

NSNumber

Inherits From: NSValue : NSObject

Conforms To: NSCoder
NSCopying
NSObject

Declared In: foundation/NSValue.h

Allocating and Initializing

- + (NSNumber *)**numberWithBool:**(BOOL)*value* Creates and returns a number object representing *value* of the type **BOOL**.
- + (NSNumber *)**numberWithChar:**(char)*value* Creates and returns a number object representing *value* of the type **char**.
- + (NSNumber *)**numberWithDouble:**(double)*value* Creates and returns a number object representing *value* of the type **double**.
- + (NSNumber *)**numberWithFloat:**(float)*value* Creates and returns a number object representing *value* of the type **float**.
- + (NSNumber *)**numberWithInt:**(int)*value* Creates and returns a number object representing *value* of the type **int**.
- + (NSNumber *)**numberWithLong:**(long)*value* Creates and returns a number object representing *value* of the type **long**.
- + (NSNumber *)**numberWithLongLong:**(long long)*value*
Creates and returns a number object representing *value* of the type **long long**.
- + (NSNumber *)**numberWithShort:**(short)*value* Creates and returns a number object representing *value* of the type **short**.
- + (NSNumber *)**numberWithUnsignedChar:**(unsigned char)*value*
Creates and returns a number object representing *value* of the type

unsigned char.

+ (NSNumber *)**numberWithUnsignedInt:**(unsigned int)*value*

Creates and returns a number object representing *value* of the type

unsigned int.

+ (NSNumber *)**numberWithUnsignedLong:**(unsigned long)*value*

Creates and returns a number object representing *value* of the type

unsigned long.

+ (NSNumber *)**numberWithUnsignedLongLong:**(unsigned long long)*value*

Creates and returns a number object representing *value* of the type

unsigned long long.

+ (NSNumber *)**numberWithUnsignedShort:**(unsigned short)*value*

Creates and returns a number object representing *value* of the type

unsigned short.

Accessing Data

- (BOOL)**boolValue**

Returns the receiver's value as a boolean value.

- (char)**charValue**

Returns the receiver's value as a character value.

- (double)**doubleValue**

Returns the receiver's value as a double precision floating point value.

- (float)**floatValue**

Returns the receiver's value as a single precision floating point value.

- (int)**intValue**

Returns the receiver's value as a integer value.

- (long long)**longLongValue**

Returns the receiver's value as a long long double precision floating point value.

- (long)**longValue**

Returns the receiver's value as a long double precision floating point value.

- (short)**shortValue**

Returns the receiver's value as a short integer value.

- (NSString *)**stringValue**

Returns the receiver's value as a string contained in an NSString object.

- (unsigned char)**unsignedCharValue**

Returns the receiver's value as an unsigned character value.

- (unsigned int)**unsignedIntValue**

Returns the receiver's value as an unsigned integer value.

- (unsigned long long)**unsignedLongLongValue** Returns the receiver's value as an unsigned long long double precision floating point value.

- (unsigned long)**unsignedLongValue**

Returns the receiver's value as an unsigned long double precision floating

- (unsigned short)**unsignedShortValue** point value.
Returns the receiver's value as an unsigned short integer value.

Comparing Data

- (NSComparisonResult)**compare:(NSNumber *)*other***
Compares the receiver to *other*, using ANSI C rules for type coercion, and returns an NSComparisonResult.