System.Xml.XmlException Class

```
[ILAsm]
.class public serializable XmlException extends System.SystemException

[C#]
public class XmlException: SystemException
```

Assembly Info:

- *Name:* System.Xml
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
    - CLSCompliantAttribute(true)

Summary

Represents the error that occurs when an XML document or fragment cannot be parsed.

Inherits From: System.SystemException

Library: XML

Thread Safety: All public static members of this type are safe for multithreaded operations.
No instance members are guaranteed to be thread safe.

XmlException(System.String, System.Exception) Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message, class
System.Exception innerException)

[C#]
public XmlException(string message, Exception innerException)
```

Summary

Constructs and initializes a new instance of the `System.Xml.XmlException` class.

Parameters

Parameter	Description
message	A `System.String` that describes the error. The content of *message* is intended to be understood by humans. The caller of this constructor is required to ensure that this string has been localized for the current system culture.
innerException	An instance of `System.Exception` that is the cause of the current exception. If *innerException* is not a `null` reference, the current exception was raised in a catch block handling *innerException*.

Description

This constructor initializes the `System.Xml.XmlException.Message` property of the new instance using *message* and the `System.Xml.XmlException.InnerException` property using *innerException*. If the *message* parameter is `null`, the `System.Xml.XmlException.Message` property is set to the system-supplied message provided by the constructor that takes no arguments.

The `System.Xml.XmlException.LineNumber` and `System.Xml.XmlException.LinePosition` properties are initialized to zero.

[*Note:* For more information on inner exceptions, see `System.Exception.InnerException`.]

XmlException.LineNumber Property

```
[ILAsm]
.property int32 LineNumber { public hidebysig specialname instance int32
get_LineNumber() }

[C#]
public int LineNumber { get; }
```

Summary

Gets the line number where the error occurred.

Property Value

A `System.Int32` containing the line number where the error occurred.

Description

This property is read-only.

XmlException.LinePosition Property

```
[ILAsm]
.property int32 LinePosition { public hidebysig specialname instance int32
get_LinePosition() }

[C#]
public int LinePosition { get; }
```

Summary

Gets the character position where the error occurred.

Property Value

A `System.Int32` containing the character position where the error occurred.

Description

This property is read-only.

The first character in the line is in position 1. Note that white space characters at the start of the line are not skipped.

XmlException.Message Property

```
[ILAsm]
.property string Message { public hidebysig virtual specialname string
get_Message() }

[C#]
public override string Message { get; }
```

Summary

Gets the error message that describes the current exception.

Property Value

A `System.String` containing the error message that describes the current exception.

Description

This property is read-only.

If the `System.Xml.XmlException.LineNumber` property is not equal to zero, the string
returned by this property includes the values of the
`System.Xml.XmlException.LineNumber` and `System.Xml.XmlException.LinePosition`
properties.

[*Note:* This property overrides `System.Exception.Message`.]