

System.Xml.WriteState Enum

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

[C#]
public enum WriteState
```

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 write state of an instance of a class derived from the `System.Xml.XmlWriter` class.

Inherits From: System.Enum

Library: XML

Description

When a writer is instantiated, the write state is set to `Start`. While content is written, the write state is set to reflect the type of content being written. When the `System.Xml.XmlWriter.Close` method is called, the write state is set to `Closed`. The `System.Xml.XmlWriter.WriteEndDocument` method resets the write state back to `Start`, allowing the writer to write a new XML document.

WriteState.Attribute Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.WriteState Attribute = 3  
  
[C#]  
Attribute = 3
```

Summary

An attribute value is being written.

WriteState.Closed Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.WriteState Closed = 5  
  
[C#]  
Closed = 5
```

Summary

The System.Xml.XmlWriter.Close method has been called.

WriteState.Content Field

```
[ILAsm]  
.field public static literal valuetype System.Xml.WriteState Content = 4  
  
[C#]  
Content = 4
```

Summary

Element content is being written.

WriteState.Element Field

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

Summary

An element start tag is being written.

1 WriteState.Prolog Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Xml.WriteState Prolog = 1  
4 [C#]  
5 Prolog = 1
```

6 Summary

7 The XML declaration is being written.

8

WriteState.Start Field

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

Summary

None of the writing methods have been called.

The `System.Xml.XmlWriter.WriteEndDocument` method resets the write state to this value.