tmcq : a timecode calculator/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 <u>configuration dedicated page</u>[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

- <u>User manual</u>[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],
- <u>some more details</u>[8],
- <u>compilation instructions</u>[9].
- <u>global configuration instructions</u>[10].

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[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/]