

System.IO.EndOfStreamException Class

```
[ILAsm]
.class public serializable EndOfStreamException extends
System.IO.IOException

[C#]
public class EndOfStreamException: IOException
```

Assembly Info:

- *Name:* mscorlib
- *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 attempt is made to read past the end of a stream.

Inherits From: System.IO.IOException

Library: BCL

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

EndOfStreamException() Constructor

```
[ILAsm]  
public rtspecialname specialname instance void .ctor()  
  
[C#]  
public EndOfStreamException()
```

Summary

Constructs and initializes a new instance of the `System.IO.EndOfStreamException` class.

Description

This constructor initializes the `System.IO.EndOfStreamException.Message` property of the new instance to a system-supplied message that describes the error, such as "Attempted to read past the end of the stream." This message takes into account the current system culture.

The `System.IO.EndOfStreamException.InnerException` property of the new instance is initialized to `null`.

EndOfStreamException(System.String)

Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message)

[C#]
public EndOfStreamException(string message)
```

Summary

Constructs and initializes a new instance of the `System.IO.EndOfStreamException` class.

Parameters

Parameter	Description
<i>message</i>	A <code>System.String</code> that describes the error. The content of <i>message</i> 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.

Description

This constructor initializes the `System.IO.EndOfStreamException.Message` property of the new instance using *message*. If *message* is null, the `System.IO.EndOfStreamException.Message` property is initialized to the system-supplied message provided by the constructor that takes no arguments.

The `System.IO.EndOfStreamException.InnerException` property of the new instance is initialized to null.

EndOfStreamException(System.String, System.Exception) Constructor

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

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

Summary

Constructs and initializes a new instance of the `System.IO.EndOfStreamException` class.

Parameters

Parameter	Description
<i>message</i>	A <code>System.String</code> that describes the error. The content of <i>message</i> 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.
<i>innerException</i>	An instance of <code>System.Exception</code> that is the cause of the current exception. If <i>innerException</i> is non-null, then the current <code>Exception</code> was raised in a catch block handling <i>innerException</i> .

Description

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

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