

NSMutableString

Inherits From: NSString : NSObject

Conforms To: NSCoding
NSCopying
NSMutableCopying
NSObject

Declared In: foundation/NSString.h

Creating Temporary Strings

+ (NSMutableString *)**localizedStringWithFormat:**(NSString *)*format*,...

Returns a string created by using *format* as a **printf()** style format string, and the following arguments as values to be substituted into the format string. The user's default locale is used for format information.

+ (NSMutableString *)**stringWithCString:**(const char *)*byteString*

Returns a mutable string containing the characters in *byteString*, which must be null-terminated. *byteString* should contain bytes in the default C string encoding.

+ (NSMutableString *)**stringWithCString:**(const char *)*byteString*
length:(unsigned)*length*

Returns a mutable string containing *length* characters made from *byteString*. This method doesn't stop at a null byte. *byteString* should contain bytes in the default C string encoding.

+ (NSMutableString *)**stringWithCapacity:**(unsigned)*capacity*

Returns an empty mutable string, using *capacity* as a hint for how much initial storage to reserve.

+ (NSMutableString *)**stringWithCharacters:**(const unichar *)*chars*

length:(unsigned)*length*

Returns a mutable string containing *chars*. The first *length* characters are copied into the string. This method doesn't stop at a null character.

+ (NSMutableString *)**stringWithFormat:**(NSString *)*format*,...

Returns a mutable string created by using *format* as a **printf()** style format string, and the subsequent arguments as values to be substituted into the format string.

Initializing a Mutable String

- **initWithCapacity:**(unsigned int)*capacity*

Initializes a newly allocated mutable string object, giving it enough allocated memory to hold *capacity* characters.

Modifying a String

- (void)**appendFormat:**(NSString *)*format*,...

Adds a constructed string to the receiver. The new characters are created by using *format* as a **printf()** style format string, and the following arguments as values to be substituted into the format string. Invokes **replaceCharactersInRange:withString:** as part of its implementation.

- (void)**appendString:**(NSString *)*aString*

Adds the characters of *aString* to end of the receiver. Invokes **replaceCharactersInRange:withString:** as part of its implementation.

- (void)**deleteCharactersInRange:**(NSRange)*aRange*

Removes from the receiver the characters in *aRange*. This method raises an `NSStringBoundsError` exception if any part of *aRange* lies beyond the end of the string. Invokes **replaceCharactersInRange:withString:** as part of its implementation.

- (void)**insertString:**(NSString *)*aString*
atIndex:(unsigned)*index*

Inserts the characters of *aString* into the receiver, such that the new characters begin at *index* and the existing character from *index* to the end are shifted by the length of *aString*. This method raises an `NSStringBoundsError` exception if *index* lies beyond the end of the string. Invokes **replaceCharactersInRange:withString:** as part of its implementation.

- (void)**replaceCharactersInRange:**(NSRange)*aRange*
withString:(NSString *)*otherString*

Inserts the characters of *otherString* into the receiver, such that they replace the characters in *aRange*. This method raises an `NSStringBoundsError` exception if any part of *aRange* lies beyond the end of the string.

- (void)**setString**:(NSString *)*aString*

Replaces the characters of the receiver with those in *aString*.