

# 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 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`.

## 1 ReadState.Closed Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Xml.ReadState Closed = 4  
  
4 [C#]  
5 Closed = 4
```

## 6 Summary

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

8

## 1 ReadState.EndOfFile Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Xml.ReadState EndOfFile = 3  
4 [C#]  
5 EndOfFile = 3
```

## 6 Summary

7 The end of the XML data has been reached.

8

## 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.

## 1 ReadState.Initial Field

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

## 6 Summary

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

8

## 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.