
GNATcoll Bindings - Syslog Documentation

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AdaCore

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Among the predefined streams, GNATColl gives access to the system logger `syslog`. This is a standard utility on all Unix systems, but is not available on other systems.

Activating support for `syslog` requires the following call in your application:

```
GNATCOLL.Traces.Syslog.Register_Syslog_Stream;
```

After the above call, trace handles can be redirected to a stream named `"syslog"`.

The package `GNATCOLL.Traces.Syslog` also contains a low-level interface to `syslog`, which, although fully functional, you should probably not use, since that would make your code system-dependent.

`syslog` itself dispatches its output based on two criteria: the `facility`, which indicates what application emitted the message, and where it should be filed, and the `level` which indicates the urgency level of the message. Both of these criteria can be specified in the `GNATCOLL.Traces` configuration file, as follows:

```
MODULE=yes >&syslog:user:error
```

The above configuration will redirect to a facility called `user`, with an urgency level `error`. See the enumeration types in `gnatcoll-traces-syslog.ads` for more information on valid facilities and levels.