

# BK-kernel-tools/shortlog update

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/8269.html>

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**From:** Matthias Andree ([matthias.andree\\_at\\_gmx.de](mailto:matthias.andree_at_gmx.de))

**Date:** 08/31/03

To: [torvalds@osdl.org](mailto:torvalds@osdl.org)

Date: Sun, 31 Aug 2003 16:16:06 +0200 (CEST)

Hello Linus,

you can either use "bk receive" to patch with this mail,  
or you can pull from <bk://krusty.dt.e-technik.uni-dortmund.de> (NOTE: no trailing slash) or in cases of dire need, you can apply the patch below.

BK: Parent repository is <bk://kernel.bkbits.net/torvalds/tools/>

Marcelo, please update!

Patch description:

SECURITY: (information leak)

fix obfuscation of unknown addresses in terse/online modes

ADD: Implement `--mode=fixup` to postprocess this script's output,  
replacing addresses by names (useful after updates of this script)

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

ADD: Add 9 new addresses.

FIX: 1 address (wasn't obfuscated)

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

DOC: add empty line before `=head1 NAME` to fix pod2html output.

DOC: document `--mode` options in man page.

Matthias

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##### DIFFSTAT #####

# shortlog | 138 ++++++

# 1 files changed, 126 insertions(+), 12 deletions(-)

##### GNUPATCH #####

# This is a BitKeeper generated patch for the following project:

# Project Name: BK kernel tools

# This patch format is intended for GNU patch command version 2.5 or higher.

# This patch includes the following deltas:

# ChangeSet 1.81 -> 1.82

# shortlog 1.54 -> 1.55

## Linux-Kernel: BK-kernel-tools/shortlog update

```
#
# The following is the BitKeeper ChangeSet Log
# -----
# 03/08/31 matthias.andree@gmx.de 1.82
# SECURITY: (information leak)
# fix obfuscation of unknown addresses in terse/online modes
# ADD: Implement --mode=fixup to postprocess this script's output,
# replacing addresses by names (useful after updates of this script)
# ADD: --selftest now checks for non-obfuscated addresses
# ADD: Add 9 new addresses.
# FIX: 1 address (wasn't obfuscated)
# REMOVE: 1 address (didn't contain domain part)
# DOC: add empty line before =head1 NAME to fix pod2html output.
# DOC: document --mode options in man page.
# -----
#
diff -Nru a/shortlog b/shortlog
--- a/shortlog Sun Aug 31 16:16:05 2003
+++ b/shortlog Sun Aug 31 16:16:05 2003
@@ -8,7 +8,7 @@
# Tomas Szepe <szepe@pinerecords.com>
# Vitezslav Samel <samel@mail.cz>
#
-# $Id: lk-changelog.pl,v 0.165 2003/08/29 11:56:43 vita 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:
@@ -469,6 +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',
@@ -551,6 +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
```

## Linux-Kernel: BK-kernel-tools/shortlog update

'info:usblcd.de' => 'Adams IT Services',  
'ink:jurassic.park.msu.ru' => 'Ivan Kokshaysky',  
'ink:ru.rm.k.(none)' => 'Ivan Kokshaysky',  
@@ -786,6 +791,7 @@  
'mac:melware.de' => 'Armin Schindler',  
'macro:ds2.pg.gda.pl' => 'Maciej W. Rozycki',  
'makisara:abies.metla.fi' => 'Kai Makisara',  
+ 'malte.d:gm.x.net' => 'Malte Doersam', # google  
'manand:us.ibm.com' => 'Mala Anand',  
'maneesh:in.ibm.com' => 'Maneesh Soni',  
'manfred:colorfullife.com' => 'Manfred Spraul',  
@@ -814,6 +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',  
@@ -878,6 +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',  
@@ -909,10 +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:gm.x.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',  
@@ -998,7 +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.rm.k.(none)' => 'Ralph Siemsen',  
@@ -1065,6 +1073,7 @@  
'rth:twiddle.net' => 'Richard Henderson',  
'rth:vsop.sfbay.redhat.com' => 'Richard Henderson',

## Linux-Kernel: BK-kernel-tools/shortlog update

```
'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',
@@ -1182,6 +1191,7 @@
'thockin:sun.com' => 'Tim Hockin',
'thomas:bender.thinknerd.de' => 'Thomas Walpuski',
'thomas:osterried.de' => 'Thomas Osterried',
+thomas:winischhofer.net' => 'Thomas Winischhofer', # whois
'thomr9am:ss1000.ms.mff.cuni.cz' => 'Rudo Thomas',
'thornber:sistina.com' => 'Joe Thornber',
'thunder:ngforever.de' => 'Thunder From The Hill',
@@ -1227,6 +1237,7 @@
'viro:math.psu.edu' => 'Alexander Viro',
'viro:parcelfarce.linux.theplanet.co.uk' => 'Alexander Viro',
'viro:www.linux.org.uk' => 'Alexander Viro',
+vmlinux386:yahoo.com.ar' => 'Gerardo Exequiel Pozzi', # lddb
'vnuorval:tcs.hut.fi' => 'Ville Nuorvala', # Can't spell his own login?
'vnuorval:tcs.hut.fi' => 'Ville Nuorvala',
'vojta:math.berkeley.edu' => 'Paul Vojta',
@@ -1269,6 +1280,7 @@
'wstinson:wanadoo.fr' => 'William Stinson',
'xavier.bru:bull.net' => 'Xavier Bru',
'xkaspas06:stud.fee.vutbr.cz' => 'Tomas Kasperek',
+xose:wanadoo.es' => 'Xose Vazquez Perez', # lddb
'ya:slamail.org' => 'Yaacov Akiba Slama',
'yinah:couragetech.com.cn' => 'Yin Aihua',
'yokota:netlab.is.tsukuba.ac.jp' => 'Yokota Hiroshi',
@@ -1286,7 +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
@@ -1298,6 +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}) {
@@ -1349,13 +1362,20 @@
my %table =
(
    'online' => { 'index' => \&get_name,
- 'print' => \&print_online },
```

```

+ '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
@@ -1584,6 +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
@@ -1649,7 +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;
@@ -1712,6 +1785,11 @@

sub selftest() {
    my $rc = 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 $ar (@addrregexprs) {
            if ($address =~ m/$ar->[0]/) {
@@ -1805,7 +1883,8 @@

```

## Linux-Kernel: BK-kernel-tools/shortlog update

```
sub doprint(\%@ ) {
    my $log = shift;
    print join("\n", @_, "\n" or write_error());
- $table{$sopt{mode}}->{print}->($log);
+ my $f_print = $table{$sopt{mode}}->{'print'};
+ if (defined $f_print) { &$f_print($log); }
}

# -----
@@ -1843,7 +1922,7 @@
    my $fh = new IO::File;
    $fh->open($fn, "r")
        or die "cannot open \"$fn\": $!\nAborting";
- push @prolog, parse_file(%log, $fn, $fh);
+ push @prolog, &{$table{$sopt{'mode'}}->{'parse'}}(\%log, $fn, $fh);
    if (not $sopt{merge}) {
        doprint(%log, @prolog);
        undef %log;
@@ -1860,7 +1939,7 @@
    my $fh = new IO::Handle;
    $fh->fdopen(fileno(STDIN), "r")
        or die "cannot open stdin: $!\nAborting";
- @prolog = parse_file(%log, "stdin", $fh);
+ @prolog = &{$table{$sopt{'mode'}}->{'parse'}}(\%log, "stdin", $fh);
    doprint(%log, @prolog);
}

@@ -1877,6 +1956,19 @@
__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
#
@@ -2438,6 +2530,7 @@
# Only consider e-mail addresses that are left-justified.
# Suggested by Greg Kroah-Hartman <greg@kroah.com>.
#
```

## Linux–Kernel: BK–kernel–tools/shortlog update

+

=head1 NAME

lk–changelog.pl – Reformat BitKeeper ChangeLog for Linux Kernel

@@ –2484,6 +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

+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

##### BKPATCH #####

This BitKeeper patch contains the following changesets:

1.82

## Wrapped with gzip\_uu ##

```
M'XL( "4#4C\ ^U9;7/;-A+^;/Z*K>5$\L2B2.J=/F?B6&ZJ2?,RBM/TYGSU
M0"OD84P2#$$%:EFWUO][^WC_X'9!4I*5Y.HTO9E^J.PQ2.SBP6*QKW(%WBN>
MN#LA2].98,IDD9]P;E3@!ZE2=V<:7IL^O8ZDQ->&RA1O7/(DXD'C^4O\K><O
M]53*0!G(^):EW@RN>*+<'=MLKF;21<S=G='IB_<_'H\,X^@(3F8LFO)W/(6C
M(R.5R14+?/4LYM$T$Y&9)BQ2(4^9Z<GP;L5[YUB6@S^VT[0Z[?Z=T^^TVW?<
MX>VVU[+9N-OK<L\QML[S+#_'?9BFU7/ZMM/N-^T[Q+;/Q@!LL^> U6Q8O4;3
M!KOCVBVWU7]B.:YEP>=!X8D-=<MX#G_P$4X,#]Z=GKP?#<_^[D)-!!.9H 1"
M1A!P=KF/Y!V B;@&.9YDRLM)<@)9=!G)>03,1RF5X@I$!"E">]&](O"H1<0BE
MSQ4""\&+@S#.. ACU*HUXEPA)A9C,>!&&T@3J2*( G5Z"1,1I58',TCA+
M#Q!"?Q(>!P3T71CT_$(A;B0PUM9I(%P"8H!&2QSU*<14$W(/=+8>IUQ0-D
M5"G@(<";<>]2 1X=7Z-Z>5+NKS<J5Q[[/O0AXO,UR43:;].?7;#+:C-F8JJ
M*:R1:.O1Z:LW/YW>X_.%3WR>C%*&^O-E2$,$BWKX,V)2[S PSA=@%:JF*.8
M'(YFG/DVO#Y^=4HZI N*I>_,TC HU&:6 +[TL@W% @XSI#O5]A8PVFW+3> EH
```

Linux-Kernel: BK-kernel-tools/shortlog update

MFRWC[=I?C/I7?@S#8I;Q=&VA,QGR+?-4,YFD@9SFUMFV>U:WU;5[=TV[VV\_?  
M37B?3;RNU6<6]]G8\_X(OW\$-!\_VK:=LMNM7IWK8[M=+77EQSWG/Z;Y?F2PV\_)  
M4\_B[A2A6NZO]O=W^Q-][O^7O3@?JMO.7R\_\_E\O\OE\\_Y0W4D\_DU\_=:O,0"4  
MQOP[\_]@HW4;0\_VW GM#WX7@LNYI^T1\$,PX.KL R[4X7R%-\*?VBY5L]M=#(  
M(8/3ZQCVC&"!LSJB/+A>/1Z^/J%"WLB\O%(J,G(+U\_@U?MW9\_#ZS=E\*G;A9  
MPCPR2K0"E@)+J\*Y0,?<\$"C\#&UJF@4L 7X=TXV@8KXSANCU\*1URIB;!:E  
MOR+?JL+14ZB^8,D"CH.IX\$GU "HPE7(:<&/8;C=IC8C8Y<\*,><)OZE,9W;"  
MW[@B2GFPAAC^!WG@[;^)YP7R\_ MY--:/+Z\$,&L:PV^L18,B"E)N^2Y\$@XFF.  
M\ (HF82#Q9"R)T;/[N2K%(M8(DPA?.;,XO7FKPH\*#)&BEP9C?XP+>Y9>&..%  
M8WF6UUBFES U0X\S93(MUZ<IO-5,U0-CV-?W6XW2B7(G 99=+%[SC@3=@ ^C  
M3"D9K3<;].TVKAK8EI7;2#Y6\$Y.;<QE,)NY8I'-Q@VO-\*"BP)\*D</A!Y0VS;  
M0ONAI;@%#X(+\_)CJ @W1)M0<4\*BKXX^RGG@A#CN:<VV>RU"23\$K.,7.1224  
M-YO)"4\_62C\_31/BP0=0@YD4"C\$<IT\85R'Z:7;3[7<!9M)2?N;+"FLAR=X  
M\*(F&S3]F@ @>HR9L;L7D>)[>]:ZFX.>;\A&!JWSUSS@)/[&;CQF\_@;=D8QLZ  
MM9U>7RLS'ZN\_Z@]%/\_2-9!\$P+\*XQ=\*!O7/!(,CCFB%'N\$\*G>!YDJ69@F,,  
M@HM09JJ\*:\$V+[(+"ZZ<4-#;S.:12DF[&#Y0J3[(,P;\441V78Q/P3\$C+YY  
MB+(UVXZ6C4;'V,&44J7+R35[\_E@\_7Q1YXZ"@,(PE)9V>+R8BX+ \T""M J[U  
M93B=C!X\$SUBG .E\&FR8RB[G\_(+A>=>#]I?@,%,%OXF%.J\_J+%G%)Z3?0I4B  
MW;5F5MD8)Y8^VSMLS6^ :Z@"".5K]SK0M@WB7U-JYX\_V]F ?;C%.LF2\X9R  
MX1%53S,,!3B]=%8E'X\_XUQWL>A-GSCNC\_DSYA>Z>U)].\_CX;Q\$LLO23M#4  
M4Y8D;&(E' !>[I>P\_PC)FDY-8D^F9EMST24&Z%Z\_N]/JQG\_\2A>FB<(VT^  
MH]/M72"15M6?PI2G9&UT5FW=Z-WQH7[\$N]#?=H.N29<Q>EY,H-;XY6UVF3\_  
MJ;O7\*-?F6S/"M@^+&6\*FJ5^AX1)C3L\_0^42 A/U#O(3U6E(BDC==2#-M@FD>  
MK !P'N\$J6\*YDF/RT^G?T\_<.NYG'/H]JURX1)X@#C=LUQL4DMQHA?I\_G<LE!  
MX8H-[4-: P<HNYJS&-6R5L:Y>G)>R\_5QOO]GTH=JG&NQ2"K-V-@^?T\3 ]  
M?\*\*\*%7\I]->\$"W\J1:RD(^<QOJ-3.5WJ66;AV83GF9)!#64;(D.-[ [1<2G  
ML;EEC2CCWHQA&M(B5B#,U\$:MK"4)3!#@5C5Q@I+O57=K%(1!,9.J9WU4CUS  
MB-MV[19&7QV-L%QFWDQK4T#MDB\4/H5[W13.UJ+ OC'XAJ04<^O#\_ON;' Z  
M&L'N!Y9\$F/7<E235/5\$%;# BN5GM?Z<UL[,LE#; 5C)"/C0Z9?"ZR+'1.(V  
M#OCME;FMV1CRV7]Z6T1TY>D81+0YQ.T1'^UCN[Z<?E2HWBI30?W:N7Y+!\_U  
M&3(U@V?88R'3 3R^W=RO2AM6BQUUME@N,0MH3HRX]&>V3RF\UVGFL'J\$\$@\_@  
M?SC@KDI]\$>V6H C6Q5J%OK\$;2M!U7?1\$7RV)= ] ?+^WA:N\I VK?\*U;5IE  
M6\_K.)]\*W7:NUDG[=:7]+5UWY^UHY=L[[B\*?\_P\$==^5;N]C\*5W2Q%6/HM%I4  
ML)[3\$U8X#CUN+<\$VT,79(WG%\$QI%RL,RTD,=FT)\KM-+'NXHF.%\_L1J\*DL  
MIA9)D0%B(MA?>OI@I;KIIF3KQ(06@F);BR>?16:3'RL[WW\$6Z/E:U59G=!-  
M\*\*\*AC6?8N:S/HLN6>CX\?)&V#BU\_T2!KI=7R0\*P-F\0[H\O5E-PX\$/HSMB'(  
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