

# 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]
- *Version:* 1.0.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.

# 1 WriteState.Attribute Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Xml.WriteState Attribute = 3  
  
5 [C#]  
6 Attribute = 3
```

## 7 Summary

8 An attribute value is being written.

9

## 1 WriteState.Closed Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Xml.WriteState Closed = 5  
  
5 [C#]  
6 Closed = 5
```

## 7 Summary

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

9

# 1 WriteState.Content Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Xml.WriteState Content = 4  
  
5 [C#]  
6 Content = 4
```

## 7 Summary

8 Element content is being written.

9

# 1 WriteState.Element Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Xml.WriteState Element = 2  
  
5 [C#]  
6 Element = 2
```

## 7 Summary

8 An element start tag is being written.

9

## 1 WriteState.Prolog Field

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

## 7 Summary

8 The XML declaration is being written.

9

## 1 WriteState.Start Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Xml.WriteState Start = 0  
  
5 [C#]  
6 Start = 0
```

## 7 Summary

8 None of the writing methods have been called.

9  
10 The **System.Xml.XmlWriter.WriteEndDocument** method resets the  
11 write state to this value.

12