# Listeners

## Listeners

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| ColoredConsoleTraceListener [EX] | Writes formatted trace events to the console in color based on the TraceEventType. |
| ConsoleTraceListener | Writes trace events to the console |
| DefaultTraceListener |  |
| DelimitedListTraceListener | Writes trace events to a file as a delimited list. |
| EventLogTraceListener | Writes trace events to the Windows Event Log |
| EventProviderTraceListener |  |
| EventSchemaTraceListener |  |
| FileLogTraceListener | Writes trace events to a file with advanced options for file rotation and output format. |
| InMemoryTraceListener [EX] |  |
| SqlTraceListener [EX] |  |
| TextWriterTraceListener | Writes trace events to a simple file. |
| WebPageTraceListener | Forwards trace events to the ASP.NET trace output. |
| XmlWriterTraceListener | Writes events in XML format, suitable for import into the Service Trace Viewer utility. |

## Base classes

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| --- | --- |
| TraceListener | Base trace listener class provided by the .NET framework. |
| TraceListenerBase [EX] | Extended trace listener designed to be subclassed with as little as a single template method override. |
| TraceFilter |  |

## Filters

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| --- | --- |
| EventTypeFilter | Filters based on the level of the TraceEventType, e.g. Warning, Error, etc. |
| SourceFilter | Filters based on the TraceSource that generated the message. |
| PropertyFilter [EX] |  |

## Extensions

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| --- | --- |
| ActivityScope [EX] | Sets the correlation ActivityId for the life of the scope object, performs a transfer, and logs activity messages. |
| LogicalOperationScope [EX] | Sets the correlation LogicalOperation stack for the life of the scope object. |
| TraceFormatter [EX] | Inserts trace information into a provided template string. Used to provide the advanced formatting for several listeners. |
| TraceConfigurationMonitor [EX] |  |