

Package ‘ulog’

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Title Syslog-Compatible UDP/TCP Logging

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Depends R (>= 2.9.0)

Description Allows logging into a syslog or compatible service via local sockets, UDP or TCP.

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URL <https://www.rforge.net/ulog>

BugReports <https://github.com/s-u/ulog/issues>

NeedsCompilation yes

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ulog	<i>System logging functions</i>
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Description

ulog sends output to a system log or ulog daemon.

ulog.init defines where all logging will be directed to.

Usage

```
ulog(...)
```

```
ulog.init(path = NULL, application = NULL)
```

Arguments

<code>path</code>	string, path to the unix socket of the logging daemon or specification of the form either "udp://host[:port]" or "tcp://host[:port]" for a remote connection. If NULL is passed the path setting is not changed.
<code>application</code>	string, name of the application that will be reported to the system or NULL to not change that setting.
<code>...</code>	any content to send to the log service - it is used as <code>paste(..., sep="", collapse="\n")</code>

Details

ulog provides a way to perform logging without cluttering the console or stdout/stderr. It also allows multi-process and parallel logging as each log message is transmitted independently and en-bloc. Also it allow multi-user logging with access control.

Although any syslog daemon can be used, a minimalistic implementation of the daemon is included in the sources in `src/ulogd`.

Note that all logging is silent and will not fail even if the receiving side doesn't exist. This allows unconditional use of `ulog()`.

This package has been forked from Rserve which has used ulog internally.

Value

`ulog` returns the logged string invisibly

`ulog.init` returns the current logging path, thus `ulog.init()` can be used to query the current setting without changing anything.

Author(s)

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Examples

```
ulog.init("/var/run/syslogd", "R")
ulog("a message from R")
```

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* **manip**

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