
NSXMLParser Class Reference

Data Management



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Contents

NSXMLParser Class Reference 5

Overview	5
Tasks	5
Initializing a Parser Object	5
Managing Delegates	6
Managing Parser Behavior	6
Parsing	6
Obtaining Parser State	6
Instance Methods	7
abortParsing	7
columnNumber	7
delegate	8
initWithContentsOfURL:	8
initWithData:	8
lineNumber	9
parse	9
parserError	10
publicID	10
setDelegate:	10
setShouldProcessNamespaces:	11
setShouldReportNamespacePrefixes:	11
setShouldResolveExternalEntities:	12
shouldProcessNamespaces	12
shouldReportNamespacePrefixes	13
shouldResolveExternalEntities	13
systemID	13
Constants	14
NSXMLParserErrorDomain	14
NSXMLParserError	14
Parser Error Constants	14

Document Revision History 27

Index 29

NSXMLParser Class Reference

Inherits from	NSObject
Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.3 and later.
Companion guide	Event-Driven XML Programming Guide for Cocoa
Declared in	NSXMLParser.h
Related sample code	ImageMap ImageMapExample

Overview

Instances of this class parse XML documents (including DTD declarations) in an event-driven manner. An `NSXMLParser` notifies its delegate about the items (elements, attributes, CDATA blocks, comments, and so on) that it encounters as it processes an XML document. It does not itself do anything with those parsed items except report them. It also reports parsing errors. For convenience, an `NSXMLParser` object in the following descriptions is sometimes referred to as a parser object.

Note: Namespace support was implemented in `NSXMLParser` for Mac OS X v10.4. Namespace-related methods of `NSXMLParser` prior to this version have no effect.

Tasks

Initializing a Parser Object

- `initWithContentsOfURL:` (page 8)
Initializes the receiver with the XML content referenced by the given URL.
- `initWithData:` (page 8)
Initializes the receiver with the XML contents encapsulated in a given data object.

Managing Delegates

- [setDelegate:](#) (page 10)
Sets the receiver's delegate.
- [delegate](#) (page 8)
Returns the receiver's delegate.

Managing Parser Behavior

- [setShouldProcessNamespaces:](#) (page 11)
Specifies whether the receiver reports the namespace and the qualified name of an element in related delegation methods .
- [shouldProcessNamespaces](#) (page 12)
Indicates whether the receiver reports the namespace and the qualified name of an element in related delegation methods.
- [setShouldReportNamespacePrefixes:](#) (page 11)
Specifies whether the receiver reports the scope of namespace declarations using related delegation methods.
- [shouldReportNamespacePrefixes](#) (page 13)
Indicates whether the receiver reports the prefixes indicating the scope of namespace declarations using related delegation methods.
- [setShouldResolveExternalEntities:](#) (page 12)
Specifies whether the receiver reports declarations of external entities using the delegate method `parser:foundExternalEntityDeclarationWithName:publicID:systemID:.`
- [shouldResolveExternalEntities](#) (page 13)
Indicates whether the receiver reports declarations of external entities using the delegate method `parser:foundExternalEntityDeclarationWithName:publicID:systemID:.`

Parsing

- [parse](#) (page 9)
Starts the event-driven parsing operation.
- [abortParsing](#) (page 7)
Stops the parser object.
- [parserError](#) (page 10)
Returns an `NSError` object from which you can obtain information about a parsing error.

Obtaining Parser State

- [columnNumber](#) (page 7)
Returns the column number of the XML document being processed by the receiver.
- [lineNumber](#) (page 9)
Returns the line number of the XML document being processed by the receiver.

- [publicID](#) (page 10)
Returns the public identifier of the external entity referenced in the XML document.
- [systemID](#) (page 13)
Returns the system identifier of the external entity referenced in the XML document.

Instance Methods

abortParsing

Stops the parser object.

- (void)abortParsing

Discussion

If you invoke this method, the delegate, if it implements `parser:parseErrorOccurred:`, is informed of the cancelled parsing operation.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [parse](#) (page 9)
- [parserError](#) (page 10)

Related Sample Code

ImageMap
ImageMapExample

Declared In

NSXMLParser.h

columnNumber

Returns the column number of the XML document being processed by the receiver.

- (NSInteger)columnNumber

Discussion

The column refers to the nesting level of the XML elements in the document. You may invoke this method once a parsing operation has begun or after an error occurs.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [lineNumber](#) (page 9)

Declared In

NSXMLParser.h

delegate

Returns the receiver's delegate.

```
- (id < NSXMLParserDelegate >)delegate
```

Availability

Available in Mac OS X v10.3 and later.

See Also

- [setDelegate:](#) (page 10)

Declared In

NSXMLParser.h

initWithContentsOfURL:

Initializes the receiver with the XML content referenced by the given URL.

```
- (id)initWithContentsOfURL:(NSURL *)url
```

Parameters

url

An NSURL object specifying a URL. The URL must be fully qualified and refer to a scheme that is supported by the NSURL class.

Return Value

An initialized NSXMLParser object or nil if an error occurs.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [initWithData:](#) (page 8)

Declared In

NSXMLParser.h

initWithData:

Initializes the receiver with the XML contents encapsulated in a given data object.

```
- (id)initWithData:(NSData *)data
```

Parameters

data

An NSData object containing XML markup.

Return Value

An initialized NSXMLParser object or nil if an error occurs.

Discussion

This method is the designated initializer.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [initWithContentsOfURL:](#) (page 8)

Declared In

NSXMLParser.h

lineNumber

Returns the line number of the XML document being processed by the receiver.

- (NSInteger)lineNumber

Discussion

You may invoke this method once a parsing operation has begun or after an error occurs.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [columnNumber](#) (page 7)

Declared In

NSXMLParser.h

parse

Starts the event-driven parsing operation.

- (BOOL)parse

Return Value

YES if parsing is successful and NO if there is an error or if the parsing operation is aborted.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [abortParsing](#) (page 7)

- [parserError](#) (page 10)

Related Sample Code

ImageMap

ImageMapExample

Declared In

NSXMLParser.h

parserError

Returns an `NSError` object from which you can obtain information about a parsing error.

- (NSError *)parserError

Discussion

You may invoke this method after a parsing operation abnormally terminates to determine the cause of error.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [abortParsing](#) (page 7)
- [parse](#) (page 9)

Declared In

NSXMLParser.h

publicID

Returns the public identifier of the external entity referenced in the XML document.

- (NSString *)publicID

Discussion

You may invoke this method once a parsing operation has begun or after an error occurs.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [systemID](#) (page 13)

Declared In

NSXMLParser.h

setDelegate:

Sets the receiver's delegate.

- (void)setDelegate:(id < NSXMLParserDelegate >)delegate

Parameters

delegate

An object that is the new delegate. It is not retained. The delegate must conform to the `NSXMLParserDelegate` protocol.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [delegate](#) (page 8)

Related Sample Code

ImageMap

ImageMapExample

Declared In

NSXMLParser.h

setShouldProcessNamespaces:

Specifies whether the receiver reports the namespace and the qualified name of an element in related delegation methods .

- (void)setShouldProcessNamespaces:(BOOL)shouldProcessNamespaces

Parameters

shouldProcessNamespaces

YES if the receiver should report the namespace and qualified name of each element, NO otherwise.

The default value is NO.

Discussion

The invoked delegation methods are

parser:didStartElement:namespaceURI:qualifiedName:attributes: and

parser:didEndElement:namespaceURI:qualifiedName:.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [shouldProcessNamespaces](#) (page 12)

Declared In

NSXMLParser.h

setShouldReportNamespacePrefixes:

Specifies whether the receiver reports the scope of namespace declarations using related delegation methods.

- (void)setShouldReportNamespacePrefixes:(BOOL)shouldReportNamespacePrefixes

Parameters

shouldReportNamespacePrefixes

YES if the receiver should report the scope of namespace declarations, NO otherwise. The default value is NO.

Discussion

The invoked delegation methods are parser:didStartMappingPrefix:toURI: and

parser:didEndMappingPrefix:.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [shouldReportNamespacePrefixes](#) (page 13)

Declared In

NSXMLParser.h

setShouldResolveExternalEntities:

Specifies whether the receiver reports declarations of external entities using the delegate method `parser:foundExternalEntityDeclarationWithName:publicID:systemID:.`

- (void)setShouldResolveExternalEntities:(BOOL)shouldResolveExternalEntities

Parameters

shouldResolveExternalEntities

YES if the receiver should report declarations of external entities, NO otherwise. The default value is NO.

Discussion

If you pass in YES, you may cause other I/O operations, either network-based or disk-based, to load the external DTD.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [shouldResolveExternalEntities](#) (page 13)

Declared In

NSXMLParser.h

shouldProcessNamespaces

Indicates whether the receiver reports the namespace and the qualified name of an element in related delegation methods.

- (BOOL)shouldProcessNamespaces

Return Value

YES if the receiver reports namespace and qualified name, NO otherwise.

Discussion

The invoked delegation methods are

`parser:didStartElement:namespaceURI:qualifiedName:attributes:and`
`parser:didEndElement:namespaceURI:qualifiedName:.`

Availability

Available in Mac OS X v10.3 and later.

See Also

- [setShouldProcessNamespaces:](#) (page 11)

Declared In

NSXMLParser.h

shouldReportNamespacePrefixes

Indicates whether the receiver reports the prefixes indicating the scope of namespace declarations using related delegation methods.

- (BOOL)shouldReportNamespacePrefixes

Return Value

YES if the receiver reports the scope of namespace declarations, NO otherwise. The default value is NO.

Discussion

The invoked delegation methods are `parser:didStartMappingPrefix:toURI:` and `parser:didEndMappingPrefix:`.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [setShouldReportNamespacePrefixes:](#) (page 11)

Declared In

NSXMLParser.h

shouldResolveExternalEntities

Indicates whether the receiver reports declarations of external entities using the delegate method `parser:foundExternalEntityDeclarationWithName:publicID:systemID:`.

- (BOOL)shouldResolveExternalEntities

Return Value

YES if the receiver reports declarations of external entities, NO otherwise. The default value is NO.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [setShouldResolveExternalEntities:](#) (page 12)

Declared In

NSXMLParser.h

systemID

Returns the system identifier of the external entity referenced in the XML document.

- (NSString *)systemID

Discussion

You may invoke this method once a parsing operation has begun or after an error occurs.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [publicID](#) (page 10)

Declared In

NSXMLParser.h

Constants

NSXMLParserErrorDomain

This constant defines the NSXMLParser error domain.

```
NSString * const NSXMLParserErrorDomain
```

Constants

NSXMLParserErrorDomain

Indicates an error in XML parsing.

Used by NSError.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

Declared In

NSXMLParser.h

NSXMLParserError

A type defined for the constants listed in “[Parser Error Constants](#)” (page 14).

```
typedef NSInteger NSXMLParserError;
```

Availability

Available in Mac OS X v10.3 and later.

Declared In

NSXMLParser.h

Parser Error Constants

The following error types are defined by NSXMLParser.

```

typedef enum {
    NSXMLParserInternalError = 1,
    NSXMLParserOutOfMemoryError = 2,
    NSXMLParserDocumentStartError = 3,
    NSXMLParserEmptyDocumentError = 4,
    NSXMLParserPrematureDocumentEndError = 5,
    NSXMLParserInvalidHexCharacterRefError = 6,
    NSXMLParserInvalidDecimalCharacterRefError = 7,
    NSXMLParserInvalidCharacterRefError = 8,
    NSXMLParserInvalidCharacterError = 9,
    NSXMLParserCharacterRefAtEOFError = 10,
    NSXMLParserCharacterRefInPrologError = 11,
    NSXMLParserCharacterRefInEpilogError = 12,
    NSXMLParserCharacterRefInDTDError = 13,
    NSXMLParserEntityRefAtEOFError = 14,
    NSXMLParserEntityRefInPrologError = 15,
    NSXMLParserEntityRefInEpilogError = 16,
    NSXMLParserEntityRefInDTDError = 17,
    NSXMLParserParsedEntityRefAtEOFError = 18,
    NSXMLParserParsedEntityRefInPrologError = 19,
    NSXMLParserParsedEntityRefInEpilogError = 20,
    NSXMLParserParsedEntityRefInInternalSubsetError = 21,
    NSXMLParserEntityReferenceWithoutNameError = 22,
    NSXMLParserEntityReferenceMissingSemiError = 23,
    NSXMLParserParsedEntityRefNoNameError = 24,
    NSXMLParserParsedEntityRefMissingSemiError = 25,
    NSXMLParserUndeclaredEntityError = 26,
    NSXMLParserUnparsedEntityError = 28,
    NSXMLParserEntityIsExternalError = 29,
    NSXMLParserEntityIsParameterError = 30,
    NSXMLParserUnknownEncodingError = 31,
    NSXMLParserEncodingNotSupportedError = 32,
    NSXMLParserStringNotStartedError = 33,
    NSXMLParserStringNotClosedError = 34,
    NSXMLParserNamespaceDeclarationError = 35,
    NSXMLParserEntityNotStartedError = 36,
    NSXMLParserEntityNotFinishedError = 37,
    NSXMLParserLessThanSymbolInAttributeError = 38,
    NSXMLParserAttributeNotStartedError = 39,
    NSXMLParserAttributeNotFinishedError = 40,
    NSXMLParserAttributeHasNoValueError = 41,
    NSXMLParserAttributeRedefinedError = 42,
    NSXMLParserLiteralNotStartedError = 43,
    NSXMLParserLiteralNotFinishedError = 44,
    NSXMLParserCommentNotFinishedError = 45,
    NSXMLParserProcessingInstructionNotStartedError = 46,
    NSXMLParserProcessingInstructionNotFinishedError = 47,
    NSXMLParserNotationNotStartedError = 48,
    NSXMLParserNotationNotFinishedError = 49,
    NSXMLParserAttributeListNotStartedError = 50,
    NSXMLParserAttributeListNotFinishedError = 51,
    NSXMLParserMixedContentDeclNotStartedError = 52,
    NSXMLParserMixedContentDeclNotFinishedError = 53,
    NSXMLParserElementContentDeclNotStartedError = 54,
    NSXMLParserElementContentDeclNotFinishedError = 55,
    NSXMLParserXMLDeclNotStartedError = 56,
    NSXMLParserXMLDeclNotFinishedError = 57,
    NSXMLParserConditionalSectionNotStartedError = 58,

```

```

NSXMLParserConditionalSectionNotFinishedError = 59,
NSXMLParserExternalSubsetNotFinishedError = 60,
NSXMLParserDOCTYPEDeclNotFinishedError = 61,
NSXMLParserMisplacedCDATAEndStringError = 62,
NSXMLParserCDATANotFinishedError = 63,
NSXMLParserMisplacedXMLDeclarationError = 64,
NSXMLParserSpaceRequiredError = 65,
NSXMLParserSeparatorRequiredError = 66,
NSXMLParserNMTOKENRequiredError = 67,
NSXMLParserNAMERequiredError = 68,
NSXMLParserPCDATARequiredError = 69,
NSXMLParserURIRequiredError = 70,
NSXMLParserPublicIdentifierRequiredError = 71,
NSXMLParserLTRRequiredError = 72,
NSXMLParserGTRRequiredError = 73,
NSXMLParserLTSlashRequiredError = 74,
NSXMLParserEqualExpectedError = 75,
NSXMLParserTagNameMismatchError = 76,
NSXMLParserUnfinishedTagError = 77,
NSXMLParserStandaloneValueError = 78,
NSXMLParserInvalidEncodingNameError = 79,
NSXMLParserCommentContainsDoubleHyphenError = 80,
NSXMLParserInvalidEncodingError = 81,
NSXMLParserExternalStandaloneEntityError = 82,
NSXMLParserInvalidConditionalSectionError = 83,
NSXMLParserEntityValueRequiredError = 84,
NSXMLParserNotWellBalancedError = 85,
NSXMLParserExtraContentError = 86,
NSXMLParserInvalidCharacterInEntityError = 87,
NSXMLParserParsedEntityRefInInternalError = 88,
NSXMLParserEntityRefLoopError = 89,
NSXMLParserEntityBoundaryError = 90,
NSXMLParserInvalidURIError = 91,
NSXMLParserURIFragmentError = 92,
NSXMLParserNoDTDError = 94,
NSXMLParserDelegateAbortedParseError = 512
} NSXMLParserError;

```

Constants

`NSXMLParserInternalError`

The parser object encountered an internal error.

Available in Mac OS X v10.3 and later.

Declared in `NSXMLParser.h`.

`NSXMLParserOutOfMemoryError`

The parser object ran out of memory.

Available in Mac OS X v10.3 and later.

Declared in `NSXMLParser.h`.

`NSXMLParserDocumentStartError`

The parser object is unable to start parsing.

Available in Mac OS X v10.3 and later.

Declared in `NSXMLParser.h`.

NSXMLParserEmptyDocumentError

The document is empty.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserPrematureDocumentEndError

The document ended unexpectedly.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidHexCharacterRefError

Invalid hexadecimal character reference encountered.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidDecimalCharacterRefError

Invalid decimal character reference encountered.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidCharacterRefError

Invalid character reference encountered.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidCharacterError

Invalid character encountered.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserCharacterRefAtEOFError

Target of character reference cannot be found.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserCharacterRefInPrologError

Invalid character found in the prolog.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserCharacterRefInEpilogError

Invalid character found in the epilog.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserCharacterRefInDTDError

Invalid character encountered in the DTD.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

- `NSXMLParserEntityRefAtEOFError`
Target of entity reference is not found.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityRefInPrologError`
Invalid entity reference found in the prolog.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityRefInEpilogError`
Invalid entity reference found in the epilog.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityRefInDTDError`
Invalid entity reference found in the DTD.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserParsedEntityRefAtEOFError`
Target of parsed entity reference is not found.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserParsedEntityRefInPrologError`
Target of parsed entity reference is not found in prolog.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserParsedEntityRefInEpilogError`
Target of parsed entity reference is not found in epilog.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserParsedEntityRefInInternalSubsetError`
Target of parsed entity reference is not found in internal subset.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityReferenceWithoutNameError`
Entity reference is without name.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityReferenceMissingSemiError`
Entity reference is missing semicolon.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

- `NSXMLParserParsedEntityRefNoNameError`
Parsed entity reference is without an entity name.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserParsedEntityRefMissingSemiError`
Parsed entity reference is missing semicolon.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserUndeclaredEntityError`
Entity is not declared.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserUnparsedEntityError`
Cannot parse entity.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityIsExternalError`
Cannot parse external entity.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityIsParameterError`
Entity is a parameter.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserUnknownEncodingError`
Document encoding is unknown.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEncodingNotSupportedError`
Document encoding is not supported.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserStringNotStartedError`
String is not started.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserStringNotClosedError`
String is not closed.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserNamespaceDeclarationError`
Invalid namespace declaration encountered.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserEntityNotStartedError`
Entity is not started.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserEntityNotFinishedError`
Entity is not finished.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserLessThanSymbolInAttributeError`
Angle bracket is used in attribute.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserAttributeNotStartedError`
Attribute is not started.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserAttributeNotFinishedError`
Attribute is not finished.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserAttributeHasNoValueError`
Attribute doesn't contain a value.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserAttributeRedefinedError`
Attribute is redefined.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserLiteralNotStartedError`
Literal is not started.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

`NSXMLParserLiteralNotFinishedError`
Literal is not finished.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

NSXMLParserCommentNotFinishedError

Comment is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserProcessingInstructionNotStartedError

Processing instruction is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserProcessingInstructionNotFinishedError

Processing instruction is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserNotationNotStartedError

Notation is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserNotationNotFinishedError

Notation is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserAttributeListNotStartedError

Attribute list is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserAttributeListNotFinishedError

Attribute list is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserMixedContentDeclNotStartedError

Mixed content declaration is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserMixedContentDeclNotFinishedError

Mixed content declaration is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserElementContentDeclNotStartedError

Element content declaration is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserElementContentDeclNotFinishedError
Element content declaration is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserXMLDeclNotStartedError
XML declaration is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserXMLDeclNotFinishedError
XML declaration is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserConditionalSectionNotStartedError
Conditional section is not started.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserConditionalSectionNotFinishedError
Conditional section is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserExternalSubsetNotFinishedError
External subset is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserDOCTYPEDeclNotFinishedError
Document type declaration is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserMisplacedCDATAEndStringError
Misplaced CDATA end string.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserCDATANotFinishedError
CDATA block is not finished.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserMisplacedXMLDeclarationError
Misplaced XML declaration.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

- `NSXMLParserSpaceRequiredError`
Space is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserSeparatorRequiredError`
Separator is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserNMTOKENRequiredError`
Name token is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserNAMERequiredError`
Name is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserPCDATARequiredError`
CDATA is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserURIRequiredError`
URI is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserPublicIdentifierRequiredError`
Public identifier is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserLTRequiredError`
Left angle bracket is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserGTRequiredError`
Right angle bracket is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserLTSlashRequiredError`
Left angle bracket slash is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

- `NSXMLParserEqualExpectedError`
Equal sign expected.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserTagNameMismatchError`
Tag name mismatch.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserUnfinishedTagError`
Unfinished tag found.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserStandaloneValueError`
Standalone value found.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserInvalidEncodingNameError`
Invalid encoding name found.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserCommentContainsDoubleHyphenError`
Comment contains double hyphen.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserInvalidEncodingError`
Invalid encoding.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserExternalStandaloneEntityError`
External standalone entity.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserInvalidConditionalSectionError`
Invalid conditional section.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.
- `NSXMLParserEntityValueRequiredError`
Entity value is required.
Available in Mac OS X v10.3 and later.
Declared in `NSXMLParser.h`.

NSXMLParserNotWellBalancedError

Document is not well balanced.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserExtraContentError

Error in content found.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidCharacterInEntityError

Invalid character in entity found.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserParsedEntityRefInInternalError

Internal error in parsed entity reference found.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserEntityRefLoopError

Entity reference loop encountered.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserEntityBoundaryError

Entity boundary error.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserInvalidURIError

Invalid URI specified.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserURIFragmentError

URI fragment.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserNoDTDError

Missing DTD.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

NSXMLParserDelegateAbortedParseError

Delegate aborted parse.

Available in Mac OS X v10.3 and later.

Declared in NSXMLParser.h.

Declared In

NSXMLParser.h

Document Revision History

This table describes the changes to *NSXMLParser Class Reference*.

Date	Notes
2009-04-18	Updated for Mac OS X v10.6. Delegate methods moved to NSXMLParserDelegate Protocol Reference.
2007-02-02	Merged delegate method groups with regular method groups.
2006-11-07	Added version information for namespace support.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

Document Revision History

Index

A

`abortParsing` [instance method](#) 7

C

`columnNumber` [instance method](#) 7

D

`delegate` [instance method](#) 8

I

`initWithContentsOfURL:` [instance method](#) 8

`initWithData:` [instance method](#) 8

L

`lineNumber` [instance method](#) 9

N

`NSXMLParserAttributeHasNoValueError` [constant](#) 20

`NSXMLParserAttributeListNotFinishedError` [constant](#) 21

`NSXMLParserAttributeListNotStartedError` [constant](#) 21

`NSXMLParserAttributeNotFinishedError` [constant](#) 20

`NSXMLParserAttributeNotStartedError` [constant](#) 20

`NSXMLParserAttributeRedefinedError` [constant](#) 20

`NSXMLParserCDATANotFinishedError` [constant](#) 22

`NSXMLParserCharacterRefAtEOFError` [constant](#) 17

`NSXMLParserCharacterRefInDTDError` [constant](#) 17

`NSXMLParserCharacterRefInEpilogError` [constant](#) 17

`NSXMLParserCharacterRefInPrologError` [constant](#) 17

`NSXMLParserCommentContainsDoubleHyphenError` [constant](#) 24

`NSXMLParserCommentNotFinishedError` [constant](#) 21

`NSXMLParserConditionalSectionNotFinishedError` [constant](#) 22

`NSXMLParserConditionalSectionNotStartedError` [constant](#) 22

`NSXMLParserDelegateAbortedParseError` [constant](#) 25

`NSXMLParserDOCTYPEDeclNotFinishedError` [constant](#) 22

`NSXMLParserDocumentStartError` [constant](#) 16

`NSXMLParserElementContentDeclNotFinishedError` [constant](#) 22

`NSXMLParserElementContentDeclNotStartedError` [constant](#) 21

`NSXMLParserEmptyDocumentError` [constant](#) 17

`NSXMLParserEncodingNotSupportedError` [constant](#) 19

`NSXMLParserEntityBoundaryError` [constant](#) 25

`NSXMLParserEntityIsExternalError` [constant](#) 19

`NSXMLParserEntityIsParameterError` [constant](#) 19

`NSXMLParserEntityNotFinishedError` [constant](#) 20

`NSXMLParserEntityNotStartedError` [constant](#) 20

`NSXMLParserEntityRefAtEOFError` [constant](#) 18

`NSXMLParserEntityReferenceMissingSemiError` [constant](#) 18

`NSXMLParserEntityReferenceWithoutNameError` [constant](#) 18

`NSXMLParserEntityRefInDTDError` [constant](#) 18

`NSXMLParserEntityRefInEpilogError` [constant](#) 18

`NSXMLParserEntityRefInPrologError` [constant](#) 18

`NSXMLParserEntityRefLoopError` [constant](#) 25

NSXMLParserEntityValueRequiredError **constant** [24](#)
 NSXMLParserEqualExpectedError **constant** [24](#)
 NSXMLParserError **data type** [14](#)
NSXMLParserErrorDomain [14](#)
 NSXMLParserErrorDomain **constant** [14](#)
 NSXMLParserExternalStandaloneEntityError **constant** [24](#)
 NSXMLParserExternalSubsetNotFinishedError **constant** [22](#)
 NSXMLParserExtraContentError **constant** [25](#)
 NSXMLParserGTRequiredError **constant** [23](#)
 NSXMLParserInternalError **constant** [16](#)
 NSXMLParserInvalidCharacterError **constant** [17](#)
 NSXMLParserInvalidCharacterInEntityError **constant** [25](#)
 NSXMLParserInvalidCharacterRefError **constant** [17](#)
 NSXMLParserInvalidConditionalSectionError **constant** [24](#)
 NSXMLParserInvalidDecimalCharacterRefError **constant** [17](#)
 NSXMLParserInvalidEncodingError **constant** [24](#)
 NSXMLParserInvalidEncodingNameError **constant** [24](#)
 NSXMLParserInvalidHexCharacterRefError **constant** [17](#)
 NSXMLParserInvalidURIError **constant** [25](#)
 NSXMLParserLessThanSymbolInAttributeError **constant** [20](#)
 NSXMLParserLiteralNotFinishedError **constant** [20](#)
 NSXMLParserLiteralNotStartedError **constant** [20](#)
 NSXMLParserLTRequiredError **constant** [23](#)
 NSXMLParserLTSlashRequiredError **constant** [23](#)
 NSXMLParserMisplacedCDATAEndStringError **constant** [22](#)
 NSXMLParserMisplacedXMLDeclarationError **constant** [22](#)
 NSXMLParserMixedContentDeclNotFinishedError **constant** [21](#)
 NSXMLParserMixedContentDeclNotStartedError **constant** [21](#)
 NSXMLParserNAMERequiredError **constant** [23](#)
 NSXMLParserNamespaceDeclarationError **constant** [20](#)
 NSXMLParserNMTOKENRequiredError **constant** [23](#)
 NSXMLParserNoDTDError **constant** [25](#)
 NSXMLParserNotationNotFinishedError **constant** [21](#)
 NSXMLParserNotationNotStartedError **constant** [21](#)
 NSXMLParserNotWellBalancedError **constant** [25](#)
 NSXMLParserOutOfMemoryError **constant** [16](#)

NSXMLParserParsedEntityRefAtEOFError **constant** [18](#)
 NSXMLParserParsedEntityRefInEpilogError **constant** [18](#)
 NSXMLParserParsedEntityRefInInternalError **constant** [25](#)
 NSXMLParserParsedEntityRefInInternalSubsetError **constant** [18](#)
 NSXMLParserParsedEntityRefInPrologError **constant** [18](#)
 NSXMLParserParsedEntityRefMissingSemiError **constant** [19](#)
 NSXMLParserParsedEntityRefNoNameError **constant** [19](#)
 NSXMLParserPCDATARequiredError **constant** [23](#)
 NSXMLParserPrematureDocumentEndError **constant** [17](#)
 NSXMLParserProcessingInstructionNotFinishedError **constant** [21](#)
 NSXMLParserProcessingInstructionNotStartedError **constant** [21](#)
 NSXMLParserPublicIdentifierRequiredError **constant** [23](#)
 NSXMLParserSeparatorRequiredError **constant** [23](#)
 NSXMLParserSpaceRequiredError **constant** [23](#)
 NSXMLParserStandaloneValueError **constant** [24](#)
 NSXMLParserStringNotClosedError **constant** [19](#)
 NSXMLParserStringNotStartedError **constant** [19](#)
 NSXMLParserTagNameMismatchError **constant** [24](#)
 NSXMLParserUndeclaredEntityError **constant** [19](#)
 NSXMLParserUnfinishedTagError **constant** [24](#)
 NSXMLParserUnknownEncodingError **constant** [19](#)
 NSXMLParserUnparsedEntityError **constant** [19](#)
 NSXMLParserURIFragmentError **constant** [25](#)
 NSXMLParserURIRequiredError **constant** [23](#)
 NSXMLParserXMLDeclNotFinishedError **constant** [22](#)
 NSXMLParserXMLDeclNotStartedError **constant** [22](#)

P

parse **instance method** [9](#)
Parser Error Constants [14](#)
 parserError **instance method** [10](#)
 publicID **instance method** [10](#)

S

setDelegate: **instance method** [10](#)
 setShouldProcessNamespaces: **instance method** [11](#)

setShouldReportNamespacePrefixes: **instance method** [11](#)
setShouldResolveExternalEntities: **instance method** [12](#)
shouldProcessNamespaces **instance method** [12](#)
shouldReportNamespacePrefixes **instance method** [13](#)
shouldResolveExternalEntities **instance method** [13](#)
systemID **instance method** [13](#)