

Advanced Breakpoints and Tracing



Neil Morrissey

Solutions Architect

linkedin.com/in/neilmorrissey | www.neilmorrissey.net

Module Overview



Conditional breakpoints

Tracepoints

Dependent breakpoints

System.Diagnostics.Debug

Writing to destinations using TraceListeners



System.Diagnostics.Debug and TraceListeners



debugExamples.cs

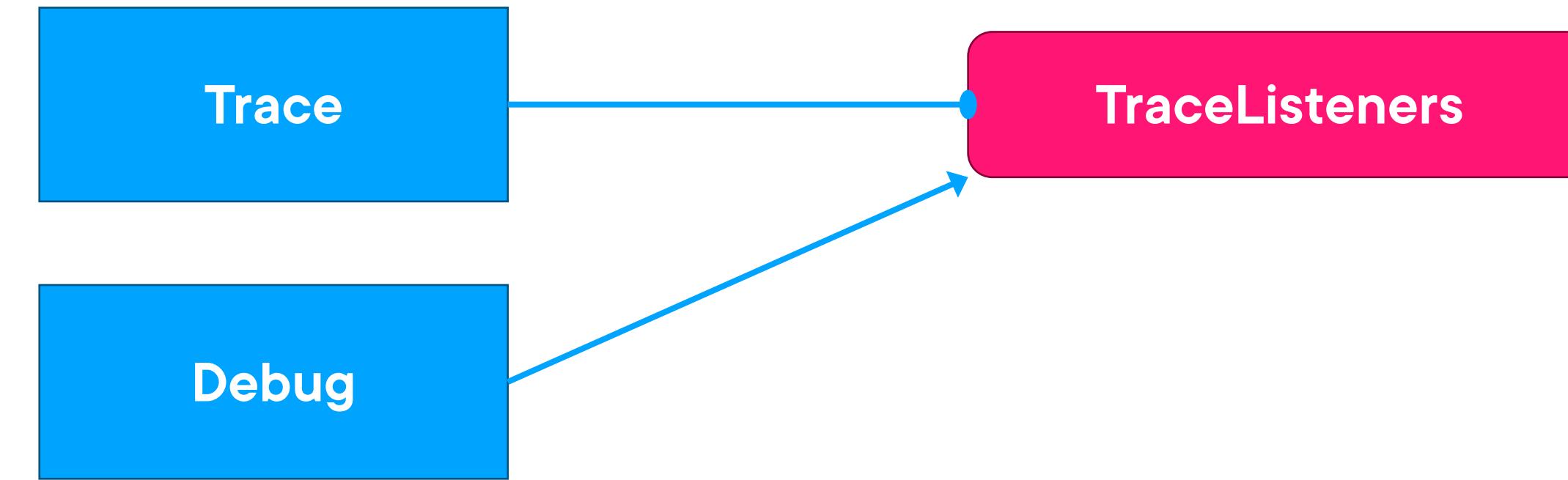
```
using System.Diagnostics;

Debug.WriteLine("Expenses for month: " + SelectedMonth);
Debug.WriteLine(" and Year: " + SelectedYear);

Debug.WriteLine("Some information message", "Information");

Debug.WriteLineIf(e.Price != adjustedPrice, "The price was adjusted.");

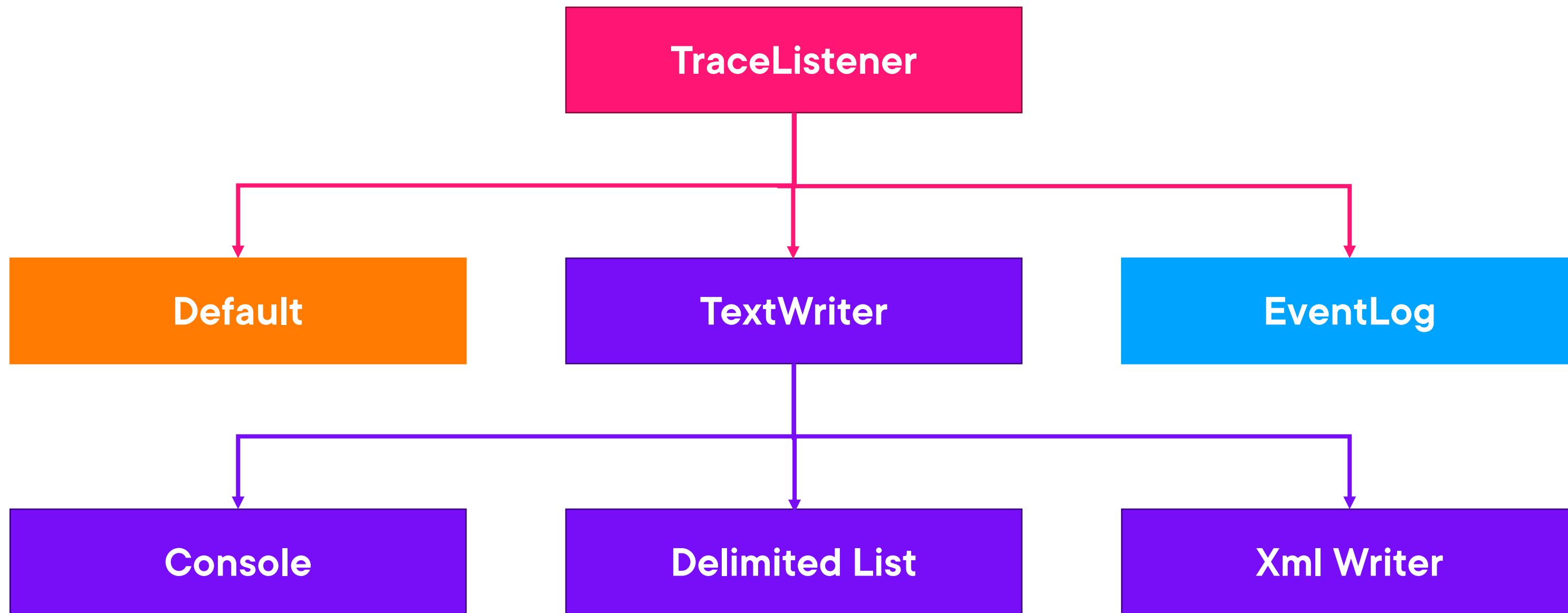
Debug.WriteLine("ID: {0} Date: {1}", e.ID, e.DateIncurred);
```



`Debug.WriteLine("Only included in debug compilation");`

`Trace.WriteLine("Included in both debug and release compilations");`





Module Summary



Advanced breakpoints
Conditional breakpoints
Tracepoints
System.Diagnostics.Debug
Tracelisteners





More information:

C# Design Patterns: Rules Engine Pattern

Steve Smith



Up Next:

Up Next:

Coding for Debugging

