

tmcq : a timecode converter

Introduction

tmcq is a tool based on the *Epeios* framework which makes timecode [http://en.wikipedia.org/wiki/SMPTE_timecode] conversions.

tmcq exclusively uses system and C/C++ standard libraries. So, no other packages have to be installed for *tmcq* to work properly.

tmcq can be build as command-line binary for *GNU/Linux* (and probably most POSIX-compliant operating systems), *OS X* and *Windows*, running on *IA-32*, *AMD64* and *ARM* compatible processors.

There is some examples just below. Also take a look at the [User manual](#) or the [details page](#) for more informations.

Examples

Let's say you want to convert an *NTSC/29.97* frame count to a *PAL* frame count:

```
tmcq -f=%F 25 '7035@30d'
=> 5863
```

The previous example will make a mathematical rounding. So, if you are interested in the size of the error you can write this:

```
tmcq '-f=%F %r' 25 '7035@30d'
=> 5863 -0.0143
```

The result now contains a second value that tells you the error in seconds. A negative value means that the actual value should be smaller by the amount given. In this case the value was about 1/100 of a second smaller (0.01 seconds). The resulting value is too large by the same amount.

If you want to force rounding up or rounding down you can do it like this:

```
tmcq '-f=%>0F%F %r' 25 '7035@30d'
=> 5864 0.0257
```

For rounding down just swap the > with a <.

There currently is no obvious way to convert from seconds (as a float value) to anything else. Here is a workaround:

```
tmcq '-f=%<0F%F' 30d '1.7035@10000'
=> 51
```

Installation

See the [compilation dedicated page](#)¹⁾ to see how to obtain the binaries.

Two files called *tmcq.xcfg* and *tmcq.xlcl* have to be in the same directory as the one containing the binary.

Configuration

See the [configuration dedicated page](#)²⁾.

Licences

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Status

- Last stable release : **20150612**
- Changelog [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/CHANGELOG.txt>].

Resources

- [User manual](#)³⁾,
- source repository :
 - of the tool [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/>]⁴⁾,
 - of the Epeios framework [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/stable>]⁵⁾,
- download [<http://q37.info/download/computing/tools/tmcq/>]⁶⁾,
- changelog [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/CHANGELOG.txt>]⁷⁾,
- [some more details](#)⁸⁾,
- [compilation instructions](#)⁹⁾.
- [global configuration instructions](#)¹⁰⁾.

¹⁾ , ⁹⁾ <http://q37.info/computing/epeios/compilation/> [<http://q37.info/computing/epeios/compilation/>]

²⁾ , ¹⁰⁾ <http://q37.info/computing/epeios/tools/configuration/> [<http://q37.info/computing/epeios/tools/configuration/>]

³⁾ <http://q37.info/computing/epeios/tools/tmcq/manual/> [<http://q37.info/computing/epeios/tools/tmcq/manual/>]

⁴⁾ <http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/> [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/>]

⁵⁾ <http://hg.savannah.gnu.org/hgweb/epeios/file/tip/stable> [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/stable>]

⁶⁾ <http://q37.info/download/computing/tools/tmcq/> [<http://q37.info/download/computing/tools/tmcq/>]

⁷⁾ <http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/CHANGELOG.txt> [<http://hg.savannah.gnu.org/hgweb/epeios/file/tip/tools/tmcq/CHANGELOG.txt>]

⁸⁾ <http://q37.info/computing/epeios/tools/tmcq/details/> [<http://q37.info/computing/epeios/tools/tmcq/details/>]