

# System.Xml.ReadState Enum

```
[ILAsm]
.class public sealed serializable ReadState extends System.Enum

[C#]
public enum ReadState
```

## Assembly Info:

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

## Summary

Specifies the read state of an instance of a class derived from the `System.Xml.XmlReader` class.

## Inherits From: System.Enum

**Library:** XML

## Description

When a reader is instantiated, the read state is set to `Initial`. When the `System.Xml.XmlReader.Read` method is called, the read state is changed to `Interactive`. If an error occurs during a read operation, the read state is changed to `Error`. When the end of the XML data is reached, the read state is set to `EndOfFile`. When the `System.Xml.XmlReader.Close` method is called, the read state is set to `Closed`.

## ReadState.Closed Field

```
[ILAsm]
.field public static literal valuetype System.Xml.ReadState Closed =
4

[C#]
Closed = 4
```

### Summary

The `System.Xml.XmlReader.Close` method has been called.

## ReadState.EndOfFile Field

```
[ILAsm]
.field public static literal valuetype System.Xml.ReadState
EndOfFile = 3

[C#]
EndOfFile = 3
```

### Summary

The end of the XML data has been reached.

## ReadState.Error Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.ReadState Error =  
2  
  
[C#]  
Error = 2
```

### Summary

An error occurred that prevents the read operation from continuing.

## ReadState.Initial Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.ReadState Initial  
= 0  
  
[C#]  
Initial = 0
```

### Summary

The `System.Xml.XmlReader.Read` method has not been called.

## ReadState.Interactive Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.ReadState  
Interactive = 1  
  
[C#]  
Interactive = 1
```

### Summary

The `System.Xml.XmlReader.Read` method has been called. Additional methods can now be called on the reader.