

# Contributing Guide

Before submitting your contribution, please make sure to take a moment and read through the following guidelines:

- [Issue Reporting Guidelines](#)
- [Pull Request Guidelines](#)
- [Stream Description Scheme](#)
- [Project Structure](#)

## Issue Reporting Guidelines

### Request a Channel

To request a channel, create an [issue](#) and complete all details requested. Understand that our community of volunteers will try to help you, but if a public link cannot be found, there is little we can do. (**IMPORTANT:** the issue should contain a request for only one channel, otherwise it will be closed immediately)

### Report a Broken Stream

To report a broadcast that is not working, create an [issue](#) with a description of the channel. (**IMPORTANT:** an issue should contain a report for only one channel, otherwise it will be closed immediately)

### Content Removal Request

If you find any content in the repository that you own and you would like us to remove, please create an [issue](#) and provide all necessary information. If the request is granted, the specified content will be removed from the repository within one business day.

## Pull Request Guidelines

### Add or Replace a Stream

If you would like to replace a broken stream or add a new one, please do the following:

- make sure that the link you want to add works by using a program like [VLC media player](#)
- check if the channel is working outside your country by using a VPN or use a service like [streamtest.in](#)
- find out from which country the channel is being broadcasted. This information can usually be found on [lyngsat.com](#) or [wikipedia.org](#). If you are unable to determine which country the channel belongs to, add the channel onto the `channels/unsorted.m3u` playlist
- find the corresponding [ISO 3166-2 code](#) for the country
- open the `/streams` folder and find the file that has the same code in its name and open it
- if broken, find the broken link in this file and replace it with working one
- if new, at the very end of this file add a link to the channel with a description
- if the broadcast is not available outside of a certain country, add the label `[Geo-blocked]` to the end of the channel name and list these countries in the `tvsg-country` attribute
- if the broadcast is not available 24 hours a day, add the label `[Not 24/7]`
- commit all changes and send a pull request

### Update README.md

- open `.readme/template.md`
- make the necessary changes
- commit all changes and send a pull request

## Update this Guide

- open `.github/CONTRIBUTING.md`
- make the necessary changes
- commit all changes and send a pull request

## Stream Description Scheme

For a stream to be approved, its description must follow this template:

```
#EXTINF:-1 tvg-id="CHANNEL_ID",CHANNEL_NAME (RESOLUTION) [LABEL]
STREAM_URL
```

Attribute	Description	Required	Valid values
CHANNEL_ID	Channel ID.	Optional	Full list of supported channels could be found on <a href="https://iptv-org.github.io">iptv-org.github.io</a>
CHANNEL_NAME	Full name of the channel. May contain any characters except: ,, (, ), [, ]. It is recommended to use the name listed on <a href="https://lyngsat">lyngsat</a> or <a href="https://wikipedia">wikipedia</a> if possible.	Required	-
RESOLUTION	Maximum stream resolution.	Optional	2160p, 1080p, 720p, 480p, 360p etc
LABEL	Specified in cases where the broadcast for some reason may not be available to some users.	Optional	Geo-blocked or Not 24/7
STREAM_URL	Stream URL.	Required	-

Example:

```
#EXTINF:-1 tvg-id="ExampleTV.ua",Example TV (720p) [Not 24/7]
https://example.com/playlist.m3u8
```

Also, if necessary, you can specify custom HTTP User-Agent and Referrer via the `#EXTVLCOPT` tag:

```
#EXTINF:-1 tvg-id="ExampleTV.us",Example TV
#EXTVLCOPT:http-referrer=http://example.com/
#EXTVLCOPT:http-user-agent=Mozilla/5.0 (Windows NT 10.0; Win64; x64)
http://example.com/stream.m3u8
```

Each stream also have a `status` attribute which is updated daily by the [iptv-bot](https://github.com/iptv-bot). The attribute can have one of the following values:

- `online` - stream was successfully loaded
- `blocked` - server returned HTTP code [403 Forbidden](https://en.wikipedia.org/wiki/HTTP_403)

- `timeout` - request time exceeded 60 seconds
- `error` - stream could not be loaded for some other reason

## Project Structure

- `.github/`
  - `ISSUE_TEMPLATE/` : issue templates for the repository.
  - `workflows/`
    - `auto-update.yml` : GitHub workflow that launches daily playlist updates (at 0:00 and 12:00 UTC).
    - `check.yml` : GitHub workflow that checks every pull request for syntax errors and blocked channels.
  - `CODE_OF_CONDUCT.md` : rules you shouldn't break if you don't want to get banned.
- `.readme/`
  - `config.json` : config for the `markdown-include` package, which is used to compile everything into one `README.md` file.
  - `preview.png` : image displayed in the `README.md` .
  - `supported-categories.md` : list of supported categories.
  - `supported-regions.md` : list of supported regions.
  - `template.md` : template for `README.md` .
- `scripts/` : contains all the scripts used in GitHub workflows.
- `streams/` : contains all streams broken down by the country from which they are broadcast.
  - ...
  - `unsorted.m3u` : playlist with channels not yet sorted.
- `tests/` : contains tests to check the scripts.
- `CONTRIBUTING.md` : file you are currently reading.
- `README.md` : project description generated from the contents of the `.readme/` folder.