NSTimeZone

Inherits From: NSObject

Conforms To: NSCoding
                                  NSCopying
                                  NSObject

Declared In: foundation/NSDate.h

Creating and Initializing a Time Zone Object

+ (NSTimeZoneDetail *)**defaultTimeZone**   Returns the default time zone as set for the current locale.
+ (NSTimeZone *)**localTimeZone**   Returns a time-zone object that behaves as the correct default time-zone in
                                  any given locale.
+ (NSTimeZone *)**timeZoneForSecondsFromGMT:**(int)*seconds*
                                  Returns a time-zone object representing the time zone with *seconds* offset
                                  from Greenwich Mean Time.
+ (NSTimeZoneDetail *)**timeZoneWithAbbreviation:**(NSString *)*abbreviation*
                                  Returns the time-zone object identified by the abbreviation   *abbreviation*.
                                  If there's no match, this method returns **nil**.
+ (NSTimeZone *)**timeZoneWithName:**(NSString *)*aTimeZoneName*
                                  Returns the time-zone object with the name that corresponds to the
                                  geopolitical region *aTimeZoneName*.

Getting Arrays of Time Zones

+ (NSArray *)**timeZoneArray** Returns an array of arrays, each containing strings that show Preference's current geopolitical names for each time zone.   The subarrays are grouped by latitudinal region.   (See the "time" view of Preferences.)

- (NSArray *)**timeZoneDetailArray** Returns an array of NSTimeZoneDetail objects that are associated with the receiving NSTimeZone object.

Managing Time Zones

+ (void)**setDefaultTimeZone:**(NSTimeZone *)*aTimeZone*
Sets *aTimeZone* as the time zone appropriate for the current locale.   This new time zone replaces the previous default time zone.

Getting Time Zone Information

+ (NSDictionary *)**abbreviationDictionary** Returns a dictionary that maps abbreviations to region names, for example ªPSTº is the key for ªUS/Pacificº.

- (NSTimeZoneDetail *)**timeZoneDetailForDate:**(NSDate *)*date*
Returns the correct time-zone detail object associated with a date object. You invoke this method when a region's time zone (that is, its offset value from GMT) varies over the year, as happens between Standard Time and Daylight Savings Time.

- (NSString *)**timeZoneName** Returns the name of the time zone.