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  ==============

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

/*

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For the server\util_md5.c component:

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* National Center for Supercomputing Applications
* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
* 
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
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<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en">
    <head>
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

*/

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1.2 apr 1.5.1

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From strings/apr_strnatcmp.c, include/apr_strings.h:

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006

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jseward@acm.org
bzip2/libbzip2 version 1.0.2 of 30 December 2001

/*
minibz2
libbz2.dll test program.
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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
*/
1.9 curl 7.42.1

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1.10 dnsmasq 2.72

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Theodore Ts'o
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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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1.12 eventlog 0.2.12

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1.20 isc-dhcp 4.1-ESV-R14

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1.21 json-c 0.12

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1.22 json-c/test-driver 0.12
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#! /bin/sh
# test-driver - basic testsuite driver script.

scriptversion=2012-06-27.10; # UTC

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from a designated place, then offering equivalent access to copy the 
source code from the same place satisfies the requirement to 
distribute the source code, even though third parties are not 
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the 
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However, linking a "work that uses the Library" with the Library 
creates an executable that is a derivative of the Library (because it 
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file 
that is part of the Library, the object code for the work may be a 
derivative work of the Library even though the source code is not. 
Whether this is true is especially significant if the work can be 
linked without the Library, or if the work is itself a library. The 
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data 
structure layouts and accessors, and small macros and small inline 
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.25 klish 2.1.3

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1.26 kmod 20

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to
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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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b) Accompany the work with a written offer, valid for at
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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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### 1.28 libdaemon 0.14

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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.30 libevent 2.0.22

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1.31 libffi 3.1

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1.32 libpcap 1.7.2 :Feb. 12, 2015
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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modification of the work for the customer's own use and reverse
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directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
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### 1.35 libusb-compat 0.1.5

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table, the facility still operates, and performs whatever part of
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(For example, a function in a library to compute square roots has
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1.40 mtd-utils 1.5.1

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1.44 openresolv 3.9.0

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* 
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* 
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.
All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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1.57 python 2.7.9
1.57.1 Available under license:
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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1.58 python 2.7.12

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The :mod:`random` module includes code based on a download from http://www.math.keio.ac.jp/~matsumoto/MT2002/emt19937ar.html. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Sockets
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MD5 message digest algorithm
------------------------------

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at
   http://www.ietf.org/rfc/rfc1321.txt
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The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services
-------------------------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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- Arguments more compliant with python standard
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--------------------------

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test_epoll

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Select kqueue
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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CRIS Foreign Function Interface

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IA64/unix Foreign Function Interface

Original author: Hans Boehm, HP Labs

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                            *\*/
/* Random objects */

The code in this module was based on a download from:

It was modified in 2002 by Raymond Hettinger as follows:

* the principal computational lines untouched except for tabbing.

* renamed genrand_res53() to random_random() and wrapped
in python calling/return code.

M32R Foreign Function Interface

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                            *\*/
* genrand_int32() and the helper functions, init_genrand()
and init_by_array(), were declared static, wrapped in
Python calling/return code. also, their global data
references were replaced with structure references.

* unused functions from the original were deleted.
new, original C python code was added to implement the
Random() interface.

The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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http://www.math.keio.ac.jp/matumoto/emt.html
email: matumoto@math.keio.ac.jp
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#----------------------------------------------------------------------
#
# Module Name: dbShelve.py
#
# Description: A reimplementation of the standard shelve.py that
# forces the use of cPickle, and DB.
#
# Creation Date: 11/3/97 3:39:04PM
#
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# -- Gregory P. Smith <greg@krypto.org>
#
# $Id: test_dbtables.py 66088 2008-08-31 14:00:51Z jesus.cea $
# Original version written by Greg Stein (gstein@lyra.org)
# and Bill Tutt (rassilon@lima.mudlib.org)
# February 1997.

# Modifications and improvements for Python 2.0 by Jeremy Hylton and
# Mark Hammond

# Some fixes to try to have correct line number on almost all nodes
# (except Module, Discard and Stmt) added by Sylvain Thenault

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.62 readline 5.2

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1.65 sshpass 1.06

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1.68 syslog-ng 3.7.2

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/* A Bison parser, made by GNU Bison 3.0.2. */

/* Bison implementation for Yacc-like parsers in C


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/** C LALR(1) parser skeleton written by Richard Stallman, by
simplifying the original so-called "semantic" parser. */

/** All symbols defined below should begin with yy or YY, to avoid
infringing on user name space. This should be done even for local
variables, as they might otherwise be expanded by user macros.
There are some unavoidable exceptions within include files to
define necessary library symbols; they are noted "INFRINGES ON
USER NAME SPACE" below. */

/** Identify Bison output. */
#define YYBISON 1

/** Bison version. */
#define YYBISON_VERSION "3.0.2"

/** Skeleton name. */
#define YYSKELETON_NAME "yacc.c"

/** Pure parsers. */
#define YYPURE 1

/** Push parsers. */
#define YYPUSH 0

/** Pull parsers. */
#define YYPULL 1

/** Substitute the variable and function names. */
#define yyparse rewrite_expr_parse
#define yylex rewrite_expr_lex
#define yyerror rewrite_expr_error
#define yydebug rewrite_expr_debug
#define yynerrs rewrite_expr_nerrs

/** Copy the first part of user declarations. */
#line 73 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:339 */

#ifndef YY_NULLPTR
# if defined __cplusplus && 201103L <= __cplusplus
#   define YY_NULLPTR nullptr
# else
#   define YY_NULLPTR 0
#endif

/* Enabling verbose error messages. */
#ifdef YYERROR_VERBOSE
#define YYERROR_VERBOSE 1
#else
#define YYERROR_VERBOSE 1
#endif

/* In a future release of Bison, this section will be replaced
by #include "y.tab.h". */
#ifndef YY_REWRITE_EXPR_LIB_REWRITE_REWRITE_EXPR_GRAMMAR_H_INCLUDED
#define YY_REWRITE_EXPR_LIB_REWRITE_REWRITE_EXPR_GRAMMAR_H_INCLUDED
/* Debug traces. */
#ifndef YYDEBUG
#define YYDEBUG 0
#else
#define YYDEBUG 1
#endif

extern int rewrite_expr_debug;
#endif
/* "%code requires" blocks. */
#include "rewrite/rewrite-expr-parser.h"

/* Token type. */
#ifndef YYTOKENTYPE
#define YYTOKENTYPE
enum yytokentype
{
    LL_CONTEXT_ROOT = 1,
    LL_CONTEXT_DESTINATION = 2,
    LL_CONTEXT_SOURCE = 3,
    LL_CONTEXT_PARSER = 4,
    LL_CONTEXT_REWRITE = 5,
    LL_CONTEXT_FILTER = 6,
    LL_CONTEXT_LOG = 7,
    LL_CONTEXT_BLOCK_DEF = 8,
    LL_CONTEXT_BLOCK_REF = 9,
    LL_CONTEXT_BLOCK_CONTENT = 10,
    LL_CONTEXT_BLOCK_ARG = 11,
    LL_CONTEXT_PRAGMA = 12,
LL_CONTEXT_FORMAT = 13,
LL_CONTEXT_TEMPLATE_FUNC = 14,
LL_CONTEXT_INNER_DEST = 15,
LL_CONTEXT_INNER_SRC = 16,
LL_CONTEXT_CLIENT_PROTO = 17,
LL_CONTEXT_SERVER_PROTO = 18,
KW_SOURCE = 10000,
KW_FILTER = 10001,
KW_PARSER = 10002,
KW_DESTINATION = 10003,
KW_LOG = 10004,
KW_OPTIONS = 10005,
KW_INCLUDE = 10006,
KW_BLOCK = 10007,
KW_JUNCTION = 10008,
KW_CHANNEL = 10009,
KW_INTERNAL = 10010,
KW_FILE = 10011,
KW_SQL = 10030,
KW_TYPE = 10031,
KW_COLUMNS = 10032,
KW_INDEXES = 10033,
KW_VALUES = 10034,
KW_PASSWORD = 10035,
KW_DATABASE = 10036,
KW_USERNAME = 10037,
KW_TABLE = 10038,
KW_ENCODING = 10039,
KW_SESSION_STATEMENTS = 10040,
KW_DELIMITERS = 10050,
KW_QUOTES = 10051,
KWQUOTE_PAIRS = 10052,
KW_NULL = 10053,
KW_SYSLOG = 10060,
KW_MARK_FREQ = 10071,
KW_STATS_FREQ = 10072,
KW_STATS_LEVEL = 10073,
KW_STATS_LIFETIME = 10074,
KW_FLUSH_LINES = 10075,
KW_SUPPRESS = 10076,
KW_FLUSH_TIMEOUT = 10077,
KW_LOG_MSG_SIZE = 10078,
KW_FILE_TEMPLATE = 10079,
KW_PROTO_TEMPLATE = 10080,
KW_MARK_MODE = 10081,
KW_CHAIN_HOSTNAMES = 10090,
KW_NORMALIZE_HOSTNAMES = 10091,
KW_KEEP_HOSTNAME = 10092,
KW_CHECK_HOSTNAME = 10093,
KW_BAD_HOSTNAME = 10094,
KW_KEEP_TIMESTAMP = 10100,
KW_USE_DNS = 10110,
KW_USE_FQDN = 10111,
KW_CUSTOM_DOMAIN = 10112,
KW_DNS_CACHE = 10120,
KW_DNS_CACHE_SIZE = 10121,
KW_DNS_CACHE_EXPIRE = 10130,
KW_DNS_CACHE_EXPIRE_FAILED = 10131,
KW_DNS_CACHE_HOSTS = 10132,
KW_PERSIST_ONLY = 10140,
KW_USE_RCPTID = 10141,
KW_TZ_CONVERT = 10150,
KW_TS_FORMAT = 10151,
KW_FRAC_DIGITS = 10152,
KW_LOG_FIFO_SIZE = 10160,
KW_LOG_FETCH_LIMIT = 10162,
KW_LOG_IW_SIZE = 10163,
KW_LOG_PREFIX = 10164,
KW_PROGRAM_OVERRIDE = 10165,
KW_HOST_OVERRIDE = 10166,
KW_THROTTLE = 10170,
KW_THREADED = 10171,
KW_FLAGS = 10190,
KW_PAD_SIZE = 10200,
KW_TIME_ZONE = 10201,
KW_RECV_TIME_ZONE = 10202,
KW_SEND_TIME_ZONE = 10203,
KW_LOCAL_TIME_ZONE = 10204,
KW_FORMAT = 10205,
KW_TIME_REOPEN = 10210,
KW_TIME_REAP = 10211,
KW_TIME_SLEEP = 10212,
KW_TMPL_ESCAPE = 10220,
KW_OPTIONAL = 10230,
KW_CREATE_DIRS = 10240,
KW_OWNER = 10250,
KW_GROUP = 10251,
KW_PERM = 10252,
KW_DIR_OWNER = 10260,
KW_DIR_GROUP = 10261,
KW_DIR_PERM = 10262,
KW_TEMPLATE = 10270,
KW_TEMPLATE_ESCAPE = 10271,
KW_DEFAULT_FACILITY = 10300,
KW_DEFAULT_LEVEL = 10301,
KW_PORT = 10323,
KW_USE_TIME_RECVD = 10340,
KW_FACILITY = 10350,
KW_LEVEL = 10351,
KW_HOST = 10352,
KW_MATCH = 10353,
KW_MESSAGE = 10354,
KW_NETMASK = 10355,
KW_TAGS = 10356,
KW_VALUE = 10361,
KW_REWRITE = 10370,
KW_SET = 10371,
KW_SUBST = 10372,
KW_YES = 10380,
KW_NO = 10381,
KW_IFDEF = 10410,
KW_ENDIF = 10411,
LL_DOTDOT = 10420,
LL_IDENTIFIER = 10421,
LL_NUMBER = 10422,
LL_FLOAT = 10423,
LL_STRING = 10424,
LL_TOKEN = 10425,
LL_BLOCK = 10426,
LL_PRAGMA = 10427,
LL_EOL = 10428,
LL_ERROR = 10429,
KW_VALUE_PAIRS = 10500,
KW_SELECT = 10501,
KW_EXCLUDE = 10502,
KW_PAIR = 10503,
KW_KEY = 10504,
KW_SCOPE = 10505,
KW_SHIFT = 10506,
KW_REKEY = 10507,
KW_ADD_PREFIX = 10508,
KW_REPLACE_PREFIX = 10509,
KW_ON_ERROR = 10510,
KW_RETRIES = 10511,
KW_CONDITION = 10513,
KW_SET_TAG = 10514,
KW_CLEAR_TAG = 10515,
KW_GROUP_SET = 10516
};
#endif

/* Tokens. */
#define LL_CONTEXT_ROOT 1
#define LL_CONTEXT_DESTINATION 2
#define LL_CONTEXT_SOURCE 3
#define LL_CONTEXT_PARSER 4
#define LL_CONTEXT_REWRITE 5
#define LL_CONTEXT_FILTER 6
#define LL_CONTEXT_LOG 7
#define LL_CONTEXT_BLOCK_DEF 8
#define LL_CONTEXT_BLOCK_REF 9
#define LL_CONTEXT_BLOCK_CONTENT 10
#define LL_CONTEXT_BLOCK_ARG 11
#define LL_CONTEXT_PRAGMA 12
#define LL_CONTEXT_FORMAT 13
#define LL_CONTEXT_TEMPLATE_FUNC 14
#define LL_CONTEXT_INNER_DEST 15
#define LL_CONTEXT_INNER_SRC 16
#define LL_CONTEXT_CLIENT_PROTO 17
#define LL_CONTEXT_SERVER_PROTO 18
#define KW_SOURCE 10000
#define KW_FILTER 10001
#define KW_PARSER 10002
#define KW_DESTINATION 10003
#define KW_LOG 10004
#define KW_OPTIONS 10005
#define KW_INCLUDE 10006
#define KW_BLOCK 10007
#define KW_JUNCTION 10008
#define KW_CHANNEL 10009
#define KW_INTERNAL 10010
#define KW_FILE 10011
#define KW_SQL 10030
#define KW_TYPE 10031
#define KW_COLUMNS 10032
#define KW_INDEXES 10033
#define KW_VALUES 10034
#define KW_PASSWORD 10035
#define KW_DATABASE 10036
#define KW_USERNAME 10037
#define KW_TABLE 10038
#define KW_ENCODING 10039
#define KW_SESSION_STATEMENTS 10040
#define KW_DELIMITERS 10050
#define KW_QUOTES 10051
#define KW_QUOTE_PAIRS 10052
#define KW_NULL 10053
#define KW_SYSLOG 10060
#define KW_MARK_FREQ 10071
#define KW_STATS_FREQ 10072
#define KW_STATS_LEVEL 10073
#define KW_STATS_LIFETIME 10074
#define KW_FLUSH_LINES 10075
#define KW_SUPPRESS 10076
#define KW_FLUSH_TIMEOUT 10077
#define KW_LOG_MSG_SIZE 10078
#define KW_FILE_TEMPLATE 10079
#define KW_PROTO_TEMPLATE 10080
#define KW_MARK_MODE 10081
#define KW_CHAIN_HOSTNAMES 10090
#define KW_NORMALIZE_HOSTNAMES 10091
#define KW_KEEP_HOSTNAME 10092
#define KW_CHECK_HOSTNAME 10093
#define KW_BAD_HOSTNAME 10094
#define KW_KEEP_TIMESTAMP 10100
#define KW_USE_DNS 10110
#define KW_USE_FQDN 10111
#define KW_CUSTOM_DOMAIN 10112
#define KW_DNS_CACHE 10120
#define KW_DNS_CACHE_SIZE 10121
#define KW_DNS_CACHE_EXPIRE 10130
#define KW_DNS_CACHE_EXPIRE_FAILED 10131
#define KW_DNS_CACHE_HOSTS 10132
#define KW_PERSIST_ONLY 10140
#define KW_USE_RCPTID 10141
#define KW_TZ_CONVERT 10150
#define KW_TS_FORMAT 10151
#define KW_FRAC_DIGITS 10152
#define KW_LOG_FIFO_SIZE 10160
#define KW_LOG_FETCH_LIMIT 10162
#define KW_LOG_IW_SIZE 10163
#define KW_LOG_PREFIX 10164
#define KW_PROGRAM_OVERRIDE 10165
#define KW_HOST_OVERRIDE 10166
#define KW_THROTTLE 10170
#define KW_THREADED 10171
#define KW_FLAGS 10190
#define KW_PAD_SIZE 10200
#define KW_TIME_ZONE 10201
#define KW_RECV_TIME_ZONE 10202
#define KW_SEND_TIME_ZONE 10203
#define KW_LOCAL_TIME_ZONE 10204
#define KW_FORMAT 10205
#define KW_TIME_REOPEN 10210
#define KW_TIME_REAP 10211
#define KW_TIME_SLEEP 10212
#define KW_TMPL_ESCAPE 10220
#define KW_OPTIONAL 10230
#define KW_CREATE_DIRS 10240
#define KW_OWNER 10250
#define KW_GROUP 10251
#define KW_PERM 10252
#define KW_DIR_OWNER 10260
#define KW_DIR_GROUP 10261
#define KW_DIR_PERM 10262
#define KW_TEMPLATE 10270
#define KW_TEMPLATE_ESCAPE 10271
#define KW_DEFAULT_FACILITY 10300
#define KW_DEFAULT_LEVEL 10301
#define KW_PORT 10323
#define KW_USE_TIME_RECV 10340
#define KW_FACILITY 10350
#define KW_LEVEL 10351
#define KW_HOST 10352
#define KW_MATCH 10353
#define KW_MESSAGE 10354
#define KW_NETMASK 10355
#define KW_TAGS 10356
#define KW_VALUE 10361
#define KW_REWRITE 10370
#define KW_SET 10371
#define KW_SUBST 10372
#define KW_YES 10380
#define KW_NO 10381
#define KW_IFDEF 10410
#define KW_ENDIF 10411
#define LL_DOTDOT 10420
#define LL_IDENTIFIER 10421
#define LL_NUMBER 10422
#define LL_FLOAT 10423
#define LL_STRING 10424
#define LL_TOKEN 10425
#define LL_BLOCK 10426
#define LL_PRAGMA 10427
#define LL_EOL 10428
#define LL_ERROR 10429
#define KW_VALUE_PAIRS 10500
#define KW_SELECT 10501
#define KW_EXCLUDE 10502
#define KW_PAIR 10503
#define KW_KEY 10504
#define KW_SCOPE 10505
#define KW_SHIFT 10506
#define KW_REKEY 10507
#define KW_ADD_PREFIX 10508
#define KW_REPLACE_PREFIX 10509
#define KW_ON_ERROR 10510
#define KW_RETRIES 10511
#define KW_CONDITION 10513
#define KW_SET_TAG 10514
#define KW_CLEAR_TAG 10515
#define KW_GROUP_SET 10516

/* Value type. */

/* Location type. */
#if ! defined YYLTYPE && ! defined YYLTYPE_IS_DECLARED
typedef struct YYLTYPE YYLTYPE;
struct YYLTYPE
{
    int first_line;
    int first_column;
    int last_line;
    int last_column;
};
#define YYLTYPE_IS_DECLARED 1
#define YYLTYPE_IS_TRIVIAL 1
#endif

int rewrite_expr_parse (CfgLexer *lexer, LogExprNode **result, gpointer arg);
#endif /* !YY_REWRITE_EXPR_LIB_REWRITE_REWRITE_EXPR_GRAMMAR_H_INCLUDED  */

/* Copy the second part of user declarations. */

#include "rewrite/rewrite-expr-grammar.h"
#include "rewrite/rewrite-set-tag.h"
#include "rewrite/rewrite-set.h"
#include "rewrite/rewrite-subst.h"
#include "rewrite/rewrite-groupset.h"
#include "filter/filter-expr.h"
#include "filter/filter-expr-parser.h"
#include "cfg-grammar.h"
#include "syslog-names.h"
#include "plugin.h"
#include <string.h>

LogRewrite *last_rewrite;
```c
#define YYLLOC_DEFAULT(Current, Rhs, N)    
    do {                                      
        if (N)                                 
            {                                 
                (Current).level = YYRHSLOC(Rhs, 1).level;  
                (Current).first_line = YYRHSLOC (Rhs, 1).first_line;  
                (Current).first_column = YYRHSLOC (Rhs, 1).first_column;  
                (Current).last_line = YYRHSLOC (Rhs, N).last_line;  
                (Current).last_column = YYRHSLOC (Rhs, N).last_column;  
            }                                  
        else                                      
            {                                 
                (Current).level = YYRHSLOC(Rhs, 0).level;  
                (Current).first_line = (Current).last_line =     
                    YYRHSLOC (Rhs, 0).last_line;  
                (Current).first_column = (Current).last_column =     
                    YYRHSLOC (Rhs, 0).last_column;  
            }                                  
    } while (0)

#define CHECK_ERRORWITHOUTMESSAGE(val, token) do {        
    if (!(val))                                         
        {                                             
            YYERROR;                                    
        }                                             
} while (0)

#define CHECK_ERROR(val, token, errorfmt, ...) do {        
    if (!(val))                                         
        {                                             
            if (errorfmt)                              
                {                                     
                    gchar __buf[256];                   
                    g_snprintf(__buf, sizeof(__buf), errorfmt, ## __VA_ARGS__);  
                    yyerror(& (token), lexer, NULL, NULL, __buf);               
                }                                     
                YYERROR;                                
        }                                              
} while (0)

#define CHECK_ERRORGERRORError(val, token, error, errorfmt, ...) do {    
    if (!(val))                                         
        {                                             
            if (errorfmt)                              
                {                                     
                }                                     
        }                                              
} while (0)
```
gchar __buf[256];
\
g_snprintf(__buf, sizeof(__buf), errorfmt ", error=%s", ## __VA_ARGS__, error->message);
\nyyerror(& (token), lexer, NULL, NULL, __buf);
\}
\g_clear_error(&error);
\YYERROR;
\}
\while (0)

#define YYMAXDEPTH 20000

#line 525 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:359 */

#ifdef short
# undef short
#ifend

#ifdef YYTYPE_UINT8
typedef YYTYPE_UINT8 yytype_uint8;
#else
typedef unsigned char yytype_uint8;
#ifend

#ifdef YYTYPE_INT8
typedef YYTYPE_INT8 yytype_int8;
#else
typedef signed char yytype_int8;
#ifend

#ifdef YYTYPE_UINT16
typedef YYTYPE_UINT16 yytype_uint16;
#else
typedef unsigned short int yytype_uint16;
#ifend

#ifdef YYTYPE_INT16
typedef YYTYPE_INT16 yytype_int16;
#else
typedef short int yytype_int16;
#ifend

#ifndef YYSIZE_T
# ifdef __SIZE_TYPE__
#  define YYSIZE_T __SIZE_TYPE__
# elif defined size_t
#  define YYSIZE_T size_t
#endif

#define YYSIZE_T size_t
# define YYSIZE_MAXIMUM ((YYSIZE_T) -1)

#ifndef YY_
# if defined YYENABLE_NLS && YYENABLE_NLS
# if ENABLE_NLS
#   include <libintl.h> /* INFRINGES ON USER NAME SPACE */
#   define YY_(msgid) dgettext ("bison-runtime", Msgid)
# endif
#else
#  define YY_(msgid) Msgid
#endif
#endif

#ifndef YY_ATTRIBUTE
# if (defined __GNUC__
   && (2 < __GNUC__ || (__GNUC__ == 2 && 96 <= __GNUC_MINOR__))
   || defined __SUNPRO_C && 0x5110 <= __SUNPRO_C
# define YY_ATTRIBUTE(Spec) __attribute__(Spec) __attribute__((Spec))
#else
#  define YY_ATTRIBUTE(Spec) /* empty */
#endif
#endif

#ifndef YY_ATTRIBUTE_PURE
# define YY_ATTRIBUTE_PURE YY_ATTRIBUTE ((__pure__))
#endif

#ifndef YY_ATTRIBUTE_UNUSED
# define YY_ATTRIBUTE_UNUSED YY_ATTRIBUTE ((__unused__))
#endif

#if !defined _Noreturn
# if defined _MSC_VER && 1200 <= _MSC_VER
#  define _Noreturn __declspec (noreturn)
#else
#  define _Noreturn YY_ATTRIBUTE ((__noreturn__))
#endif
#endif
/* Suppress unused-variable warnings by "using" E. */
#if ! defined lint || defined __GNUC__
#define YYUSE(E) ((void) (E))
#else
#define YYUSE(E) /* empty */
#endif

#if defined __GNUC__ && 407 <= __GNUC__ * 100 + __GNUC_MINOR__
/* Suppress an incorrect diagnostic about yylval being uninitialized. */
#define YY_INITIAL_VALUE(Value) Value
#else
#define YY_INITIAL_VALUE(Value) /* Nothing. */
#endif

#if ! defined yyoverflow || YYERROR_VERBOSE
/* The parser invokes alloca or malloc; define the necessary symbols. */
#if defined __GNUC__
#define YYSTACK_ALLOC __builtin_alloca
#elif defined __BUILTIN_VA_ARG_INCR
#include <alloca.h> /* INFRINGES ON USER NAME SPACE */
#elif defined _AIX
#define YYSTACK_ALLOC __alloca
#elif defined _MSC_VER
#include <malloc.h> /* INFRINGES ON USER NAME SPACE */
#else
#define YYSTACK_ALLOC alloca
#endif
#if ! defined _ALLOCA_H && ! defined EXIT_SUCCESS
#include <stdlib.h> /* INFRINGES ON USER NAME SPACE */
#endif
#endif

/* Use EXIT_SUCCESS as a witness for stdlib.h. */
# ifndef EXIT_SUCCESS
#  define EXIT_SUCCESS 0
# endif
# endif
# endif
# endif
# ifndef YYSTACK_ALLOC
/* Pacify GCC's 'empty if-body' warning. */
# define YYSTACK_ALLOC_FREE(Ptr) do { /* empty */; } while (0)
# ifdef YYSTACK_ALLOC_MAXIMUM
/* The OS might guarantee only one guard page at the bottom of the stack,
and a page size can be as small as 4096 bytes. So we cannot safely
invoke alloca (N) if N exceeds 4096. Use a slightly smaller number
to allow for a few compiler-allocated temporary stack slots. */
# define YYSTACK_ALLOC_MAXIMUM 4032 /* reasonable circa 2006 */
# endif
# else
#  define YYSTACK_ALLOC YYMALLOC
#  define YYSTACK_FREE YYFREE
#  ifndef YYSTACK_ALLOC_MAXIMUM
#   define YYSTACK_ALLOC_MAXIMUM YYSIZE_MAXIMUM
#  endif
#  if (defined __cplusplus && !defined EXIT_SUCCESS

   && ! ((defined YYMALLOC || defined malloc) 

   && (defined YYFREE || defined free)))
# include <stdlib.h> /* INFRINGES ON USER NAME SPACE */
# ifndef EXIT_SUCCESS
#  define EXIT_SUCCESS 0
# endif
# endif
# ifndef YYMALLOC
#  define YYMALLOC malloc
#  if !defined malloc && !defined EXIT_SUCCESS
void *malloc (YYSIZE_T); /* INFRINGES ON USER NAME SPACE */
# endif
# endif
# ifndef YYFREE
#  define YYFREE free
#  if !defined free && !defined EXIT_SUCCESS
void free (void *); /* INFRINGES ON USER NAME SPACE */
# endif
# endif
# endif /* ! defined yyoverflow || YYERROR_VERBOSE */
/* A type that is properly aligned for any stack member. */
union yyalloc
{
  yytype_int16 yyss_alloc;
  YYSTYPE yyvs_alloc;
  YYLTYPE yyls_alloc;
};

/* The size of the maximum gap between one aligned stack and the next. */
#define YYSTACK_GAP_MAXIMUM (sizeof (union yyalloc) - 1)

/* The size of an array large to enough to hold all stacks, each with */
/* N elements. */
#define YYSTACK_BYTES(N) 
  ((N) * (sizeof (yytype_int16) + sizeof (YYSTYPE) + sizeof (YYLTYPE)) 
   + 2 * YYSTACK_GAP_MAXIMUM)

#define YYCOPY_NEEDED 1

/* Relocate STACK from its old location to the new one. The
local variables YYSIZE and YYSTACKSIZE give the old and new number of
elements in the stack, and YYPTR gives the new location of the
stack. Advance YYPTR to a properly aligned location for the next
stack. */
#define YYSTACK_RELOCATE(Stack_alloc, Stack) 
  do 
  { 
    YYSIZE_T yynewbytes;
    YYCOPY (&yyptr->Stack_alloc, Stack, yysize); 
    Stack = &yyptr->Stack_alloc;
    yynewbytes = yystacksize * sizeof (*Stack) + YYSTACK_GAP_MAXIMUM; 
    yyptr += yynewbytes / sizeof (*yyptr); 
  } 
  while (0)

#endif

#if defined YYCOPY_NEEDED && YYCOPY_NEEDED
/* Copy COUNT objects from SRC to DST. The source and destination do
not overlap. */
#ifndef YYCOPY
#if defined __GNUC__ && 1 < __GNUC__
#define YYCOPY(Dst, Src, Count) 
  ((void *)((char *) (Dst) + (Count) * (sizeof ((char *) 0))) - (void *)((char *) (Src)) + (Count) * (sizeof ((char *) 0)))
#endif
#endif
#endif

if defined YYCOPY_NEEDED && YYCOPY_NEEDED
/* Copy COUNT objects from SRC to DST. The source and destination do
not overlap. */
#ifndef YYCOPY
#if defined __GNUC__ && 1 < __GNUC__
#define YYCOPY(Dst, Src, Count) 
  ((void *)((char *) (Dst) + (Count) * (sizeof ((char *) 0))) - (void *)((char *) (Src)) + (Count) * (sizeof ((char *) 0)))
#endif
#endif
#endif
# define YYCOPY(Dst, Src, Count) \
  do \ 
    YYSIZE_T yyi; \ 
    for (yyi = 0; yyi < (Count); yyi++) \ 
      (Dst)[yyi] = (Src)[yyi]; \ 
  while (0)

#define YYFINAL  18
#define YYLAST   205
#define YYNTOKENS  159
#define YYNNTS  57
#define YYNRULES  110
#define YYNSTATES  232

#define YYUNDEFTOK  2
#define YYMAXUTOK   10516

#define YYTRANSLATE(YYX) \
  ((unsigned int) (YYX) <= YYMAXUTOK ? yytranslate[YYX] : YYUNDEFTOK)

static const yytype_uint8 yytranslate[] =
{
  0,  3,  4,  5,  6,  7,  8,  9, 10, 11,
  12, 13, 14, 15, 16, 17, 18, 19, 20, 2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  153, 154,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  158, 157,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
  2,  2,  2,  2,  2,  2,  2,  2,  2,  2,
}
Open Source Used In Matia 2.0.20
79, 2, 80, 81, 82, 83, 84, 2, 2, 2,
85, 86, 2, 2, 2, 2, 2, 2, 2, 2,
87, 2, 2, 2, 2, 2, 2, 2, 2, 2,
88, 89, 90, 91, 92, 93, 2, 2, 2, 2,
94, 95, 96, 2, 2, 2, 2, 2, 2, 2,
97, 2, 2, 2, 2, 2, 2, 2, 2, 2,
98, 2, 2, 2, 2, 2, 2, 2, 2, 2,
99, 2, 2, 2, 2, 2, 2, 2, 2, 2,
100, 101, 102, 2, 2, 2, 2, 2, 2,
103, 104, 105, 2, 2, 2, 2, 2, 2,
106, 107, 2, 2, 2, 2, 2, 2, 2,
108, 109, 2, 2, 2, 2, 2, 2, 2,
110, 2, 2, 2, 2, 2, 2, 2, 2,
111, 2, 2, 2, 2, 2, 2, 2, 2,
112, 113, 114, 115, 116, 117, 118, 2, 2, 2,
119, 2, 2, 2, 2, 2, 2, 2, 2,
120, 121, 122, 2, 2, 2, 2, 2, 2,
123, 124, 2, 2, 2, 2, 2, 2, 2,
125, 126, 2, 2, 2, 2, 2, 2,
127, 128, 129, 130, 131, 132, 133, 134, 135, 136,
137, 138, 139, 140, 141, 142, 143, 144, 145, 146,
147, 148, 2, 149, 150, 151, 152
};

#if YYDEBUG
/* YYRLINE[YYN] -- Source line where rule number YYN was defined. */
static const yytype_uint16 yyrline[] =
{0, 387, 387, 392, 393, 397, 409, 408, 421,
 420, 426, 427, 429, 428, 435, 454, 455, 459, 463,
 467, 468, 472, 472, 473, 477, 478, 482, 497, 502,
 501, 514, 516, 514, 523, 524, 525, 529, 530, 534,
 553, 557, 557, 565, 566, 570, 575, 586, 596, 605,
 607, 605, 616, 617, 618, 622, 626, 645, 646, 650,
#if YYDEBUG || YYERROR_VERBOSE || 1
/* YYTNAME[SYMBOL-NUM] -- String name of the symbol SYMBOL-NUM.  
   First, the terminals, then, starting at YYNTOKENS, nonterminals. */
static const char *const yytname[] =
{
    "Send", "error", "$undefined", "LL_CONTEXT_ROOT", 
    "LL_CONTEXT_DESTINATION", "LL_CONTEXT_SOURCE", "LL_CONTEXT_PARSER", 
    "LL_CONTEXT_REWRITE", "LL_CONTEXT_FILTER", "LL_CONTEXT_LOG", 
    "LL_CONTEXT_BLOCK_DEF", "LL_CONTEXT_BLOCK_REF", 
    "LL_CONTEXT_BLOCK_CONTENT", "LL_CONTEXT_BLOCK_ARG", "LL_CONTEXT_PRAGMA", 
    "LL_CONTEXT_FORMAT", "LL_CONTEXT_TEMPLATE_FUNC", "LL_CONTEXT.Inner_DEST", 
    "LL_CONTEXT.Inner_SRC", "LL_CONTEXT.CLIENT_PROTO", 
    "LL_CONTEXT.SERVER_PROTO", "KW_SOURCE", "KW_FILTER", "KW_PARSER", 
    "KW_DESTINATION", "KW_LOG", "KW_OPTIONS", "KWINCLUDE", "KW_BLOCK", 
    "KW_JUNCTION", "KW_INTERNAL", "KW_FILE", "KW_SQL", 
    "KW_TYPE", "KW_COLUMNS", "KW_INDEXES", "KW_VALUES", "KW_PASSWORD", 
    "KW_DATABASE", "KW_USERNAME", "KW_TABLE", "KW_ENCODING", 
    "KW_SESSION_STATEMENTS", "KW_DELIMITERS", "KW_QUOTES", "KW_QUOTE_PAIRS", 
    "KW_NULL", "KW_SYSLOG", "KW_MARK_FREQ", "KW/stats_FREQ", 
    "KW/stats_LEVEL", "KW/stats_LIFETIME", "KW_FLUSH_LINES", "KW_SUPPRESS", 
    "KW_FLUSH_TIMEOUT", "KW_LOG_MSG_SIZE", "KW_FILE TEMPLATE", 
    "KW_PROTO TEMPLATE", "KW_MARK_MODE", "KW_CHAIN_HOSTNAMES", 
    "KW_NORMALIZE_HOSTNAMES", "KW_KEEP_HOSTNAME", "KW_CHECK_HOSTNAME", 
    "KW_BAD_HOSTNAME", "KW_KEEP_TIMESTAMP", "KW_USE_DNS", "KW_USE_FQDN", 
    "KW_CUSTOM_DOMAIN", "KW_DNS_CACHE", "KW_DNS_CACHE_SIZE", 
    "KW_DNS_CACHE_EXPIRE", "KW_DNS_CACHE_EXPIRE_FAILED", 
    "KW_DNS CACHE HOSTS", "KW_PERSIST_ONLY", "KW_USE_RCPTID", 
    "KW_TZ_CONVERT", "KW_TS_FORMAT", "KW_FRAC_DIGITS", "KW_LOG_FIFO_SIZE", 
    "KW_LOG_FETCH_LIMIT", "KW_LOG_IW_SIZE", "KW_LOG_PREFIX", 
    "KW_PROGRAM_OVERRIDE", "KW_HOST_OVERRIDE", "KW_THROTTLE", "KW_THREADED", 
    "KW_FLAGS", "KW_PAD_SIZE", "KW_TIME_ZONE", "KW_RECV_TIME_ZONE", 
    "KW_SEND_TIME_ZONE", "KW_LOCAL_TIME_ZONE", "KW_FORMAT", "KW_TIME_REOPEN", 
    "KW_TIME_READ", "KW_TIME_SLEEP", "KW_TMPL_ESCAPE", "KW_OPTIONAL", 
    "KW_CREATE_DIRS", "KW_OWNER", "KW_GROUP", "KW_PERM", "KW_DIR_OWNER", 
    "KW_DIR_GROUP", "KW_DIR_PERM", "KW_TEMPLATE", "KW TEMPLATE ESCAPE", 
    "KW_DEFAULT FACILITY", "KW_DEFAULT_LEVEL", "KW PORT", 
    "KW_USE_TIME_RECV", "KW_FACILITY", "KW_LEVEL", "KW_HOST", "KW_MATCH", 
    "KW_MESSAGE", "KW_NETMAK", "KW_TAGS", "KW_VALUE", "KW_REWRITE", 
    "KW_SET", "KW_SUBST", "KW_YES", "KW_NO", "KW_IFDEF", "KW_ENDIF", 
};
#endif

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"LL_DOTDOT", "LL_IDENTIFIER", "LL_NUMBER", "LL_FLOAT", "LL_STRING",
"LL_TOKEN", "LL_BLOCK", "LL_PRAGMA", "LL_EOL", "LL_ERROR",
"KW_VALUE_PAIRS", "KW_SELECT", "KW_EXCLUDE", "KW_PAIR", "KW_KEY",
"KW_SCOPE", "KW_SHIFT", "KW_REKEY", "KW_ADD_PREFIX", "KW_REPLACE_PREFIX",
"KW_ON_ERROR", "KW_RETRIES", "KW_CONDITION", "KW_SET_TAG",
"KW_CLEAR_TAG", "KW_GROUP_SET", "("", ")", "{"", "}"", ";", ":\",
"$accept", "start", "rewrite_expr_list", "rewrite_template_content",
"rewrite_expr", "$@1", "$@2", "$@3", "rewrite_groupset_opts",
"rewrite_groupset_opt", "rewrite_subst_opts", "rewrite_subst_opt", "$@4",
"rewrite_expr_opts", "rewrite_expr_opt", "rewrite_condition_opt", "$@5",
"source_content", "$@6", "$@7", "source_items", "source_item",
"source_plugin", "source_afinter", "source_afinter_params", "$@8",
"source_afinter_options", "source_afinter_option", "filter_content",
"parser_content", "rewrite_content", "dest_content", "$@9", "$@10",
"dest_items", "dest_item", "dest_plugin", "log_items", "log_item",
"log_junction", "log_last_junction", "log_forks", "log_fork",
"log_content", "log_flags", "log_flags_items", "string", "yesno",
"dnsmode", "string_list", "string_list_build", "semsolons",
"source_option", "$@12", "host_resolve_option", "matcher_option",
"matcher_flags", YY_NULLPTR
};
#endif

#define YYPACT_NINF -106

/* YYTOKNUM[NUM] -- (External) token number corresponding to the
 (internal) symbol number NUM (which must be that of a token). */
static const yytype_uint16 yytoknum[] =
{ 0,  256, 10512,  1,   2,   3,   4,   5,   6,   7,
   8,   9,  10,  11,  12,  13,  14,  15,  16,  17,
  18,  10000, 10001, 10002, 10003, 10004, 10005, 10006, 10007, 10008,
 10009, 10010, 10011, 10030, 10031, 10032, 10033, 10034, 10035, 10036,
 10037, 10038, 10039, 10040, 10050, 10051, 10052, 10053, 10060, 10071,
 10072, 10073, 10074, 10075, 10076, 10077, 10078, 10079, 10080, 10081,
 10090, 10091, 10092, 10093, 10094, 10100, 10110, 10111, 10112, 10120,
 10121, 10130, 10131, 10132, 10140, 10141, 10150, 10151, 10152, 10160,
 10162, 10163, 10164, 10165, 10166, 10170, 10171, 10190, 10200, 10201,
 10202, 10203, 10204, 10205, 10210, 10211, 10212, 10220, 10230, 10240,
 10250, 10251, 10252, 10260, 10261, 10262, 10270, 10271, 10300, 10301,
 10323, 10340, 10350, 10351, 10352, 10353, 10354, 10355, 10356, 10361,
 10370, 10371, 10372, 10380, 10381, 10410, 10411, 10420, 10421, 10422,
 10423, 10424, 10425, 10426, 10427, 10428, 10429, 10500, 10501, 10502,
 10503, 10504, 10505, 10506, 10507, 10508, 10509, 10510, 10511, 10512,
 10513, 10514, 10515, 10516,  40,  41,  123,  125,  59,  58
};
#endif

#define YYPACT_NINF -106
#define yypact_value_is_default(Yystate) 
(!((Yystate) == (-106)))

#define YYTABLE_NINF -45

#define yytable_value_is_error(Yytable_value) 
0

/* YYPACT[STATE-NUM] -- Index in YYTABLE of the portion describing 
STATE-NUM. */
static const yytype_int8 yypact[] =
{
  -15,   -87,   -73,   -65,  -106,   -59,   -58,    -57,    97,    17,
  -54,   -54,    17,   -75,  -106,  -106,   -75,   -106,   -55,
  -51,  -106,  -106,   -75,   -15,   -15,   -47,  -106,  -106,
  -106,  -106,   -75,   -49,   -44,  -106,    -6,    -6,    17,  -106,
  -106,  -106,   -97,  -106,  -106,  -106,  -106,   -34,  -104,   -89,
   -70,   -69,   -66,    17,   -54,  -106,   -35,   -32,  -106,   -52,
  -41,    -29,   -97,  -106,   -82,   -31,   -25,  -106,   -75,
  -106,  -75,  -106,   -75,  -106,   -75,  -106,  -106,  -106,
  -106,  -106,   -75,   -75,  -106,  -106,  -106,  -106,   -97,
  -106,  -106,  -106,   -47,   -44,   -6,    -6,   -12,  -106,
  -106,  -75,  -106,   -75,   -75,  -106,   -75,  -106,  -106,
  -106,  -106,   -75,    93,   106,  -106,   -75,   -75,  -106,
  -106,  -106,   -75,   -75,
  -106,  -106,   -75,   -75,    93,   106,   -75,   -75,  -106,
  -106,  -106,   -75,    93,   106,   -75,   -75,  -106,

  13,   -56,  -106,  -106,  -106,  -106,  -106,    54,    54,  -106,
  -106,  -106,    15,    18,    19,    21,    26,    27,    28,    29,
  -106,   -56,  -106,   -26,  -106,   -85,   -85,   -85,   -22,  -75,
  -75,   -75,  -106,   -30,   -31,   -32,  -33,  -106,  -106,
  -106,  -106,   -34,   -35,    36,    37,    38,    39,    40,    41,
  -106,  -106,    42,  -106,  -106,    43,    44,    45,  -106,  -106,
  -106,  -106
};

/* YYDEFACT[STATE-NUM] -- Default reduction number in state STATE-NUM. 
   Performed when YYTABLE does not specify something else to do. Zero 
   means the default is an error. */
static const yytype_uint8 yydefact[] =
{
  5,   0,   0,    0,    0,   0,    0,    0,    73,
  0,   0,   73,    0,    0,    0,    0,    1,    0,
  0,   2,   71,    0,    91,    5,    5,    0,    81,    82,
  9,   6,   0,    0,    0,    13,    58,    58,    73,    92,
3, 4, 70, 26, 7, 11, 12, 17, 0, 0,
0, 0, 0, 73, 0, 0, 72, 0,
0, 0, 26, 28, 22, 0, 0, 17, 19, 0,
31, 0, 46, 0, 47, 0, 49, 0, 48, 78,
58, 74, 75, 0, 29, 10, 25, 0, 22, 0,
24, 90, 14, 16, 0, 0, 36, 0, 0, 0,
0, 0, 0, 54, 0, 0, 0, 76, 57, 0,
0, 8, 20, 0, 0, 23, 90, 0, 88, 59,
60, 0, 39, 32, 0, 38, 37, 0, 61, 62,
63, 64, 67, 68, 56, 50, 0, 55, 0, 65,
66, 80, 27, 30, 0, 110, 89, 18, 41, 33,
36, 36, 51, 54, 54, 0, 80, 0, 110, 0,
0, 101, 34, 35, 52, 53, 0, 79, 107, 109,
108, 40, 0, 0, 0, 0, 0, 0, 0, 0,
42, 101, 45, 0, 77, 0, 0, 0, 0, 0,
0, 0, 90, 43, 0, 0, 0, 102, 83,
84, 85, 0, 0, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 94, 95, 99, 93, 98, 96,
97, 100, 0, 87, 86, 0, 0, 0, 106, 104,
103, 105
];

/* YYGOTO[NTERM-NUM]. */
static const yynot_int8 yygoto[] =
{
-106, -106, 49, 16, -106, -106, -106, -106, 61, -106,
51, -106, -106, 78, -28, -13, -106, -106, -106,
106, 20, -72, 113, -106, 14, -14, -94, -106, -23,
50, -4, -106, -106, -106, -106, -106, 47
};

/* YYDEFGOTO[NTERM-NUM]. */
static const yynot_int16 yydefgoto[] =
{
-1, 8, 9, 30, 10, 64, 43, 47, 66, 67,
87, 88, 89, 61, 62, 63, 110, 95, 96, 149,
123, 124, 125, 126, 160, 161, 180, 181, 98, 100,
105, 102, 103, 152, 135, 136, 137, 53, 54, 11,
21, 22, 23, 56, 107, 155, 31, 202, 225, 117,
118, 25, 182, 183, 198, 115, 159
};

/* YYTABLE[YPACT[STATE-NUM]] -- What to do in state STATE-NUM. If
positive, shift that token. If negative, reduce the rule whose
number is the opposite. If YYTABLE_NINF, syntax error. */
static const yynot_int16 yytable[] =

static const yytype_int16 yycheck[] =
{
};
/* YYSTOS[STATE-NUM] -- The (internal number of the) accessing symbol of state STATE-NUM. */
static const yytype_uint8 yystos[] = 
{

0, 29, 121, 122, 128, 150, 151, 152, 160, 161, 
163, 198, 155, 153, 153, 153, 153, 153, 0, 25, 
30, 199, 200, 201, 157, 210, 210, 200, 128, 131, 
162, 205, 205, 205, 162, 155, 155, 210, 210, 
161, 161, 156, 165, 162, 154, 154, 166, 21, 22, 
23, 24, 120, 196, 197, 198, 202, 202, 200, 119, 
149, 172, 173, 174, 164, 37, 167, 168, 174, 153, 
155, 153, 155, 153, 153, 153, 153, 153, 199, 
210, 156, 156, 153, 154, 172, 169, 170, 171, 
173, 153, 154, 167, 205, 176, 177, 205, 187, 205, 
188, 205, 190, 191, 205, 189, 87, 203, 196, 205, 
175, 154, 169, 34, 87, 214, 205, 208, 209, 154, 
156, 31, 128, 179, 180, 181, 182, 201, 154, 156, 
154, 156, 154, 156, 128, 193, 194, 195, 201, 154, 
156, 153, 154, 154, 153, 153, 209, 154, 153, 178, 
210, 210, 192, 210, 210, 204, 205, 205, 205, 215, 
183, 184, 179, 179, 193, 193, 154, 204, 154, 215, 
154, 154, 60, 62, 65, 81, 82, 83, 84, 118, 
185, 186, 211, 212, 210, 153, 153, 153, 153, 
153, 153, 153, 185, 61, 66, 67, 69, 213, 123, 
124, 129, 206, 206, 206, 129, 205, 205, 205, 208, 
153, 153, 153, 154, 154, 154, 154, 154, 154, 
154, 206, 74, 206, 207, 206, 206, 154, 154, 
154, 154
};

/* YYR1[YYN] -- Symbol number of symbol that rule YYN derives. */
static const yytype_uint8 yyr1[] =
{

0, 159, 160, 161, 161, 161, 162, 164, 163, 165, 
163, 163, 166, 163, 163, 167, 167, 168, 168, 
169, 169, 171, 170, 170, 172, 172, 173, 173, 175, 
174, 177, 178, 176, 179, 179, 179, 180, 180, 181, 
182, 184, 183, 185, 185, 186, 187, 188, 189, 191, 
192, 190, 193, 193, 193, 194, 195, 196, 197, 
197, 197, 197, 197, 197, 197, 197, 197, 197, 
198, 199, 200, 200, 201, 201, 202, 203, 203, 204, 
204, 205, 205, 206, 206, 206, 207, 207, 208, 209, 
209, 210, 210, 211, 211, 211, 211, 211, 211, 211, 
211, 212, 211, 213, 213, 213, 213, 214, 214, 215, 
215
};
/* YYR2[YYN] -- Number of symbols on the right hand side of rule YYN. */
static const yytype_uint8 yyr2[] =
{
0, 2, 2, 3, 3, 0, 1, 0, 7, 0,
6, 4, 4, 0, 6, 1, 2, 0, 4, 1,
2, 0, 0, 2, 1, 2, 0, 4, 1, 0,
4, 0, 0, 3, 3, 3, 0, 1, 1, 1,
4, 0, 2, 2, 0, 1, 0, 0, 0, 0,
0, 3, 3, 3, 0, 1, 1, 3, 0, 4,
4, 4, 4, 4, 4, 4, 4, 4, 4, 1,
4, 1, 3, 0, 4, 4, 3, 5, 0, 2,
0, 1, 1, 1, 1, 1, 1, 1, 1, 2,
0, 1, 2, 4, 4, 4, 4, 4, 4, 4,
4, 0, 2, 4, 4, 4, 4, 4, 4, 2,
0
};

#define yyerrok
(yyerrstatus = 0)
#define yyclearin
(yychar = YYEMPTY)
#define YYEMPTY
(-2)
#define YYEOF
0
#define YYACCEPT
#define YYABORT
#define YYERROR

goto yyacceptlab
goto yyabortlab
goto yyerrorlab

#define YYRECOVERING() (!!yyerrstatus)
#define YYBACKUP(Token, Value)
\
do
\
if (yychar == YYEMPTY)
\
{
\
yychar = (Token);
\
yylval = (Value);
\
YYPOPSTACK (yylen);
\
yystate = *yyssp;
\
goto yybackup;
\
}
\
else
\
{
\
yyerror (&yylloc, lexer, result, arg, YY_("syntax error: cannot back up")); \
YYERROR;
\
}
\
while (0)
/* Error token number */

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```c
#define YYERROR 1
#define YYERRCODE 256

/* YYLLOC_DEFAULT -- Set CURRENT to span from RHS[1] to RHS[N]. If N is 0, then set CURRENT to the empty location which ends the previous symbol: RHS[0] (always defined). */

#ifndef YYLLOC_DEFAULT
#define YYLLOC_DEFAULT(Current, Rhs, N)                                \
  do                                                                  \
  if (N)                                                            \
  {                                                               \
    (Current).first_line   = YYRHSLOC (Rhs, 1).first_line;        \
    (Current).first_column = YYRHSLOC (Rhs, 1).first_column;    \
    (Current).last_line    = YYRHSLOC (Rhs, N).last_line;         \
    (Current).last_column  = YYRHSLOC (Rhs, N).last_column;      \
  }                                                               \
  else                                                              \
  {                                                               \
    (Current).first_line   = (Current).last_line =              \
    YYRHSLOC (Rhs, 0).last_line;                                \
    (Current).first_column = (Current).last_column =              \
    YYRHSLOC (Rhs, 0).last_column;                              \
  }                                                               \
  while (0)                                                        
#endif

#define YYRHSLOC(Rhs, K) ((Rhs)[K])

/* Enable debugging if requested. */
#if YYDEBUG

#define YYDPRINTF(Args)                        \
  do {                                            \
    if (yydebug)                                  \
      YYFPRINTF Args;                             \
  } while (0)

/* YY_LOCATION_PRINT -- Print the location on the stream. This macro was not mandated originally: define only if we know
*/
```

we won't break user code: when these are the locations we know. */

#define YY_LOCATION_PRINT
#define YY_SYMBOL_PRINT(Title, Type, Value, Location) \
    do { \
        if (yydebug) \
            YYPRINTF (stderr, "%s", Title); \
        yy_symbol_print (stderr, \
            Type, Value, Location); \
    }

#define YY_LOCATION_PRINT(File, Loc)          \
    yy_location_print_ (File, &(Loc))
#define YY_SYMBOL_PRINT(Title, Type, Value, Location) \
    do { \
        if (yydebug) \
            YYPRINTF (stderr, "%s", Title); \
        yy_symbol_print (stderr, \
            Type, Value, Location); \
    }
Type, Value, Location, lexer, result, arg); \
    YYPRINTF (stderr, "\n"); \
} \
} while (0)

/*----------------------------------------.\n| Print this symbol's value on YYOUTPUT. |\n'----------------------------------------*/

static void
yy_symbol_value_print (FILE *yyoutput, int yytype, YYSTYPE const * const yyvaluep, YYLTYPE const * const
yylocationp, CfgLexer *lexer, LogExprNode **result, gpointer arg)
{
    FILE *yyo = yyoutput;
    YYUSE (yyo);
    YYUSE (yylocationp);
    YYUSE (lexer);
    YYUSE (result);
    YYUSE (arg);
    if (!yyvaluep)
        return;
    # ifdef YYPRINT
    if (yytype < YYNTOKENS)
        YYPRINT (yyoutput, yytoknum[yytype], *yyvaluep);
    # endif
    YYUSE (yytype);
}

/*------------------------------------------------------------------.
| Print this symbol on YYOUTPUT. |
'------------------------------------------------------------------*/

static void
yy_symbol_print (FILE *yyoutput, int yytype, YYSTYPE const * const yyvaluep, YYLTYPE const * const
yylocationp, CfgLexer *lexer, LogExprNode **result, gpointer arg)
{
    YYPRINTF (yyoutput, "%s %s (",
        yytype < YYNTOKENS ? "token" : "nterm", yytname[yytype]);

    YY_LOCATION_PRINT (yyoutput, *yylocationp);
    YYPRINTF (yyoutput, ", %s",
        yytype < YYNTOKENS ? "token" : "nterm", yytname[yytype]);

    YYPRINTF (yyoutput, "%s",
        yytype < YYNTOKENS ? "token" : "nterm", yytname[yytype]);

    yy_symbol_value_print (yyoutput, yytype, yyvaluep, yylocationp, lexer, result, arg);
    YYPRINTF (yyoutput, ")\n");
}

/*------------------------------------------------------------------.\n| Print this symbol's value on YYOUTPUT. |\n'------------------------------------------------------------------.\n
static void yy_stack_print (yytype_int16 *yybottom, yytype_int16 *yytop)
{
  YYFPRINTF (stderr, "Stack now");
  for (; yybottom <= yytop; yybottom++)
  {
    int yybot = *yybottom;
    YYFPRINTF (stderr, " %d", yybot);
  }
  YYFPRINTF (stderr, 

#define YY_STACK_PRINT(Bottom, Top)                             
  do {                                                            
    if (yydebug)                                                  
      yy_stack_print ((Bottom), (Top));                           
  } while (0)

static void yy_reduce_print (yytype_int16 *yyssp, YYSTYPE *yyvsp, YYLTYPE *yylsp, int yyrule, CfgLexer *lexer, 
LogExprNode **result, gpointer arg)
{
  unsigned long int yylno = yyrline[yyrule];
  int yynrhs = yyr2[yyrule];
  int yyi;
  YYFPRINTF (stderr, "Reducing stack by rule %d (line %lu):n", 
    yyrule - 1, yylno);
  /* The symbols being reduced. */
  for (yyi = 0; yyi < yynrhs; yyi++)
  {
    YYFPRINTF (stderr, "$%d = ", yyi + 1);
    yy_symbol_print (stderr, 
      yystos[yyssp[yyi + 1 - yynrhs]], 
      &yyvsp[(yyi + 1) - (yynrhs)]
      , &yylsp[(yyi + 1) - (yynrhs)] , lexer, result, arg);
    YYFPRINTF (stderr, "n");
  }
}
# define YY_REDUCE_PRINT(Rule)          \
    do {
        if (yydebug)     \
            yy_reduce_print (yyssp, yyvsp, yylsp, Rule, lexer, result, arg);\n    } while (0)

/* Nonzero means print parse trace. It is left uninitialized so that    
   multiple parsers can coexist. */
int yydebug;
#else /* !YYDEBUG */
#define YYDPRINTF(Args)
#define YY_SYMBOL_PRINT(Title, Type, Value, Location)
#define YY_STACK_PRINT(Bottom, Top)
#define YY_REDUCE_PRINT(Rule)
#endif /* !YYDEBUG */

/* YYINITDEPTH -- initial size of the parser's stacks. */
#ifndef YYINITDEPTH
#define YYINITDEPTH 200
#endif
/* YYMAXDEPTH -- maximum size the stacks can grow to (effective only
   if the built-in stack extension method is used).
   Do not make this value too large; the results are undefined if
   Yystack_alloc_maximum < Yystack_bytes (YYMAXDEPTH)
   evaluated with infinite-precision integer arithmetic. */
#ifndef YYMAXDEPTH
#define YYMAXDEPTH 10000
#endif
#if YYERROR_VERBOSE
#ifndef yystrlen
#define yystrlen strlen
#else
/* Return the length of YYSTR. */
static YYSIZE_T
yystrlen (const char *yystr)
{
    YYSIZE_T yylen;
    for (yylen = 0; yystr[yylen]; yylen++)
        continue;
    return yylen;
#endif
#endif

if defined yystrlen
    if defined __GLIBC__ && defined _STRING_H
        define yystrlen strlen
    else
        /* Return the length of YYSTR. */
        static YYSIZE_T
        yystrlen (const char *yystr)
        {
            YYSIZE_T yylen;
            for (yylen = 0; yystr[yylen]; yylen++)
                continue;
            return yylen;
#endif

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}
# endif
# endif
# ifndef yystpcpy
# if defined __GLIBC__ && defined _STRING_H && defined _GNU_SOURCE
# define yystpcpy stpcpy
# else
/* Copy YYSRC to YYDEST, returning the address of the terminating '\0' in
YYDEST. */
static char *
yystpcpy (char *yydest, const char *yysrc)
{
char *yyd = yydest;
const char *yys = yysrc;
while ((*yyd++ = *yys++) != '\0')
continue;
return yyd - 1;
}
# endif
# endif
# ifndef yytnamerr
/* Copy to YYRES the contents of YYSTR after stripping away unnecessary
quotes and backslashes, so that it's suitable for yyerror. The
heuristic is that double-quoting is unnecessary unless the string
contains an apostrophe, a comma, or backslash (other than
backslash-backslash). YYSTR is taken from yytname. If YYRES is
null, do not copy; instead, return the length of what the result
would have been. */
static YYSIZE_T
yytnamerr (char *yyres, const char *yystr)
{
if (*yystr == '"')
{
YYSIZE_T yyn = 0;
char const *yyp = yystr;
for (;;)
switch (*++yyp)
{
case '\'':
case ',':
goto do_not_strip_quotes;
case '\\':

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if (*++yyp != '\')
    goto do_not_strip_quotes;
/* Fall through. */
default:
    if (yyres)
        yyres[yyn] = *yyp;
    yyn++; break;

    case '"':
    if (yyres)
        yyres[yyn] = '\0';
    return yyn;
    }
    do_not_strip_quotes: ; }

if (! yyres)
    return yystrlen (yystr);

return yystpcpy (yyres, yystr) - yyres;
}
#endif

/* Copy into *YYMSG, which is of size *YYMSG_ALLOC, an error message about the unexpected token YYTOKEN for the state stack whose top is YYSSP.

Return 0 if *YYMSG was successfully written. Return 1 if *YYMSG is not large enough to hold the message. In that case, also set *YYMSG_ALLOC to the required number of bytes. Return 2 if the required number of bytes is too large to store. */
static int yysyntax_error (YYSIZE_T *yymsg_alloc, char **yymsg, yytype_int16 *yyssp, int yytoken)
{
YYSIZE_T yysize0 = yytnamerr (YY_NULLPTR, yytname[yytoken]);
YYSIZE_T yysize = yysize0;
enum { YYERROR_VERBOSE_ARGS_MAXIMUM = 5 }; /* Internationalized format string. */
const char *yyformat = YY_NULLPTR; /* Arguments of yyformat. */
char const *yyarg[YYERROR_VERBOSE_ARGS_MAXIMUM]; /* Number of reported tokens (one for the "unexpected", one per "expected"). */
int yycount = 0;

/* There are many possibilities here to consider:
- If this state is a consistent state with a default action, then
  the only way this function was invoked is if the default action
  is an error action. In that case, don't check for expected
  tokens because there are none.
- The only way there can be no lookahead present (in yychar) is if
  this state is a consistent state with a default action. Thus,
  detecting the absence of a lookahead is sufficient to determine
  that there is no unexpected or expected token to report. In that
  case, just report a simple "syntax error".
- Don't assume there isn't a lookahead just because this state is a
  consistent state with a default action. There might have been a
  previous inconsistent state, consistent state with a non-default
  action, or user semantic action that manipulated yychar.
- Of course, the expected token list depends on states to have
  correct lookahead information, and it depends on the parser not
  to perform extra reductions after fetching a lookahead from the
  scanner and before detecting a syntax error. Thus, state merging
  (from LALR or IELR) and default reductions corrupt the expected
  token list. However, the list is correct for canonical LR with
  one exception: it will still contain any token that will not be
  accepted due to an error action in a later state.

  /*
  if (ytoken != YYEMPTY)
  {
    int yyn = yypact[*yyssp];
    yyarg[yycount++] = yytname[ytoken];
    if (!yypact_value_is_default (yyn))
    {
      /* Start YYX at -YYN if negative to avoid negative indexes in
         YYCHECK. In other words, skip the first -YYN actions for
         this state because they are default actions. */
      int yyxbegin = yyn < 0 ? -yyn : 0;
      /* Stay within bounds of both yycheck and yytname. */
      int yychecklim = YYLAST - yyn + 1;
      int yyxend = yychecklim < YYNTOKENS ? yychecklim : YYNTOKENS;
      for (yyx = yyxbegin; yyx < yyxend; ++yyx)
      {
        if (yycheck[yyx + yyn] == yyx && yyx != YYTERROR
            && !yytable_value_is_error (yytable[yyx + yyn]))
          {
            if (yycount == YYERROR_VERBOSE_ARGS_MAXIMUM)
              {
                yycount = 1;
                yysize = yysize0;
                break;
              }
            yyarg[yycount++] = yytname[yyx];
          }
    }
  }
{ 
    YYSIZE_T yysize1 = yysize + yystrlen(yyformat); 
    if (! (yysize <= yysize1 
        && yysize1 <= YYSTACK_ALLOC_MAXIMUM)) 
        return 2; 
    yysize = yysize1; 
    } 

switch (yycount) 
{ 
# define YYCASE_(N, S)                      
    case N:                               
    yyformat = S;                       
    break 

YYCASE_(0, YY_("syntax error");
YYCASE_(1, YY_("syntax error, unexpected %s");
YYCASE_(2, YY_("syntax error, unexpected %s, expecting %s");
YYCASE_(3, YY_("syntax error, unexpected %s, expecting %s or %s");
YYCASE_(4, YY_("syntax error, unexpected %s, expecting %s or %s or %s");
YYCASE_(5, YY_("syntax error, unexpected %s, expecting %s or %s or %s or %s");

# undef YYCASE_
} 

{ 
    YYSIZE_T yysize1 = yysize + yystrlen(yyformat); 
    if (! (yysize <= yysize1 
        && yysize1 <= YYSTACK_ALLOC_MAXIMUM)) 
        return 2; 
    yysize = yysize1; 
    } 

if (*yymsg_alloc < yysize) 
{ 
    *yymsg_alloc = 2 * yysize; 
    if (! (yysize <= *yymsg_alloc 
        && *yymsg_alloc <= YYSTACK_ALLOC_MAXIMUM)) 
        *yymsg_alloc = YYSTACK_ALLOC_MAXIMUM; 
    return 1; 
} 

/* Avoid sprintf, as that infringes on the user's name space. 
Don't have undefined behavior even if the translation 
produced a string with the wrong number of "%s"s. */ 
{ 
    char *yyp = *yymsg;
    int yyi = 0;
while (*yyp = *yyformat) != '0')
if (*yyp == '%' && yyformat[1] == 's' && yyi < yycount)
{
   yyp += yytnamerr (yyp, yyarg[yyi++]);
   yyformat += 2;
}
else
{
   yyp++;
   yyformat++;
}
}
return 0;
}
#endif /* YYERROR_VERBOSE */

/*-----------------------------------------------.
 | Release the memory associated to this symbol.  |
'-----------------------------------------------*/

static void
yydestruct (const char *yymsg, int yytype, YYSTYPE *yyvaluep, YYLTYPE *yylocationp, CfgLexer *lexer,
LogExprNode **result, gpointer arg)
{
   YYUSE (yyvaluep);
   YYUSE (yylocationp);
   YYUSE (lexer);
   YYUSE (result);
   YYUSE (arg);
   if (!yymsg)
      yymsg = "Deleting";
   YY_SYMBOL_PRINT (yymsg, yytype, yyvaluep, yylocationp);

   YY_IGNORE_MAYBE_UNINITIALIZED_BEGIN
   YYUSE (yytype);
   YY_IGNORE_MAYBE_UNINITIALIZED_END
}

/*----------.
 | yyparse.  |
'----------*/

int
yyparse (CfgLexer *lexer, LogExprNode **result, gpointer arg)
{
/* The lookahead symbol. */
int yychar;

/* The semantic value of the lookahead symbol. */
/* Default value used for initialization, for pacifying older GCCs
   or non-GCC compilers. */
YY_INITIAL_VALUE (static YYSTYPE yyval_default;
YYSTYPE yylval YY_INITIAL_VALUE (= yyval_default);

/* Location data for the lookahead symbol. */
static YYLTYPE yyloc_default
# if defined YYLTYPE_IS_TRIVIAL && YYLTYPE_IS_TRIVIAL
   = { 1, 1, 1, 1 }
# endif
;
YYLTYPE yylloc = yyloc_default;

/* Number of syntax errors so far. */
int yynerrs;

int yystate;
/* Number of tokens to shift before error messages enabled. */
int yyerrstatus;

/* The stacks and their tools:
   'yyss': related to states.
   'yyvs': related to semantic values.
   'yyls': related to locations.

   Refer to the stacks through separate pointers, to allow yyoverflow
to reallocate them elsewhere. */

/* The state stack. */
yytype_int16 yyssa[YYINITDEPTH];
yytype_int16 *yyss;
yytype_int16 *yyssp;

/* The semantic value stack. */
YYSTYPE yyvs[YYINITDEPTH];
YYSTYPE *yyvs;
YYSTYPE *yyvsp;

/* The location stack. */
YYLTYPE yyls[YYINITDEPTH];
YYLTYPE *yyls;
YYLTYPE *yylsp;
/* The locations where the error started and ended. */
YYLTYPE yyerror_range[3];

YYSIZE_T yystacksize;

int yyn;
int yyresult;
/* Lookahead token as an internal (translated) token number. */
int yytoken = 0;
/* The variables used to return semantic value and location from the 
action routines. */
YYSTYPE yyval;
YYLTYPE yyloc;

#if YYERROR_VERBOSE
/* Buffer for error messages, and its allocated size. */
char yymsgbuf[128];
char *yymsg = yymsgbuf;
YYSIZE_T yymsg_alloc = sizeof yymsgbuf;
#endif

#define YYPOPSTACK(N)   (yyvsp -= (N), yyssp -= (N), yylsp -= (N))
/* The number of symbols on the RHS of the reduced rule. 
Keep to zero when no symbol should be popped. */
int yylen = 0;

yyssp = yyss = yyssa;
yyvalp = yyvs = yyvsa;
yylsp = yyls = yylsa;
yystacksize = YYINITDEPTH;

YYDPRINTF ((stderr, "Starting parse\n"));

ystate = 0;
yyerrstatus = 0;
ynerrs = 0;
yychar = YYEMPTY; /* Cause a token to be read. */
yylsp[0] = yyloc;
goto yynerrstate;

/*---------------------------------------------.
 | yynewstate -- Push a new state, which is found in yystate. |
 '----------------------------------------------------------*/

yynewstate:
/* In all cases, when you get here, the value and location stacks
 have just been pushed. So pushing a state here evens the stacks. */
yyvalp++;
yysetstate:
*yyssp = yystate;

if (yyss + yystacksize - 1 <= yyssp)
{
    /* Get the current used size of the three stacks, in elements. */
    YYSIZE_T yysize = yyssp - yyss + 1;

#ifndef yyoverflow
{
    /* Give user a chance to reallocate the stack. Use copies of
   these so that the &'s don't force the real ones into
   memory. */
    YYSTYPE *yyvs1 = yyvs;
    yytype_int16 *yyss1 = yyss;
    YYLTYPE *yyls1 = yyls;
    /* Each stack pointer address is followed by the size of the
   data in use in that stack, in bytes. This used to be a
   conditional around just the two extra args, but that might
   be undefined if yyoverflow is a macro. */
    yyoverflow (YY_("memory exhausted"),
               &yyss1, yysize * sizeof (*yyssp),
               &yyvs1, yysize * sizeof (*yyvsp),
               &yyls1, yysize * sizeof (*yylsp),
               &yystacksize);
    yyls = yyls1;
    yyss = yyss1;
    yyvs = yyvs1;
}
#else /* no yyoverflow */
#endif YYSTACK_RELOCATE
    goto yyexhaustedlab;
#endif /* no yyoverflow */

/* Extend the stack our own way. */
if (YYMAXDEPTH <= yystacksize)
    goto yyexhaustedlab;
    yystacksize *= 2;
if (YYMAXDEPTH < yystacksize)
    yystacksize = YYMAXDEPTH;

yytype_int16 *yyss1 = yyss;
union yyalloc *yyptr =
    (union yyalloc *) YYSTACK_ALLOC (YYSTACK_BYTES (yystacksize));
if (! yyptr)
goto yyexhaustedlab;
YYSTACK_RELOCATE (yyss_alloc, yyss);
YYSTACK_RELOCATE (yyvs_alloc, yyvs);
YYSTACK_RELOCATE (yyls_alloc, yyls);
#endif /* no yyoverflow */

yyssp = yyss + yysize - 1;
yyvsp = yyvs + yysize - 1;
yylsp = yyls + yysize - 1;

YYDPRINTF ((stderr, "Stack size increased to %lu\n",
(unsigned long int) yystacksize));

if (yyss + yystacksize - 1 <= yyssp)
  YYABORT;
}

YYDPRINTF ((stderr, "Entering state %d\n", yystate));

if (yystate == YYFINAL)
  YYACCEPT;

goto yybackup;

/* Do appropriate processing given the current state. Read a
lookahead token if we need one and don't already have one. */

/* First try to decide what to do without reference to lookahead token. */
yyn = yypact[yystate];
if (yypact_value_is_default (yyn))
  goto yydefault;

/* Not known => get a lookahead token if don't already have one. */

/* YYCHAR is either YYEMPTY or YYEOF or a valid lookahead symbol. */
if (yychar == YYEMPTY)
  {
    YYDPRINTF ((stderr, "Reading a token: ");

yychar = yylex (&yylval, &yylloc, lexer);
}

if (yychar <= YYEOF)
{
    yychar = yytoken = YYEOF;
    YYDPRINTF ((stderr, "Now at end of input.
"));
}
else
{
    yytoken = YYTRANSLATE (yychar);
    YY_SYMBOL_PRINT ("Next token is", yytoken, &yylval, &yylloc);
}

/* If the proper action on seeing token YYTOKEN is to reduce or to
   detect an error, take that action. */
yyn += yytoken;
if (yyn < 0 || YYLAST < yyn || yycheck[yyn] != yytoken)
goto yydefault;
yyn = yytable[yyn];
if (yyn <= 0)
{
    if (yytable_value_is_error (yyn))
        goto yyerrlab;
    yyn = -yyn;
    goto yyreduce;
}

/* Count tokens shifted since error; after three, turn off error
   status. */
if (yyerrstatus)
    yyerrstatus--;

/* Shift the lookahead token. */
YY_SYMBOL_PRINT ("Shifting", yytoken, &yylval, &yylloc);

/* Discard the shifted token. */
yychar = YYEMPTY;

ystate = yyn;
YY_IGNORE_MAYBE_UNINITIALIZED_BEGIN
*++yyvsp = yylval;
YY_IGNORE_MAYBE_UNINITIALIZED_END
*++yylsp = yylloc;
goto yynewstate;

/*-----------------------------------------------------------.
yydefault -- do the default action for the current state.
'---------------------------------------------------------------*/

yydefault:
   yyn = yydefact[yystate];
   if (yyn == 0)
      goto yyerrlab;
   goto yyreduce;

/*-----------------------------.
| yyreduce -- Do a reduction.  |
'-----------------------------*/

yyreduce:
/* yyn is the number of a rule to reduce with. */
   yyn = yyr2[yyn]:

/* If YYLEN is nonzero, implement the default value of the action:
   '$$ = $1'.
Otherwise, the following line sets YYVAL to garbage.
This behavior is undocumented and Bison
users should not rely upon it. Assigning to YYVAL
unconditionally makes the parser a bit smaller, and it avoids a
GCC warning that YYVAL may be used uninitialized. */
   yyn = yyvsp[1-yylen];

/* Default location. */
   YYLLOC_DEFAULT (yyloc, (yylsp - yylen), yylen);
   YY_REDUCE_PRINT (yyn);
   switch (yyn)
   {
     case 2:
       #line 387 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
       { *result = log_expr_node_append_tail((yyvsp[-1].ptr), (yyvsp[0].ptr)); if (yychar != YYEMPTY) { 
         cfg_lexer_unput_token(lexer, &yylval); } YYACCEPT; }
       #line 2942 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
       break;

     case 3:
       #line 391 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
       { (yyval.ptr) = log_expr_node_append_tail(log_expr_node_new_pipe((yyvsp[-2].ptr), &(yylsp[-2])), (yyvsp[0].ptr)); 
         (yyval.ptr) = log_expr_node_append_tail((yyvsp[-2].ptr), (yyval.ptr)); }
       #line 2948 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
       break;

     case 4:
       #line 392 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
       { (yyval.ptr) = log_expr_node_append_tail((yyvsp[-2].ptr), (yyval.ptr)); }
case 5:

```c
    { (yyval.ptr) = NULL; }
```

```
break;
```

```
case 6:

```c
    { (yyval.ptr) = log_template_new(configuration, (yyvsp[0].cptr));
      CHECK_ERROR_GERROR(log_template_compile((yyval.ptr), (yyvsp[0].cptr), &error), (yylsp[0]), error, "error
      compiling replacement");
      free((yyvsp[0].cptr));
    }
```

```
break;
```

```
case 7:

```c
    { last_rewrite = log_rewrite_subst_new((yyvsp[0].ptr), configuration);
      log_template_unref((yyvsp[0].ptr));
    }
```

```
break;
```

```
case 8:

```c
    { GError *error = NULL;
      CHECK_ERROR_GERROR(log_rewrite_subst_compile_pattern(last_rewrite, (yyvsp[-4].cptr), &error),
      (yyval.ptr) = last_rewrite;
    }
```

```
break;
```

```
case 9:

```c
    { last_rewrite = log_rewrite_set_new((yyvsp[0].ptr), configuration);
      log_template_unref((yyval.ptr));
    }
```

```
```
case 10:

    { (yyval.ptr) = last_rewrite; }

case 11:

    { (yyval.ptr) = log_rewrite_set_tag_new((yyvsp[-1].cptr), TRUE, configuration); free((yyvsp[-1].cptr)); }  

case 12:

    { (yyval.ptr) = log_rewrite_set_tag_new((yyvsp[-1].cptr), FALSE, configuration); free((yyvsp[-1].cptr)); }  

case 13:

    {  
        last_rewrite = log_rewrite_groupset_new((yyvsp[0].ptr), configuration);  
        log_template_unref((yyvsp[0].ptr));  
    }

case 14:

    { (yyval.ptr) = last_rewrite; }

case 15:

    {  
        Plugin *p;  
        gint context = LL_CONTEXT_REWRITE;  
        p = plugin_find(configuration, context, (yyvsp[0].cptr));  
        CHECK_ERROR(p, (yyvsp[0]), "%s plugin %s not found",  
                    cfg_lexer_lookup_context_name_by_type(context), (yyvsp[0].cptr));  
        last_rewrite = (LogRewrite *) plugin_parse_config(p, configuration, &yyvsp[0], NULL);  
    }
free((yyvsp[0].cptr));
if (!last_rewrite)
{
    YYERROR;
}
(yyval.ptr) = last_rewrite;
}
#line 3054 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 18:
#line 460 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
    log_rewrite_groupset_add_fields(last_rewrite, (yyvsp[-1].ptr));
}
#line 3062 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 22:
#line 472 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
    last_matcher_options = log_rewrite_subst_get_matcher_options(last_rewrite);
}
#line 3068 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 27:
#line 483 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
    const gchar *p = (yyvsp[-1].cptr);
    if (p[0] == '$')
    {
        msg_warning("Value references in rewrite rules should not use the 'S' prefix, those are only needed in templates",
            evt_tag_str("value", (yyvsp[-1].cptr)),
            NULL);
        p++;
    }
    last_rewrite->value_handle = log_msg_get_value_handle(p);
    CHECK_ERROR(!log_msg_is_handle_macro(last_rewrite->value_handle), (yylsp[-1]), "%s is read-only, it cannot be changed in rewrite rules", p);
    CHECK_ERROR(log_msg_is_value_name_valid(p), (yylsp[-1]), "%s is not a valid name for a name-value pair, perhaps a misspelled .SDATA reference?", p);
    free((yyvsp[-1].cptr));
}
#line 3087 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 29:
#line 502 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
FilterExprNode *filter_expr;

CHECK_ERROR_WITHOUT_MESSAGE(cfg_parser_parse(&filter_expr_parser, lexer, (gpointer *) &filter_expr, NULL), (yylsp[-1]));
    log_rewrite_set_condition(last_rewrite, filter_expr);
}
#line 3098 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 31:
#line 514 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { cfg_lexer_push_context(lexer, LL_CONTEXT_SOURCE, NULL, "source"); }
#line 3104 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 32:
#line 516 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { cfg_lexer_pop_context(lexer); }
#line 3110 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 33:
#line 517 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    {
        (yyval.ptr) = log_expr_node_new_junction((yyvsp[-1].ptr), &(yyloc));
    }
#line 3118 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 34:
#line 523 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_append_tail(log_expr_node_new_pipe((yyvsp[-2].ptr), &(yylsp[-2])), (yyvsp[0].ptr)); }
#line 3124 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 35:
#line 524 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_append_tail((yyvsp[-2].ptr), (yyvsp[-2])); (yyvsp[0].ptr)); }
#line 3130 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 36:
#line 525 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = NULL; }
#line 3136 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;
case 37:
#line 529 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{ (yyval.ptr) = (yyvsp[0].ptr); }
#line 3142 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 38:
#line 530 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{ (yyval.ptr) = (yyvsp[0].ptr); }
#line 3148 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 39:
#line 535 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
    Plugin *p;
    gint context = LL_CONTEXT_SOURCE;

    p = plugin_find(configuration, context, (yyvsp[0].cptr));
    CHECK_ERROR(p, (yylsp[0]), "%s plugin %s not found",
    cfg_lexer_lookup_context_name_by_type(context), (yyvsp[0].cptr));

    last_driver = (LogDriver *) plugin_parse_config(p, configuration, &(yylsp[0]), NULL);
    free((yyvsp[0].cptr));
    if (!last_driver)
    {
        YYERROR;
    }
    (yyval.ptr) = last_driver;
}
#line 3168 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 40:
#line 553 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{ (yyval.ptr) = (yyvsp[-1].ptr); }
#line 3174 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 41:
#line 557 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
    last_driver = afinter_sd_new(configuration);
    last_source_options = &((AFInterSourceDriver *) last_driver)->source_options;
}
#line 3183 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;
case 42:
#line 561 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
 { (yyval.ptr) = last_driver; }
#line 3189 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
 break;

 case 46:
#line 575 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
 FilterExprNode *last_filter_expr = NULL;

 CHECK_ERROR_WITHOUT_MESSAGE(cfg_parser_parse(&filter_expr_parser, lexer, (gpointer *)
 &last_filter_expr, NULL), (yyloc));

 (yyval.ptr) = log_expr_node_new_pipe(log_filter_pipe_new(last_filter_expr, configuration), &(yyloc));
}
#line 3201 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
 break;

 case 47:
#line 586 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
 LogExprNode *last_parser_expr = NULL;

 CHECK_ERROR_WITHOUT_MESSAGE(cfg_parser_parse(&parser_expr_parser, lexer, (gpointer *)
 &last_parser_expr, NULL), (yyloc));

 (yyval.ptr) = last_parser_expr;
}
#line 3212 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
 break;

 case 48:
#line 596 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{
 LogExprNode *last_rewrite_expr = NULL;

 CHECK_ERROR_WITHOUT_MESSAGE(cfg_parser_parse(&rewrite_expr_parser, lexer, (gpointer *)
 &last_rewrite_expr, NULL), (yyloc));

 (yyval.ptr) = last_rewrite_expr;
}
#line 3223 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
 break;

 case 49:
#line 605 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
 { cfg_lexer_push_context(lexer, LL_CONTEXT_DESTINATION, NULL, "destination"); }
#line 3229 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */

break;

case 50:
#line 607 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { cfg_lexer_pop_context(lexer); }
#line 3235 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 51:
#line 608 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    {
        (yyval.ptr) = log_expr_node_new_junction((yyvsp[-1].ptr), &(yyloc));
    }
#line 3243 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 52:
#line 616 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    {
        (yyval.ptr) = log_expr_node_append_tail(log_expr_node_new_pipe((yyvsp[-2].ptr), &(yylsp[-2])), (yyvsp[0].ptr));
    }
#line 3249 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 53:
#line 617 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    {
        Plugin *p;
        gint context = LL_CONTEXT_DESTINATION;
        p = plugin_find(configuration, context, (yyvsp[0].cptr));
    }
#line 3255 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 54:
#line 618 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = NULL; }
#line 3261 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 55:
#line 622 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = (yyvsp[0].ptr); }
#line 3267 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 56:
#line 627 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    {
        Plugin *p;
        gint context = LL CONTEXT DESTINATION;

        p = plugin_find(configuration, context, (yyvsp[0].cptr));
    }
CHECK_ERROR(p, (yyvsp[0]), "%s plugin %s not found", cfg_lexer_lookup_context_name_by_type(context), (yyvsp[0].cptr));

last_driver = (LogDriver *) plugin_parse_config(p, configuration, &(yyvsp[0]), NULL);
free((yyvsp[0].cptr));
if (!last_driver)
{
    YYERROR;
}
(yyval.ptr) = last_driver;
}
#line 3287 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 57:
#line 645 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { log_expr_node_append_tail((yyvsp[-2].ptr), (yyvsp[0].ptr)); (yyval.ptr) = (yyvsp[-2].ptr); }
#line 3293 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 58:
#line 646 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = NULL; }
#line 3299 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 59:
#line 650 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_source_reference((yyvsp[-1].cptr), &(yyloc)); free((yyvsp[-1].cptr)); }
#line 3305 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 60:
#line 651 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_source(NULL, (yyvsp[-1].ptr), &(yyloc)); } 
#line 3311 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 61:
#line 652 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_filter_reference((yyvsp[-1].cptr), &(yyloc)); free((yyvsp[-1].cptr)); }
#line 3317 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 62:
#line 653 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_filter(NULL, (yyvsp[-1].ptr), &(yyloc)); }
#line 3323 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 63:
#line 654 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_parser_reference((yyvsp[-1].cptr), &(yyloc)); free((yyvsp[-1].cptr)); } 
#line 3329 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 64:
#line 655 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_parser(NULL, (yyvsp[-1].ptr), &(yyloc)); } 
#line 3335 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 65:
#line 656 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_rewrite_reference((yyvsp[-1].cptr), &(yyloc)); free((yyvsp[-1].cptr)); } 
#line 3341 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 66:
#line 657 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_rewrite(NULL, (yyvsp[-1].ptr), &(yyloc)); } 
#line 3347 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 67:
#line 658 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_destination_reference((yyvsp[-1].cptr), &(yyloc)); free((yyvsp[-1].cptr)); } 
#line 3353 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 68:
#line 659 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_destination(NULL, (yyvsp[-1].ptr), &(yyloc)); } 
#line 3359 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 69:
#line 660 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = (yyvsp[0].ptr); } 
#line 3365 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
    break;

case 70:
#line 664 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_junction((yyvsp[-1].ptr), &(yyloc)); } 
#line 3371 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 71:
#line 676 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = (yyvsp[0].ptr) ? log_expr_node_new_junction((yyvsp[0].ptr), &(yylsp[0])) : NULL; }
#line 3377 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 72:
#line 681 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { log_expr_node_append_tail((yyvsp[-2].ptr), (yyvsp[0].ptr)); (yyval.ptr) = (yyvsp[-2].ptr); }
#line 3383 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 73:
#line 682 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = NULL; }
#line 3389 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 74:
#line 686 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = (yyvsp[-1].ptr); }
#line 3395 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 75:
#line 687 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_append_tail((yyvsp[-2].ptr), (yyvsp[0].num), &(yyloc)); }
#line 3401 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 76:
#line 691 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.ptr) = log_expr_node_new_log(log_expr_node_append_tail((yyvsp[-2].ptr), (yyvsp[-1].ptr)), (yyvsp[0].num), &(yyloc)); }
#line 3407 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 77:
#line 695 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.num) = (yyvsp[-2].num); }
#line 3413 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 78:
#line 696 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
    { (yyval.num) = 0; }

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case 79:
{ (yyval.num) = log_expr_node_lookup_flag((yyvsp[-1].cptr)) | (yyvsp[0].num); free((yyvsp[-1].cptr)); }
break;

case 80:
{ (yyval.num) = 0; }
break;

case 83:
{ (yyval.num) = 1; }
break;

case 84:
{ (yyval.num) = 0; }
break;

case 85:
{ (yyval.num) = (yyvsp[0].num); }
break;

case 86:
{ (yyval.num) = (yyvsp[0].num); }
break;

case 87:
{ (yyval.num) = 2; }
break;

case 88:
{ (yyval.ptr) = g_list_reverse((yyvsp[0].ptr)); }
case 89:
    { (yyval.ptr) = g_list_append((yyvsp[0].ptr), g_strdup((yyvsp[-1].cptr))); free((yyvsp[-1].cptr)); }
break;

case 90:
    { (yyval.ptr) = NULL; }
break;

case 93:
    { last_source_options->init_window_size = (yyvsp[-1].num); }
break;

case 94:
    { last_source_options->chain_hostnames = (yyvsp[-1].num); }
break;

case 95:
    { gchar *p = strrchr((yyvsp[-1].cptr), ':'); if (p) *p = 0; last_source_options->program_override =

g_strdup((yyvsp[-1].cptr)); free((yyvsp[-1].cptr)); }
#line 3515 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 99:
#line 816 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_source_options->keep_timestamp = (yyvsp[-1].num); }
#line 3521 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 100:
#line 817 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { log_source_options_set_tags(last_source_options, (yyvsp[-1].ptr)); }
#line 3527 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 101:
#line 818 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_host_resolve_options = &last_source_options->host_resolve_options; }
#line 3533 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 103:
#line 831 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_host_resolve_options->use_fqdn = (yyvsp[-1].num); }
#line 3539 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 104:
#line 832 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_host_resolve_options->use_dns = (yyvsp[-1].num); }
#line 3545 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 105:
#line 833 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_host_resolve_options->use_dns_cache = (yyvsp[-1].num); }
#line 3551 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 106:
#line 834 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
  { last_host_resolve_options->normalize_hostnames = (yyvsp[-1].num); }
#line 3557 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 107:
#line 978 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */

[CHECK_ERROR(log_matcher_options_set_type(last_matcher_options, (yyvsp[-1].cptr)), (yylsp[-1]),
"unknown matcher type"); free((yyvsp[-1].cptr)); ]

#line 3563 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

case 109:
#line 983 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1646 */
{ CHECK_ERROR(log_matcher_options_process_flag(last_matcher_options, (yyvsp[-1].cptr)), (yylsp[-1]),
"unknown matcher flag"); free((yyvsp[-1].cptr)); ]
#line 3569 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
break;

#line 3573 "lib/rewrite/rewrite-expr-grammar.c" /* yacc.c:1646 */
default: break;
}
/* User semantic actions sometimes alter yychar, and that requires
that yytoken be updated with the new translation. We take the
approach of translating immediately before every use of yytoken.
One alternative is translating here after every semantic action,
but that translation would be missed if the semantic action invokes
YYABORT, YYACCEPT, or YYERROR immediately after altering yychar or
if it invokes YYBACKUP. In the case of YYABORT or YYACCEPT, an
incorrect destructor might then be invoked immediately. In the
case of YYERROR or YYBACKUP, subsequent parser actions might lead
to an incorrect destructor call or verbose syntax error message
before the lookahead is translated. */
YY_SYMBOL_PRINT ("- > $ $ = ", yyrl[yyn], &yyval, &yyloc);

YYPOPSTACK (yylen);
yylen = 0;
YY_STACK_PRINT (yyss, yyssp);

*++yyvsp = yyval;
*++yylsp = yyloc;

/* Now 'shift' the result of the reduction. Determine what state
that goes to, based on the state we popped back to and the rule
number reduced by. */

yyn = yyrl[yyn];
yystate = yypgoto[yyn - YYNTOKENS] + *yyssp;
if (0 <= yystate && yystate <= YYLAST && yycheck[yystate] == *yyssp)
    yystate = yytable[yystate];
else
    yystate = yydefgoto[yyn - YYNTOKENS];
goto yynewstate;

/*--------------------------------------.
| yyerrlab -- here on detecting error. |
'--------------------------------------*/
yyerrlab:
/* Make sure we have latest lookahead translation. See comments at
user semantic actions for why this is necessary. */
yytoken = yychar == YYEMPTY ? YYEMPTY : YYTRANSLATE (yychar);
/* If not already recovering from an error, report this error. */
if (!yyerrstatus)
{
++yynerrs;
#if ! YYERROR_VERBOSE
yyerror (&yylloc, lexer, result, arg, YY_("syntax error"));
#else
# define YYSYNTAX_ERROR yysyntax_error (&yymsg_alloc, &yymsg, \
yyssp, yytoken)
{
char const *yymsgp = YY_("syntax error");
int yysyntax_error_status;
yysyntax_error_status = YYSYNTAX_ERROR;
if (yysyntax_error_status == 0)
yymsgp = yymsg;
else if (yysyntax_error_status == 1)
{
if (yymsg != yymsgbuf)
YYSTACK_FREE (yymsg);
yymsg = (char *) YYSTACK_ALLOC (yymsg_alloc);
if (!yymsg)
{
yymsg = yymsgbuf;
yymsg_alloc = sizeof yymsgbuf;
yysyntax_error_status = 2;
}
else
{
yysyntax_error_status = YYSYNTAX_ERROR;
yymsgp = yymsg;
}
}
yyerror (&yylloc, lexer, result, arg, yymsgp);
if (yysyntax_error_status == 2)
goto yyexhaustedlab;
}
# undef YYSYNTAX_ERROR

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#endif

yyerror_range[1] = yylloc;

if (yyerrstatus == 3)
{
  /* If just tried and failed to reuse lookahead token after an 
     error, discard it. */

  if (yychar <= YYEOF)
  {
    /* Return failure if at end of input. */
    if (yychar == YYEOF)
      YYABORT;
  }
  else
  {
    yydestruct("Error: discarding",
               yytoken, &yylval, &yylloc, lexer, result, arg);
    yychar = YYEMPTY;
  }
}

/* Else will try to reuse lookahead token after shifting the error 
   token. */
goto yyerrlab1;

/* -----------------------------------------------. 
 | yyerrorlab -- error raised explicitly by YYERROR. |
 '-----------------------------------------------*/

yyerrorlab:

/* Pacify compilers like GCC when the user code never invokes 
   YYERROR and the label yyerrorlab therefore never appears in user 
   code. */
if (!/*CONSTCOND*/ 0)
  goto yyerrorlab;

yyerror_range[1] = yylsp[1-yylen];
/* Do not reclaim the symbols of the rule whose action triggered 
   this YYERROR. */
YYPOPSTACK(yylen);
yylen = 0;
YY_STACK_PRINT(yyss, yyssp);
yystate = *yyssp;
goto yyerrlab1;
yyerrlab1:

yyerrstatus = 3;  /* Each real token shifted decrements this. */

for (; ;)
{
    yyn = yypact[yystate];
    if (!yypact_value_is_default (yyn))
    {
        yyn += YYERROR;
        if (0 <= yyn && yyn <= YYLAST && yycheck[yyn] == YYERROR)
        {
            yyn = yytable[yyn];
            if (0 < yyn)
                break;
        }
    }

    /* Pop the current state because it cannot handle the error token. */
    if (yyssp == yyss)
        YYABORT;

    yyerror_range[1] = *yylsp;
    yydestruct ("Error: popping",
        yystos[yystate], yyvsp, yylsp, lexer, result, arg);
    YYPOPSTACK (1);
    yystate = *yyssp;
    YY_STACK_PRINT (yyss, yyssp);
}

YY_IGNORE_MAYBE_UNINITIALIZED_BEGIN
*++yyvsp = yylval;
YY_IGNORE_MAYBE_UNINITIALIZED_END

yyerror_range[2] = yylloc;
/* Using YYLOC is tempting, but would change the location of
   the lookahead. YYLOC is available though. */
YYLOC_DEFAULT (yylloc, yyerror_range, 2);
*++yylsp = yylloc;

/* Shift the error token. */
YY_SYMBOL_PRINT ("Shifting", yystos[yyn], yyvsp, yylsp);

yystate = yyn;
goto yynewstate;

/*-------------------------------------
 | yyacceptlab -- YYACCEPT comes here. |
 '-------------------------------------*/
yyacceptlab:
 yyresult = 0;
 goto yyreturn;

/*-------------------------------------
 | yyabortlab -- YYABORT comes here. |
 '-------------------------------------*/
yyabortlab:
 yyresult = 1;
 goto yyreturn;

#if !defined yyoverflow || YYERROR_VERBOSE
/*-----------------------------------
 | yyexhaustedlab -- memory exhaustion comes here. |
 '-----------------------------------*/
yyexhaustedlab:
 yyerror (&yylloc, lexer, result, arg, YY_("memory exhausted"));
 yyresult = 2;
 /* Fall through. */
#endif

yyreturn:
 if (yychar != YYEMPTY)
 {
  /* Make sure we have latest lookahead translation. See comments at
   user semantic actions for why this is necessary. */
  yytoken = YYTRANSLATE (yychar);
  yydestruct ("Cleanup: discarding lookahead",
              yytoken, &yylval, &yylloc, lexer, result, arg);
 }
 /* Do not reclaim the symbols of the rule whose action triggered
 this YYABORT or YYACCEPT. */
 YYPOPSTACK (yylen);
 YY_STACK_PRINT (yyss, yyssp);
 while (yyssp != yyss)
 {
  yydestruct ("Cleanup: popping",
              yytoken, &yylval, yyssp, yylsp, lexer, result, arg);
  YYPOPSTACK (1);
 }
#endif yyoverflow

if (yyss != yyssa)
YYSTACK_FREE (yyss);
#endif
#if YYERROR_VERBOSE
if (yymsg != yymsgbuf)
    YYSTACK_FREE (yymsg);
#endif
return yyresult;
}
#line 1048 "lib/rewrite/rewrite-expr-grammar.y" /* yacc.c:1906 */

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file LGPL.txt

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General Public License as described in the file GPL.txt

FAQ:
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The questions and answers below try to summarize the intentions behind this
licensing scheme.

Q: Is it possible to create derived works of syslog-ng under the GPL/LGPL
licenses?

A: Yes, that's exactly the point of open source. Works derived from the
plugins will have to use the GPL license, but you can choose to use LGPL for
them as well.

Q: Do I need to sign a Contributory License Agreement in order for my
contribution to be accepted?

A: No, starting with syslog-ng 3.2, you don't need to sign a CLA in order to
have your contributions accepted.

Q: Is it possible to create non-free plugins for syslog-ng?

A: Yes. It is our understanding that plugins are derived works of the
syslog-ng core but not derived works of other plugins. Thus, non-free
plugins are possible, provided they do not link to any of the GPLd plugins
explicitly and the only connection between two plugins is via the syslog-ng
core.
Q: Who is permitted to create non-free plugins for syslog-ng? Is it just BalaBit (the current copyright holder as of the initial 3.2 release)?

A: No, everyone including BalaBit.

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on Sat, 03 Mar 2007 16:07:59 +0100

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1.69 u-boot 2013.01

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1.71 util-linux 2.26.2

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Initialize empty image

f1c9645dbc14efdce7da322685f26eb bsd.img
Create new DOS partition table

57e721e38d1266c2df055067c18f26f9 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device Boot Start   End Sectors Size Id Type
<removed>1       2048  4095    2048   1M 83 Linux

Create 2st primary partition

1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type

2d8e8ddf51a88a045db233418dd73fbc bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type
<removed>1 2048 4095 2048 1M 83 Linux
<removed>2 4096 20479 16384 8M a5 FreeBSD
-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout---------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
partitions: 4

Slice Start End Sectors Size Type Fsize Bsize Cpg
c 4096 20479 16384 8M unused  0  0  0
d  0 16064 16065 7.9M unused  0  0  0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout---------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
partitions: 4

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a      4096  6144    2049    1M 4.2BSD       0     0   0
  c      4096 20479   16384    8M unused       0     0   0
  d         0 16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-------------------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): 0 unused      5 4.1BSD       9 4.4LFS      d boot
  1 swap         6 Eighth Edition    a unknown      e ADOS
  2 Version 6    7 4.2BSD        b HPFS        f HFS
  3 Version 7    8 MS-DOS         c ISO-9660     10 AdvFS
  4 System V

Command (m for help):

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1.72 zlib 1.2.8

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.8, April 28th, 2013

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

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