

`initWithString:(NSString *)description`

Initializes and returns an `NSDate` object specified by description in the international format for date representation (YYYY-MM-DD HH:MM:SS).

`initWithString:(NSString *)description  
calendarFormat:(NSString *)format`

Initializes and returns an `NSDate` object specified as a string object in description and interpreted according to the extended `strptime()` date-conversion specifiers in format. Raises `NSDateException` if the description and format do not correspond exactly.

`initWithString:(NSString *)description  
calendarFormat:(NSString *)format  
locale:(NSDictionary *)dictionary`

Initializes and returns an `NSDate` object specified as a string object in description and interpreted according to the extended `strptime` date-conversion specifiers in format. String components of the date are fetched from the locale dictionary. Raises an `NSDateException` if the description and format do not correspond exactly.

`initWithYear:(int)year  
month:(unsigned int)month  
day:(unsigned int)day  
hour:(unsigned int)hour  
minute:(unsigned int)minute`

Returns an `NSDate` object initialized with integers that specify a year (which must include the century), month, day, hour, minute, and second. Also include a time-zone object (`TimeZone`) to have the date adjusted for a particular locale. Raises an

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| dayOfWeek  | Returns a number indicating the day of the week (0 [Sun] through 6 [Sat]).<br>NSDate object.   |
| dayOfYear  | Returns a number indicating the day of the year (1 through 366).<br>NSDate object.   |
| hourOfDay  | Returns a number indicating the hour of the day (0 through 23).<br>NSDate object.  |
| minuteOfHour   | Returns a number indicating the minute of the hour (0 through 59).<br>NSDate object.   |
| monthOfYear  | Returns a number indicating the month of the year (1 through 12).<br>NSDate object.  |
| secondOfMinute   | Returns a number indicating the second of the minute (0 through 59).<br>NSDate object.   |
| yearOfCommonEra  | Returns a number indicating the year, including the century.<br>NSDate object.   |
| NSDate *)addYear:(int)year<br>month:(int)month<br>day:(int)day<br>hour:(int)hour<br>minute:(int)minute<br>second:(int)second | Returns an NSDate objects with the year, month, day, hour, minute, and second offsets specified as arguments and the correct time-zone detail object for the computed date. These offsets are relative to the object and can be positive or negative. This method preserves "clock time" during transitions to and from Daylight Savings Time and on leap years. |
| NSString *)description   | Returns a string description of the receiver's date using the format (%Y-%m-%d %H:%M:%S %z) and the locale and time zone associated with the receiver.   |
| NSString *)descriptionWithCalendarFormat:(NSString *)format  | Returns a string description of the receiver's date that is formatted according to the conversion specifiers in format and using the locale and time zone information associated with the receiver.  |
| NSString *)descriptionWithCalendarFormat:(NSString *)format<br>locale:(NSDictionary *)locale                                 | Returns a string description of the receiver's date that is formatted according to the conversion specifiers in format, represented according to the information in locale, and adjusted according to the time zone information associated with the receiver.  |
| NSString *)descriptionWithLocale:(NSDictionary *)locale  | Returns a string description of the receiver's date using the format (%Y-%m-%d %H:%M:%S %z), with information localized according to the locale information in locale, and using the time zone information associated with the receiver.   |
| NSString *)calendarFormat  | Returns the calendar format (a string of date-conversion specifiers).  |

TimeZoneDetail - TimeZoneDetail

Returns the NS TimeZoneDetail object associated with the