

# Logging service for RCE modules

Classes `Logger` and `PtyLogger` in namespace `quarks::service` are now available from `quarks/trunk` as of revision 1086 of the repository. `PtyLogger` is still a little delicate because it assumes that your telnet session is using `/dev/pty0`. This is normally true unless you start a new session while keeping `/dev/pty0` open in your own code. The implementation may also not be thread-safe although the class code itself is reentrant.

Example logging to the telnet socket:

```
#include "quarks/service/Logger.hh"
#include "quarks/service/PtyLogger.hh"
using quarks::service::Logger;
using quarks::service::PtyLogger;

extern "C" void rce_appmain() {
    // Log to telnetd PTY, filter out severity less than Info.
    Logging::initLogging(Logger::Info, new PtyLogger());
    Logger().info("Hello");
    Logger().debug("Extra stuff"); // Filtered out.
}
```