

## NSMutableCharacterSet

**Inherits From:** NSMutableCharacterSet : NSObject

**Conforms To:** NSCoder  
NSCopying  
NSMutableCopying  
NSObject

**Declared In:** foundation/NSMutableCharacterSet.h

### Adding and Removing Characters

- (void)**addCharactersInRange:(NSRange)aRange** Adds to the receiver the Unicode characters whose values are given by *aRange*.
- (void)**addCharactersInString:(NSString \*)aString** Adds the characters in *aString* to those in the receiver.
- (void)**removeCharactersInRange:(NSRange)aRange**  
Removes from the receiver the Unicode characters whose values are given by *aRange*.
- (void)**removeCharactersInString:(NSString \*)aString**  
Removes from the receiver the characters in *aString*.

### Combining Character Sets

- (void)**formIntersectionWithCharacterSet:(NSMutableCharacterSet \*)otherSet**

Modifies the receiver so that it contains only those characters that exist in both the receiver and in *otherSet*.

- (void)**formUnionWithCharacterSet:**(NSCharacterSet \*)*otherSet*

Modifies the receiver so that it contains all characters that exist in either the receiver or *otherSet*, barring duplicates.

## **Inverting a Character Set**

- (void)**invert**

Replaces all of the characters in the receiver with all the characters it didn't previously contain.