

lk-changelog.pl 0.167

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/8272.html>

From: Matthias Andree (matthias.andree_at_gmx.de)

Date: 08/31/03

To: torvalds@osdl.org, marcelo@conectiva.com.br

Date: Sun, 31 Aug 2003 16:17:28 +0200 (CEST)

This is a semi-automatic announcement.

lk-changelog.pl aka. shortlog version 0.167 has been released.

This script is used by Linus and Marcelo to rearrange and reformat BK ChangeSet logs into a more human-readable format, and the official repository is [bk://kernel.bkbits.net/torvalds/tools/](http://kernel.bkbits.net/torvalds/tools/)

As the script has grown large, this mail only contains a diff against the last released version.

You can always download the full script and GPG signatures from <http://mandree.home.pages.de/linux/kernel/>

My thanks go to Vitezslav Samel who has spent a lot of time on digging out the real names for addresses sending in BK ChangeSets.

Note that your mailer must be MIME-capable to save this mail properly, because it is in the "quoted-printable" encoding.

=<- if you see just an equality sign, but no "3D", your mailer is fine.
=<- if you see 3D on this line, then upgrade your mailer or pipe this mail
=<- into metamail.

--

A sh script on behalf of Matthias Andree

Changes since last release:

revision 0.167

date: 2003/08/31 14:08:56; author: emma; state: Exp; lines: +16 -4

ADD: --selftest now checks for non-obfuscated addresses

FIX: 1 address (wasn't obfuscated)

REMOVE: 1 address (didn't contain domain part)

revision 0.166

date: 2003/08/31 14:05:04; author: emma; state: Exp; lines: +110 -10

SECURITY: fix obfuscation of unknown addresses in terse/online modes

ADD: Add 9 new addresses.

ADD: Implement --mode=fixup to postprocess this script's output,

replacing addresses by names (useful after updates of this script)

Linux-Kernel: lk-changelog.pl 0.167

DOC: add empty line before =head1 NAME to fix pod2html output.
DOC: document --mode options in man page.

```
-----
revision 0.165
date: 2003/08/29 11:56:43; author: vita; state: Exp; lines: +5 -1
1 new address
-----
revision 0.164
date: 2003/08/27 13:34:29; author: vita; state: Exp; lines: +5 -1
1 new address
-----
revision 0.163
date: 2003/08/26 10:09:13; author: vita; state: Exp; lines: +10 -3
4 new addresses; fix Bryan O'Sullivan's regexp
-----
revision 0.162
date: 2003/08/26 00:01:23; author: emma; state: Exp; lines: +5 -2
Fix typo in @addresses_handled_in_regexp, Bryan O'Sullivan's address got hosed.
-----
revision 0.161
date: 2003/08/25 23:56:43; author: emma; state: Exp; lines: +7 -2
Bryan O'Sullivan sent a notice about the other addresses he might be using.
-----
revision 0.160
date: 2003/08/24 10:47:13; author: emma; state: Exp; lines: +5 -1
Merge one mapping from Linus.
=====
Index: lk-changelog.pl
=====
RCS file: /var/CVS/lk-changelog/lk-changelog.pl,v
retrieving revision 0.160
retrieving revision 0.167
diff -u -r0.160 -r0.167
--- lk-changelog.pl      24 Aug 2003 10:47:13 -0000      0.160
+++ lk-changelog.pl      31 Aug 2003 14:08:56 -0000      0.167
@@ -8,7 +8,7 @@
#
#           Tomas Szepe <szepe@pinerecords.com>
#           Vitezslav Samel <samel@mail.cz>
#
-# $Id: lk-changelog.pl,v 0.160 2003/08/24 10:47:13 emma Exp $
+# $Id: lk-changelog.pl,v 0.167 2003/08/31 14:08:56 emma Exp $
# -----
# Distribution of this script is permitted under the terms of the
# GNU General Public License (GNU GPL) v2.
@@ -59,6 +59,9 @@
# customize the following line to change the indentation of the change
# lines, $indent1 is used for the first line of an entry, $indent for
# all subsequent lines. $indent is auto-generated from $indent1.
+#
+# WARNING: $indent1 and $indent MUST NOT contain characters that are
+# special in a regular expression!
my $indent1 = " o ";
my $indent  = " " x length($indent1);
# change this to enable some debugging stuff:
@@ -68,6 +71,7 @@
# Perl syntax magic here, "=>" is equivalent to "=",
my @addrregexps = (
[ 'alan@[^.]+\swansea\.linux\.org\.uk' => 'Alan Cox', ],
+ [ 'bos@[^.]+\.)?serpentine\.com' => 'Bryan O\'Sullivan', ],
[ 'davem@[^.]+\ninka\.net' => 'David S. Miller', ],
[ 'kuznet@[^.]+\inr\.ac\.ru' => 'Alexey Kuznetsov', ],
[ 'torvalds@[^.]+\.)?transmeta\.com' => 'Linus Torvalds', ],
```

Linux-Kernel: lk-changelog.pl 0.167

```
@@ -94,6 +98,8 @@
my @addresses_handled_in_regex = (
  'alan:hraefn.swansea.linux.org.uk' => 'Alan Cox',
  'alan:irongate.swansea.linux.org.uk' => 'Alan Cox',
+ 'bos:camp4.serpentine.com' => 'Bryan O\'Sullivan',
+ 'bos:serpentine.com' => 'Bryan O\'Sullivan',
  'davem:cheetah.ninka.net' => 'David S. Miller',
  'davem:nuts.ninka.net' => 'David S. Miller',
  'davem:pizda.ninka.net' => 'David S. Miller', # guessed
@@ -178,6 +184,7 @@
  'alfre:ibd.es' => 'Alfredo Sanjuán',
  'ambxl:com.rmk.(none)' => 'Adam Belay',
  'ambxl:neo.rr.com' => 'Adam Belay',
+ 'amir.noam:intel.com' => 'Amir Noam',
  'amunoz:vmware.com' => 'Alberto Munoz',
  'andersen:codepoet.org' => 'Erik Andersen',
  'andersg:0x63.nu' => 'Anders Gustafsson',
@@ -255,7 +262,6 @@
  'bmatheny:purdue.edu' => 'Blake Matheny', # google
  'bombe:informatik.tu-muenchen.de' => 'Andreas Bombe',
  'borisitk:fortunet.com' => 'Boris Itkis', # by Kristian Peters
- 'bos:camp4.serpentine.com' => 'Bryan O\'Sullivan',
  'braam:clusterfs.com' => 'Peter Braam',
  'brett:bad-sports.com' => 'Brett Pemberton',
  'brihall:pcisys.net' => 'Brian Hall', # google
@@ -324,6 +330,7 @@
  'ctindel:cup.hp.com' => 'Chad N. Tindel',
  'cubic:miee.ru' => 'Ruslan U. Zakirov',
  'cw:f00f.org' => 'Chris Wedgwood',
+ 'cw:sgi.com' => 'Chris Wedgwood',
  'cweidema:indiana.edu' => 'Christoph Weidemann',
  'cwf:sgi.com' => 'Charles Fumuso',
  'cyeoh:samba.org' => 'Christopher Yeoh',
@@ -465,6 +472,7 @@
  'fubar:us.ibm.com' => 'Jay Vosburgh',
  'fw:deneb.enyo.de' => 'Florian Weimer', # lldb
  'fzago:austin.rr.com' => 'Frank Zago', # google
+ 'gaa:ulticom.com' => 'Gary Algier', # google
  'ganadist:nakyup.mizi.com' => 'Cha Young-Ho',
  'gandalf:netfilter.org' => 'Martin Josefsson',
  'gandalf:wlug.westbo.se' => 'Martin Josefsson',
@@ -547,6 +555,7 @@
  'ianw:gelato.unsw.edu.au' => 'Ian Wienand', # lldb
  'ica2_ts:csv.ica.uni-stuttgart.de' => 'Thiemo Seufer', # google
  'ilmari:ilmari.org' => 'Dagfinn Ilmari Mannsåker',
+ 'inaky.perez-gonzalez:intel.com' => 'Iñaky Pérez-González', # LK 20030829
  'info:usblcd.de' => 'Adams IT Services',
  'ink:jurassic.park.msu.ru' => 'Ivan Kokshaysky',
  'ink:ru.rmk.(none)' => 'Ivan Kokshaysky',
@@ -593,6 +602,7 @@
  'jbourne:hardrock.org' => 'James Bourne',
  'jcdutton:users.sourceforge.net' => 'James Courtier-Dutton',
  'jdavid:farfalle.com' => 'David Ruggiero',
+ 'jdewand:redhat.com' => 'Julie DeWandel',
  'jdike:jdike.wstearns.org' => 'Jeff Dike',
  'jdike:karaya.com' => 'Jeff Dike',
  'jdike:uml.karaya.com' => 'Jeff Dike',
@@ -781,6 +791,7 @@
  'mac:melware.de' => 'Armin Schindler',
  'macro:ds2.pg.gda.pl' => 'Maciej W. Rozycki',
  'makisara:abies.metla.fi' => 'Kai Makisara',
+ 'malte.d:gmx.net' => 'Malte Doersam', # google
```

Linux-Kernel: lk-changelog.pl 0.167

```
'manand:us.ibm.com' => 'Mala Anand',
'maneesh:in.ibm.com' => 'Maneesh Soni',
'manfred:colorfullife.com' => 'Manfred Spraul',
@@ -809,6 +820,7 @@
'martin:bruli.net' => 'Martin Brulisauer',
'martin:mdiehl.de' => 'Martin Diehl',
'martin:meltin.net' => 'Martin Schwenke',
+'masanari.iida:hp.com' => 'Masanari Iida', # lldb
'mashirle:us.ibm.com' => 'Shirley Ma',
'mason:suse.com' => 'Chris Mason',
'mathieu:newview.com' => 'Mathieu Chouquet-Stringer',
@@ -862,6 +874,7 @@
'mlang:delysid.org' => 'Mario Lang', # google
'mlindner:syskonnnect.de' => 'Mirko Lindner',
'mlocke:mvista.com' => 'Montavista Software, Inc.',
+'mmagallo:debian.org' => 'Marcelo E. Magallon',
'mmcclell:bigfoot.com' => 'Mark McClelland',
'mochel:geena.pdx.osdl.net' => 'Patrick Mochel',
'mochel:osdl.org' => 'Patrick Mochel',
@@ -872,6 +885,7 @@
'mostrows:speakeasy.net' => 'Michal Ostrowski',
'mostrows:watson.ibm.com' => 'Michal Ostrowski',
'mporter:cox.net' => 'Matt Porter',
+'mporter:kernel.crashing.org' => 'Matt Porter',
'mrr:nexthop.com' => 'Mathew Richardson',
'msdemlei:cl.uni-heidelberg.de' => 'Markus Demleitner',
'msw:redhat.com' => 'Matt Wilson',
@@ -903,10 +917,10 @@
'nmiell:attbi.com' => 'Nicholas Miell',
'nobita:t-online.de' => 'Andreas Busch',
'nstraz:sgi.com' => 'Nathan Straz',
+'ntfs:flatcap.org' => 'Richard Russon', # lldb
'okir:suse.de' => 'Olaf Kirch', # lldb
'okurth:gmh.net' => 'Oliver Kurth',
'olaf.dietsche#list.linux-kernel:t-online.de' => 'Olaf Dietsche',
-'olaf.dietsche' => 'Olaf Dietsche',
'oleg:tv-sign.ru' => 'Oleg Nesterov',
'olh:suse.de' => 'Olaf Hering',
'oliendm:us.ibm.com' => 'Dave Olien',
@@ -992,7 +1006,7 @@
'quinlan:transmeta.com' => 'Daniel Quinlan',
'quintela:mandrakesoft.com' => 'Juan Quintela',
'r.a.mercer:blueyonder.co.uk' => 'Adam Mercer',
-'r.e.wolff:bitwizard.nl' => 'Rogier Wolff', # lldbq
+'r.e.wolff:bitwizard.nl' => 'Rogier Wolff', # lldb
'ralf:dea.linux-mips.net' => 'Ralf Bächle',
'ralf:linux-mips.org' => 'Ralf Bächle',
'ralphs:org.rmk.(none)' => 'Ralph Siemsen',
@@ -1059,6 +1073,7 @@
'rth:twiddle.net' => 'Richard Henderson',
'rth:vsop.sfbay.redhat.com' => 'Richard Henderson',
'rui.sousa:laposte.net' => 'Rui Sousa',
+'russell_d_cagle:mindspring.com' => 'Russell Cagle', # google
'rusty:linux.co.intel.com' => 'Rusty Lynch',
'rusty:rustcorp.com.au' => 'Rusty Russell',
'rvinson:mvista.com' => 'Randy Vinson',
@@ -1103,6 +1118,7 @@
'shmulik.hen:intel.com' => 'Shmulik Hen',
'silicon:falcon.sch.bme.hu' => 'Szilárd Pásztor', # google
'simonb:lipsyncpost.co.uk' => 'Simon Burley',
+'skewer:terra.com.br' => 'Marcelo Abreu',
'skip.ford:verizon.net' => 'Skip Ford',
```

Linux-Kernel: lk-changelog.pl 0.167

```

'skyrelighten@yahoo.co.kr' => 'Donggyoo Lee',
'sl:lineo.com' => 'Stuart Lynne',
@@ -1140,6 +1156,7 @@
'steve:chygwyn.com' => 'Steven Whitehouse',
'steve:gw.chygwyn.com' => 'Steven Whitehouse',
'steve:kbuxd.necst.nec.co.jp' => 'Steve Baur',
+'steved:redhat.com' => 'Steve Dickson',
'stevef:linux.local' => 'Steve French', # guessed
'stevef:smfhomel.austin.rr.com' => 'Steve French',
'stevef:stevef95.austin.ibm.com' => 'Steve French',
@@ -1174,6 +1191,7 @@
'thockin:sun.com' => 'Tim Hockin',
'thomas:bender.thinknerd.de' => 'Thomas Walpuski',
'thomas:osterried.de' => 'Thomas Osterried',
+'thomas:winishchofer.net' => 'Thomas Winischhofer', # whois
'thomr9am:ss1000.ms.mff.cuni.cz' => 'Rudo Thomas',
'thornber:sistina.com' => 'Joe Thornber',
'thunder:ngforever.de' => 'Thunder From The Hill',
@@ -1219,6 +1237,7 @@
'viro:math.psu.edu' => 'Alexander Viro',
'viro:parcellfarce.linux.theplanet.co.uk' => 'Alexander Viro',
'viro:www.linux.org.uk' => 'Alexander Viro',
+'vmlinuz386@yahoo.com.ar' => 'Gerardo Exequiel Pozzi', # lldb
'vnourval:tcs.hut.fi' => 'Ville Nuorvala', # Can't spell his own login?
'vnuorval:tcs.hut.fi' => 'Ville Nuorvala',
'vojta:math.berkeley.edu' => 'Paul Vojta',
@@ -1261,6 +1280,7 @@
'wstinson:wanadoo.fr' => 'William Stinson',
'xavier.bru:bull.net' => 'Xavier Bru',
'xkaspaspa06:stud.fee.vutbr.cz' => 'Tomas Kasperek',
+'xose:wanadoo.es' => 'Xose Vazquez Perez', # lldb
'ya:slamail.org' => 'Yaacov Akiba Slama',
'yinah:couragetech.com.cn' => 'Yin Aihua',
'yokota:netlab.is.tsukuba.ac.jp' => 'Yokota Hiroshi',
@@ -1278,7 +1298,7 @@
'zwane:linux.realnet.co.sz' => 'Zwane Mwaikambo',
'zwane:linuxpower.ca' => 'Zwane Mwaikambo',
'zwane:mwaikambo.name' => 'Zwane Mwaikambo',
- '~~~~~~thisentrylastforconvenience~~~~~' => 'Cesar Brutus Anonymous'
+ '~~~~~~thisentrylast:forconvenience~~~~~' => 'Cesar Brutus Anonymous'
);

sub doprint(\%@ ); # forward declaration
@@ -1290,6 +1310,7 @@
# BK_USER,BK_HOST tuple
sub rmap_address($) {
    my $in = shift;
+    confess "empty string passed to rmap_address" unless $in;
    my $key = lc $in;
    # try hash lookup first, return result if any
    if (defined $addresses{obfuscate $key}) {
@@ -1341,13 +1362,20 @@
    my %table =
    (
        'oneline' => { 'index' => \&get_name,
-            'print' => \&print_oneline },
+            'print' => \&print_oneline,
+            'parse' => \&parse_file },
        'terse' => { 'index' => \&get_name,
-            'print' => \&print_terse },
+            'print' => \&print_terse,
+            'parse' => \&parse_file },
    );

```

```

-   'grouped' => { 'index' => \&get_author,
+               'print' => \&print_grouped },
+               'print' => \&print_grouped,
+               'parse' => \&parse_file },
-   'full'     => { 'index' => \&get_author,
+               'print' => \&print_full }
+               'print' => \&print_full,
+               'parse' => \&parse_file },
+   'fixup'    => { 'index' => sub { },
+               'print' => sub { },
+               'parse' => \&fixup_file }
    );

# temp store
@@ -1576,6 +1604,57 @@
    return join(" ", @a);
}

+sub fixup_file(\%$$ ) {
+# arguments: %log hash
+#           file name
+#           file handle (IO::Handle or IO::File)
+ croak unless wantarray;
+ my $log = shift;
+ my $fn = shift;
+ my $fh = shift;
+ my $nre = '\S+[:@]\S+';
+
+ while($_ = $fh -> getline) {
+   chomp;
+   # grouped/full mode
+   if (/^<($nre)>:$/) {
+     my $a = $1;
+     if ($a =~ /:\/) { $a = unveil($a); }
+     my $name = rmap_address($a);
+     if ($name ne $a) { # found name
+       print "$name:\n";
+     } else {
+       print "$_\n";
+     }
+     next;
+   }
+   # oneline/terse mode, unswapped
+   if (/^s+\\($nre\\)$/) {
+     my $a = $1;
+     if ($a =~ /:\/) { $a = unveil($a); }
+     my $name = rmap_address($a);
+     if ($name ne $a) { # found name
+       s/\\($nre\\)$/$name/;
+     }
+     print "$_\n";
+     next;
+   }
+   # oneline/terse mode, swapped
+   if (/^$indent1($nre): /) {
+     my $a = $1;
+     if ($a =~ /:\/) { $a = unveil($a); }
+     my $name = rmap_address($a);
+     if ($name ne $a) { # found name
+       s/^$indent1$nre:/$indent1$name:/;
+     }
+     print "$_\n";
  }
}

```

```

+     next;
+   }
+   print "$_\n";
+ }
+ return ();
+}
+
# Read a file and parse it into the %log hash.
sub parse_file(\%$$ ) {
# arguments: %log hash
@@ -1641,7 +1720,9 @@
    } else {
        $author = $name . ' <' . $address . '>';
    }
-   } else {
+   } else { # $havename
+   # must obfuscate name since it contains an address still
+   $name = obfuscate $name;
+   $author = '<' . $address . '>';
    }
    $first = 1;
@@ -1704,6 +1785,11 @@

sub selftest() {
my $src = 0;
+   foreach my $i (keys %addresses) {
+   if ($i eq unveil $i) {
+       print STDERR "Warning: address '$i' is not obfuscated!\n";
+   }
+   }
    foreach my $address (unveil keys %addresses) {
        foreach my $ar (@addrregexps) {
            if ($address =~ m/$ar->[0]/) {
@@ -1797,7 +1883,8 @@
sub doprint(\%@ ) {
my $log = shift;
print join("\n", @_), "\n" or write_error();
- $stable{$opt{mode}}->{print}->($log);
+ my $f_print = $stable{$opt{mode}}->{'print'};
+ if (defined $f_print) { &$f_print($log); }
}

# -----
@@ -1835,7 +1922,7 @@
my $fh = new IO::File;
$fh->open($fn, "r")
    or die "cannot open \"$fn\": $!\nAborting";
-   push @prolog, parse_file(%log, $fn, $fh);
+   push @prolog, &{$stable{$opt{'mode'}}->{'parse'}}(\%log, $fn, $fh);
+   if (not $opt{merge}) {
+       doprint(%log, @prolog);
+       undef %log;
@@ -1852,7 +1939,7 @@
my $fh = new IO::Handle;
$fh->fdopen(fileno(STDIN), "r")
    or die "cannot open stdin: $!\nAborting";
-   @prolog = parse_file(%log, "stdin", $fh);
+   @prolog = &{$stable{$opt{'mode'}}->{'parse'}}(\%log, "stdin", $fh);
+   doprint(%log, @prolog);
}

@@ -1869,6 +1956,34 @@

```

Linux-Kernel: lk-changelog.pl 0.167

```
__END__
# -----
# $Log: lk-changelog.pl,v $
+# Revision 0.167  2003/08/31 14:08:56  emma
+# ADD: --selftest now checks for non-obfuscated addresses
+# FIX: 1 address (wasn't obfuscated)
+# REMOVE: 1 address (didn't contain domain part)
+#
+# Revision 0.166  2003/08/31 14:05:04  emma
+# SECURITY: fix obfuscation of unknown addresses in terse/online modes
+# ADD: Add 9 new addresses.
+# ADD: Implement --mode=fixup to postprocess this script's output,
+#       replacing addresses by names (useful after updates of this script)
+# DOC: add empty line before =head1 NAME to fix pod2html output.
+# DOC: document --mode options in man page.
+#
+# Revision 0.165  2003/08/29 11:56:43  vita
+# 1 new address
+#
+# Revision 0.164  2003/08/27 13:34:29  vita
+# 1 new address
+#
+# Revision 0.163  2003/08/26 10:09:13  vita
+# 4 new addresses; fix Bryan O'Sullivan's regexp
+#
+# Revision 0.162  2003/08/26 00:01:23  emma
+# Fix typo in @addresses_handled_in_regexp, Bryan O'Sullivan's address got hosed.
+#
+# Revision 0.161  2003/08/25 23:56:43  emma
+# Bryan O'Sullivan sent a notice about the other addresses he might be using.
+#
# Revision 0.160  2003/08/24 10:47:13  emma
# Merge one mapping from Linus.
#
@@ -2415,6 +2530,7 @@
# Only consider e-mail addresses that are left-justified.
# Suggested by Greg Kroah-Hartman <greg@kroah.com>.
#
+
=head1 NAME

lk-changelog.pl - Reformat BitKeeper ChangeLog for Linux Kernel
@@ -2461,6 +2577,27 @@
=head1 DESCRIPTION

Summarizes or reformats BitKeeper ChangeLogs for Linux Kernel 2.X.
+
+--mode options are:
+
+=over
+
+=item oneline - a one-line-per-change format (supports --swap)
+
+=item terse - a shortened one-paragraph-per-change format (supports --swap)
+
+=item ordered - shortened changes grouped by sorted author
+
+=item full - full changes grouped by sorted author
+
+=item fixup - a special mode (since 0.166)
+
+This mode replaces addresses by names if the addresses are known. Useful
```

Linux-Kernel: lk-changelog.pl 0.167

+to postprocess this script's output after new addresses have been added.
+Besides addresses that are replaced by names, the output is the verbatim
+input. No ordering or grouping takes place.
+
+=back

=head1 ENVIRONMENT

-

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
the body of a message to majordomo@vger.kernel.org
More majordomo info at <http://vger.kernel.org/majordomo-info.html>
Please read the FAQ at <http://www.tux.org/lkml/>