pMTC

An easy to use reader for full frame (SysEx) Midi Timecode

Why Full frame only?

- It cuts down on network traffic
- You get all the time information in one packet per frame
- The Kissbox TC2TR supports it out of the box [with minor configuration], which was the original use case.

Installation

```
npm install pmtc
```

Ussage

```
const {PMTC} = require('pmtc')

const server = new PMTC('',5005) // Listen for pMTC data on all interfaces on
port 5005
server.run()
server.on('timecode',(data)=>{
    console.log(data)
})
```

Want to test with a pMTC Generator? Find one on my Github

Data format

The timecode data is converted to an easy to use JSON packet with a few options.

```
{"framerate":"fr24","json":"
{\"hours\":0,\"minutes\":0,\"seconds\":23,\"frames\":16}","frame":568,"legacy
":[240,127,127,1,1,0,0,23,16,247]}
```

Optionally, you can set the legacyOnly flag to receive the raw data packet (useful to multicast or broadcast)

```
const server = new PMTC('',5005,true)
server.run()
```

```
// <Buffer f0 7f 7f 01 01 00 00 03 11 f7>
```

Functions

PMTC.run()

Starts the server listening for pMTC data.

PMTC.stop()

stops the server.

TODOs

- [ ] Add more to the readme
- [ ] Add qurater frame support (maybe)
- [ ] Fix setters and getters