DAYTime

Inherits From:	Object
Conforms To:	NXTransport
Declared In:	daymisckit/DAYTime.h

Class Description

This documentation is still incomplete, and the class itself is only halfway implemented (no day of week or customized stringValues).   Sorry.

DAYTime is used to store a time, accurate from years down to seconds.   You can add and subtract DAYTimes from each other and specify how to generate a string value for the time.   It can calculate the day of the week for a given date, as well. If used to measure time in a relative sense, then the day of week functions are disabled since they don't make sense semantically.   A DAYTime object may easily be initialized or set to the current time on the system clock.   It may also be sent bycopy over a distributed objects link and archived to a file.

Instance Variables

```
BOOL isRelative;
long microsecond;
long second;
long minute;
long hour;
long dow;
long day;
long month;
long year;
```

isRelative	Whether the DAYTime object is an absolute or relative time.
microsecond	The microsecond (0 ± 999,999).
second	The second (0 ± 59).
minute	The minute (0 ± 59).
hour	The hour (0 ± 23).
dow	The day of the week (-1 ±€6). dow is -1 if the day of the week is unknown; for example, if it has not yet been calculated.
day	The day of the month (0 ± 27/28/29/30).
month	The month (0 ± 11).

year	The year.

Method Types

Initializing and freeing a DAYTime	± init
	± initWithCurrentTime
Changing a DAYTime	± setDay:
	± setDayOfWeek:
	± setHour:
	± setMicrosecond:
	± setMinute:
	± setMonth:
	± setRelative:
	± setSecond:
	± setYear:
Manipulating a DAYTime	± addDays:
	± addHours:
	± addMicroseconds:
	± addMinutes:
	± addMonths:
	± addSeconds:
	± addTime:
	± addYears:

± calcDayOfWeek
± subtractDays:
± subtractHours:
± subtractMicroseconds:
± subtractMinutes:
± subtractMonths:
± subtractSeconds:
± subtractTime:
± subtractYears:

Querying attributes

± day
± dayOfWeek
± doubleValue
± floatValue
± hour
± intValue
± isRelative
± microsecond
± minute
± month
± second
± stringValue
± year

Archiving

± read:
± write:

Instance Methods

x

 - x:(x)*x*

x.   Returns *self*.

See also: **-x:**

x

 - x:(x)*x*

x.   Returns *self*.

See also: **-x:**