

Custom Loggers

You have several options if you wish to install a logger other than the default one:

- Select one of the other [built-in loggers](#), which allow you to log to a file, to the `syslog` on Unix, and to the Windows event log
- Supply your own logger implementation in an [InitializationData parameter](#) when you create a communicator
- Load a logger implementation dynamically via the Ice [plug-in facility](#)

Changing the `Logger` object that is attached to a communicator allows you to integrate Ice messages into your own message handling system. For example, for a complex application, you might have an existing logging framework. To integrate Ice messages into that framework, you can create your own `Logger` implementation that logs messages to the existing framework.

When you destroy a communicator, its logger is *not* destroyed. This means that you can safely use a logger even beyond the lifetime of its communicator.

See Also

- [Built-in Loggers](#)
- [Communicator Initialization](#)
- [Logger Plug-ins](#)