REPRESENTATION

****time** — relative elapsed time (in seconds)

DESCRIPTION

The ****time** representation is used to represent elapsed time (from some arbitrary moment deemed "time zero") to the onset of the current moment. A typical use for ****time** is to represent the elapsed time from the beginning of a work (in seconds). Data tokens in ****time** consist simply of numbers of seconds, with an optional decimal value. The ****time** representation has no provision for representing "hours" or "minutes".

Barlines are represented using the "common system" for barlines — see **barlines (2)**.

FILE TYPE

It is recommended that files containing predominantly `**time` data should be given names with the distinguishing '.tim' extension.

SIGNIFIERS

The following table summarizes the ****time** mappings of signifiers and signifieds.

0-9	decimal values
.	fractional second delimiter; null token
=	barlines
==	double barline

Summary of ****time** *Signifiers*

EXAMPLES

A sample document is given below:

```
**kern    **metpos    **takt    **time
*M4/4     *M4/4       *M4/4     *M4/4
*MM60     *MM60       *MM60     *MM60
*c:       *           *         *
=1        =1          =1        =1
8r        1           1         0
16cc      4           1.5       0.5
16bn      5           1.75      0.75
8cc       3           2         1
8g        4           2.5       1.5
8a-       2           3         2
16cc      4           3.5       2.5
16b       5           3.75      2.75
8cc       3           4         3
8dd       4           4.5       3.5
=2        =2          =2        =2
8g        1           1         4
16cc      4           1.5       4.5
16bn      5           1.75      4.75
8cc       3           2         5
8dd       4           2.5       5.5
16f       2           3         6
16g       5           3.25      6.25
4a-       4           3.5       6.5
*-        *-          *-        *-
```

PERTINENT COMMANDS

Currently, no special-purpose Humdrum commands produce ****time** as output, or process ****time** encoded data as input.

TANDEM INTERPRETATIONS

The following tandem interpretations can be used in conjunction with ****time**:

MIDI channel	`*Ch1`
meter signatures	`*M6/8`
tempo	`*MM96.3`

Tandem interpretations for ****time**

SEE ALSO

barlines (2), ****date** (2), ****dur** (2), ****metpos** (2), ****ordo** (2), ****recip** (2), ****takt** (2), ****Zeit** (2)