MiscTime

Inherits From:	Object
Conforms To:	NXTransport
Declared In:	misckit/MiscTime.h

Class Description

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

MiscTime is used to store a time, accurate from years down to microseconds.   You can add and subtract MiscTimes 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 MiscTime object may easily be initialized to an arbitrary time 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 MiscTime 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 MiscTime	± init
	± initWithCurrentTime
Changing a MiscTime	± setDay:
	± setDayOfWeek:
	± setHour:
	± setMicrosecond:
	± setMinute:
	± setMonth:
	± setRelative:
	± setSecond:
	± setYear:
Manipulating a MiscTime	± 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:**