

The Lire Roadmap

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Introduction

This document gives a roadmap for the development of the LogReport software, and its role. It serves as a reference point when working on the software and states the current ideas and plans of the LogReport developers.

Tasks and dates

Mid february 2002, we ship a Lire release. In march 2002, we could be ready to ship Lire 1.0. If everything works out as planned, major improvements and features are added at that time, to justify a 1.0 version. We list the tasks, roughly in order of priority and expected completion time.

add services

squid (Joost, code supplied by Joost Bekkers) service is to be added, as well as MS Proxy, in a proxy superservice. The socks support should be resurrected. The WELF convertor should be splitted in a welf_packet and welf_proxy part, since it offers two kinds of functionality. Bugs in the firewall superservice should be fixed. This superservice is not robust yet. Should be finished february 14, 2002.

reusable filters

It should be possible to reuse filters in report specifications. This makes it much easier to create and extend reports. See the December 23 mail of Francis to the LogReport Development List for details. This should be finished february 14.

developers documentation

The xml-ified backend should be properly documented, so that it's easy for developers to write their own hooks. Should be finished february 14, 2002.

build binary packages

Francis will build an RPM for RedHat, Mandrake and SuSE. Joost will build a Debian package from the February 2002 release.

merging and splitting

It should be possible to merge and split log files and reports. The data could be stored in some database backend, though this is not absolutely needed: the interface to access this data could be

build with a poor-man's backend, initially. Later we could e.g. use ODBC databases (like MySQL). Should be shipped with the 1.0 release in march. We'll try to get some of the tasks below done too, before the 1.0 release.

display

User configuration hooks should be added to tweak various display settings, the overall sexyness of the output should be improved. A first shot was made for the december 2001 release. This could go in the 1.0 release.

jade

All jade dependencies should be removed, including the dependency on jade to produce PDF output.

and even more services

We plan to create a new messagestore superservice, for POP and IMAP servers. Furthermore, LDAP log file support, and support for extra email services (iPlanet and Netscape Messaging Server) is planned.

online responder

The online responder we offer on our website should be able to produce HTML output. Addresses like `<log-html@combined.logreport.org>` should get advertised. The HTTP upload interface should be completed. Email attachment handling should get improved. Installation of a responder from tarball should be better documented and should be easier.

configuration interface

There should be a better configuration interface than the `lr_config` script we offer now. The CGI interface should get completed. A GUI interface should get added.

internationalisation

Lire should support other languages in its error messages and other output. This is a long-term task.

log file recognition

We could use tools like bison and flex, the GPL implementations of yacc and lex, to describe formally the log files, and deal with any input automatically. This is a long term (and very ambitious) task.