

Python Timecode Generator

A simple python script to generate timecode and spit it out over UDP in a pseudo MTC format

Installation

Nothing fancy here. You should probably have [Python 3](#) (3.7+) installed.

I recommend using a virtual environment. If you want to feel fancy use [Pipenv](#):

```
pipenv install
```

Usage

Getting help

```
python3 generateTimecode.py -h
```

```
usage: generateTimecode.py [-h] [-f STARTFRAME] [-r {24,25,30}] [-e ENDFRAME]
                          [-R] [-a IPADDRESS] [-p PORT]
```

optional arguments:

-h, --help show this help message and exit

Timecode:

-f STARTFRAME, --startFrame STARTFRAME

The frame to start on

-r {24,25,30}, --framerate {24,25,30}

what framerate to use

-e ENDFRAME, --endFrame ENDFRAME

The last frame in the timecode sequence

-R, --rollover Determines if the code should rollover when end frame is hit

IP:

-a IPADDRESS, --ipAddress IPADDRESS

The IP Address to send to. Defaults to localhost

-p PORT, --port PORT The port to send to.

Just start rolling code from 0 at 30 frames

```
python3 generateTimecode.py
# 00 00 00 00
# 0
# ---
```

Start at a specific frame

```
python3 generateTimecode.py -f 400
# 00 00 13 10
# 400
# ---
```