

C-Sharp Specific Metadata Directives

The `slice2cs` compiler supports [metadata](#) directives that allow you to inject C# attribute specifications into the generated code. The metadata directive is `cs:attribute:..`. For example:

Slice

```
[ "cs:attribute:System.Serializable" ]
struct Point {
    double x;
    double y;
};
```

This results in the following code being generated for S:

C#

```
[System.Serializable]
public partial struct Point
{
    public double x;
    public double y;
    // ...
}
```

You can apply this metadata directive to any Slice construct, such as structure, operation, or parameter definitions.

You can use this directive also at global level. For example:

Slice

```
[["cs:attribute:assembly: AssemblyDescription(\"My assembly\")"]]
```

This results in the following code being inserted after any `using` directives and before any definitions:

C#

```
[assembly: AssemblyDescription("My assembly")]
```

See Also

- [Metadata](#)
- [Slice Metadata Directives](#)