

NSSpellChecker

Inherits From: NSObject
Declared In: appkit/NSSpellChecker.h

Making A Checker Available

- + (NSSpellChecker *)**sharedSpellChecker** Returns the NSSpellChecker (one per application).
- + (BOOL)**sharedSpellCheckerExists** Returns whether the application's NSSpellChecker has already been created.

Managing The Spelling Panel

- (NSView *)**accessoryView** Returns the spell panel's accessory NSView object.
- (void)**setAccessoryView:(NSView *)aView** Makes an NSView object an accessory of the spell panel by making it a subview of the panel's content view.
- (NSPanel *)**spellingPanel** Returns the NSSpellChecker's panel.

Checking Spelling

- (int)**countWordsInString:(NSString *)string** Returns the number of words in *string*.
- (NSRange)**checkSpellingOfString:(NSString *)stringToCheck**

startingAt:(int)startingOffset

Starts the search for a misspelled word in *stringToCheck* starting at *startingOffset* within the string object. Returns the range of the first misspelled word. Wrapping occurs but no ignored-words dictionary is used.

- (NSRange)**checkSpellingOfString:(NSString *)stringToCheck**

startingAt:(int)startingOffset

wrap:(BOOL)wrapFlag

inSpellDocumentWithTag:(int)tag

wordCount:(int *)wordCount

Starts the search for a misspelled word in *stringToCheck* starting at *startingOffset* within the string object.

Returns the range of the first misspelled word and optionally the word count by reference. *tag* is an identifier unique within the application used to inform the spell check which document (actually, a dictionary) of ignored words to use. *wrap* determines whether spell checking continues at the beginning of the string when the end is reached.

Setting the Language

- (NSString *)**language**

Returns the current language used in spell-checking.

- (BOOL)**setLanguage:(NSString *)aLanguage**

Sets the language to use in spell-checking to *aLanguage*. Returns whether the Language pop-up list in the spelling panel lists *aLanguage*.

Managing the Spelling Process

+ (int)**uniqueSpellDocumentTag**

Returns a guaranteed unique tag to use as the spell-document tag for a document. Use this method to generate tags to avoid collisions with other objects that can be spell-checked.

- (void)**closeSpellDocumentWithTag:(int)tag**

Notifies the NSSpellChecker that the user has finished with the ignored-word document identified by *tag*, causing it to throw that dictionary away.

- (void)**ignoreWord:(NSString *)wordToIgnore
inSpellDocumentWithTag:(int)tag**

Instructs the NSSpellChecker to ignore all future occurrences of *wordToIgnore* in the document identified by *tag*. You should call this method from within your implementation of the

NSIgnoreMisspelledWords protocol's **ignoreSpelling:**.

- (NSArray *)**ignoredWordsInSpellDocumentWithTag:(int)***tag*

Returns the array of ignored words for a document identified by *tag*.

Invoke this before **closeSpellDocument:** if you want to store the ignored words.

- (void)**setIgnoredWords:(NSArray *)***someWords*
inSpellDocumentWithTag:(int)*tag*

Initializes the ignored-words document (i.e., dictionary identified by *tag* with *someWords*, an array of words to ignore.

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

Sets the string that appears in the misspelled word field using the string object *aString*.

- (void)**updateSpellingPanelWithMisspelledWord:(NSString *)***word*

Causes NSSpellChecker to update the spelling panel's misspelled-word field to reflect *word*. You are responsible for highlighting *word* in the document and for extracting it from the document using the range returned by the **checkSpelling:...** methods.