant_bitrate: '400000'
79                     }
80                 },
81                 //...

```

```

81     ],
82     format: {
83         filename: 'http://66.242.170.53/hls/live/temp/index.m3u8',
84         nb_streams: 2,
85         nb_programs: 1,
86         format_name: 'hls',
87         format_long_name: 'Apple HTTP Live Streaming',
88         start_time: '10481.560589',
89         size: '214',
90         probe_score: 100
91     },
92     requests: [
93         {
94             method: 'GET',
95             url: 'http://66.242.170.53/hls/live/temp/index.m3u8',
96             headers: {
97                 'User-Agent': 'Lavf/58.76.100',
98                 Accept: '*/*',
99                 Range: 'bytes=0-',
100                 Connection: 'close',
101                 Host: '66.242.170.53',
102                 'Icy-MetaData': '1'
103             }
104         },
105         //...
106     ]
107 }
108 }
109 },
110 //...
111 ]
112 }

```

On error:

```

1  {
2    header: {
3      attrs: {},
4      raw: '#EXTM3U x-tvg-url=""'
5    },
6    items: [
7      {
8        name: 'Addis TV (720p)',
9        tvg: {
10         id: 'AddisTV.et',
11         name: '',
12         logo: 'https://i.imgur.com/KAg6MOI.png',
13         url: '',
14         rec: ''
15       },
16       group: {

```

```
17     title: ''
18   },
19   http: {
20     referrer: '',
21     'user-agent': ''
22   },
23   url: 'https://rrsatrtmp.tulix.tv/addis1/addis1multi.smil/playlist
24     .m3u8',
25   raw: '#EXTINF:-1 tvg-id="AddisTV.et" tvg-logo="https://i.imgur.
26     com/KAg6MOI.png" group-title="Undefined",Addis TV (720p)\\r\\
27     nhhttps://rrsatrtmp.tulix.tv/addis1/addis1multi.smil/playlist.
28     m3u8',
29   line: 2,
30   catchup: {
31     type: '',
32     days: '',
33     source: ''
34   },
35   timeshift: '',
36   status: {
37     ok: false,
38     code: 'HTTP_REQUEST_TIMEOUT',
39     message: 'HTTP 408 Request Timeout',
40   }
41 },
42 //...
43 ]
44 }
```

Error codes

A full list of the error codes used and their descriptions can be found [here](#).

Contribution

If you find a bug or want to contribute to the code or documentation, you can help by submitting an issue or a pull request.

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