NAME

perlhist - the Perl history records

DESCRIPTION

This document aims to record the Perl source code releases.

INTRODUCTION

Perl history in brief, by Larry Wall:

```
Perl 0 introduced Perl to my officemates.
Perl 1 introduced Perl to the world, and changed /\(...\|...\)/ to
    /(...|...)/.  \(Dan Faigin still hasn't forgiven me. :-\)
Perl 2 introduced Henry Spencer's regular expression package.
Perl 3 introduced the ability to handle binary data (embedded nulls).
Perl 4 introduced the first Camel book.  Really.  We mostly just
    switched version numbers so the book could refer to 4.000.
Perl 5 introduced everything else, including the ability to
    introduce everything else.
```

THE KEEPERS OF THE PUMPKIN

Larry Wall, Andy Dougherty, Tom Christiansen, Charles Bailey, Nick Ing-Simmons, Chip Salzenberg, Tim Bunce, Malcolm Beattie, Gurusamy Sarathy, Graham Barr, Jarkko Hietaniemi, Hugo van der Sanden, Michael Schwern, Rafael Garcia-Suarez, Nicholas Clark, Richard Clamp, Leon Brocard, Dave Mitchell, Jesse Vincent, Ricardo Signes, Steve Hay.

PUMPKIN?

[from Porting/pumpkin.pod in the Perl source code distribution]

Chip Salzenberg gets credit for that, with a nod to his cow orker, David Croy. We had passed around various names (baton, token, hot potato) but none caught on. Then, Chip asked:

[begin quote]

```
Who has the patch pumpkin?
```

To explain: David Croy once told me once that at a previous job, there was one tape drive and multiple systems that used it for backups. But instead of some high-tech exclusion software, they used a low-tech method to prevent multiple simultaneous backups: a stuffed pumpkin. No one was allowed to make backups unless they had the "backup pumpkin".

[end quote]

The name has stuck. The holder of the pumpkin is sometimes called the pumpking (keeping the source afloat?) or the pumpkineer (pulling the strings?).

THE RECORDS

Pump-king	Release	Date	Notes (by no means comprehensive, see Changes* for details)
==
Larry	0	Classified.	Don't ask.
Larry	1.000	1987-Dec-18	

```
          1.001..10     1988-Jan-30
          1.011..14     1988-Feb-02
Schwern   1.0.15        2002-Dec-18     Modernization
Richard   1.0.16        2003-Dec-18


Larry     2.000         1988-Jun-05


          2.001         1988-Jun-28


Larry     3.000         1989-Oct-18


          3.001         1989-Oct-26
          3.002..4      1989-Nov-11
          3.005         1989-Nov-18
          3.006..8      1989-Dec-22
          3.009..13     1990-Mar-02
          3.014         1990-Mar-13
          3.015         1990-Mar-14
          3.016..18     1990-Mar-28
          3.019..27     1990-Aug-10     User subs.
          3.028         1990-Aug-14
          3.029..36     1990-Oct-17
          3.037         1990-Oct-20
          3.040         1990-Nov-10
          3.041         1990-Nov-13
          3.042..43     1991-Jan-??
          3.044         1991-Jan-12


Larry     4.000         1991-Mar-21


          4.001..3      1991-Apr-12
          4.004..9      1991-Jun-07
          4.010         1991-Jun-10
          4.011..18     1991-Nov-05
          4.019         1991-Nov-11     Stable.
          4.020..33     1992-Jun-08
          4.034         1992-Jun-11
          4.035         1992-Jun-23
Larry     4.036         1993-Feb-05     Very stable.


          5.000alpha1   1993-Jul-31
          5.000alpha2   1993-Aug-16
          5.000alpha3   1993-Oct-10
          5.000alpha4   1993-???-??
          5.000alpha5   1993-???-??
          5.000alpha6   1994-Mar-18
          5.000alpha7   1994-Mar-25
Andy      5.000alpha8   1994-Apr-04
Larry     5.000alpha9   1994-May-05     ext appears.
          5.000alpha10  1994-Jun-11
          5.000alpha11  1994-Jul-01
Andy      5.000a11a     1994-Jul-07     To fit 14.
          5.000a11b     1994-Jul-14
          5.000a11c     1994-Jul-19
```

```
           5.000a11d      1994-Jul-22
Larry      5.000alpha12   1994-Aug-04
Andy       5.000a12a      1994-Aug-08
           5.000a12b      1994-Aug-15
           5.000a12c      1994-Aug-22
           5.000a12d      1994-Aug-22
           5.000a12e      1994-Aug-22
           5.000a12f      1994-Aug-24
           5.000a12g      1994-Aug-24
           5.000a12h      1994-Aug-24
Larry      5.000beta1     1994-Aug-30
Andy       5.000b1a       1994-Sep-06
Larry      5.000beta2     1994-Sep-14     Core slushified.
Andy       5.000b2a       1994-Sep-14
           5.000b2b       1994-Sep-17
           5.000b2c       1994-Sep-17
Larry      5.000beta3     1994-Sep-??
Andy       5.000b3a       1994-Sep-18
           5.000b3b       1994-Sep-22
           5.000b3c       1994-Sep-23
           5.000b3d       1994-Sep-27
           5.000b3e       1994-Sep-28
           5.000b3f       1994-Sep-30
           5.000b3g       1994-Oct-04
Andy       5.000b3h       1994-Oct-07
Larry?     5.000gamma     1994-Oct-13?


Larry      5.000          1994-Oct-17


Andy       5.000a         1994-Dec-19
           5.000b         1995-Jan-18
           5.000c         1995-Jan-18
           5.000d         1995-Jan-18
           5.000e         1995-Jan-18
           5.000f         1995-Jan-18
           5.000g         1995-Jan-18
           5.000h         1995-Jan-18
           5.000i         1995-Jan-26
           5.000j         1995-Feb-07
           5.000k         1995-Feb-11
           5.000l         1995-Feb-21
           5.000m         1995-Feb-28
           5.000n         1995-Mar-07
           5.000o         1995-Mar-13?


Larry      5.001          1995-Mar-13


Andy       5.001a         1995-Mar-15
           5.001b         1995-Mar-31
           5.001c         1995-Apr-07
           5.001d         1995-Apr-14
           5.001e         1995-Apr-18     Stable.
           5.001f         1995-May-31
           5.001g         1995-May-25
           5.001h         1995-May-25
```

```
            5.001i         1995-May-30
            5.001j         1995-Jun-05
            5.001k         1995-Jun-06
            5.001l         1995-Jun-06      Stable.
            5.001m         1995-Jul-02      Very stable.
            5.001n         1995-Oct-31      Very unstable.
            5.002beta1     1995-Nov-21
            5.002b1a       1995-Dec-04
            5.002b1b       1995-Dec-04
            5.002b1c       1995-Dec-04
            5.002b1d       1995-Dec-04
            5.002b1e       1995-Dec-08
            5.002b1f       1995-Dec-08
    Tom     5.002b1g       1995-Dec-21      Doc release.
    Andy    5.002b1h       1996-Jan-05
            5.002b2        1996-Jan-14
    Larry   5.002b3        1996-Feb-02
    Andy    5.002gamma     1996-Feb-11
    Larry   5.002delta     1996-Feb-27


    Larry   5.002          1996-Feb-29      Prototypes.


    Charles 5.002_01       1996-Mar-25


            5.003          1996-Jun-25      Security release.


            5.003_01       1996-Jul-31
    Nick    5.003_02       1996-Aug-10
    Andy    5.003_03       1996-Aug-28
            5.003_04       1996-Sep-02
            5.003_05       1996-Sep-12
            5.003_06       1996-Oct-07
            5.003_07       1996-Oct-10
    Chip    5.003_08       1996-Nov-19
            5.003_09       1996-Nov-26
            5.003_10       1996-Nov-29
            5.003_11       1996-Dec-06
            5.003_12       1996-Dec-19
            5.003_13       1996-Dec-20
            5.003_14       1996-Dec-23
            5.003_15       1996-Dec-23
            5.003_16       1996-Dec-24
            5.003_17       1996-Dec-27
            5.003_18       1996-Dec-31
            5.003_19       1997-Jan-04
            5.003_20       1997-Jan-07
            5.003_21       1997-Jan-15
            5.003_22       1997-Jan-16
            5.003_23       1997-Jan-25
            5.003_24       1997-Jan-29
            5.003_25       1997-Feb-04
            5.003_26       1997-Feb-10
            5.003_27       1997-Feb-18
            5.003_28       1997-Feb-21
            5.003_90       1997-Feb-25      Ramping up to the 5.004 release.
```

```
               5.003_91     1997-Mar-01
               5.003_92     1997-Mar-06
               5.003_93     1997-Mar-10
               5.003_94     1997-Mar-22
               5.003_95     1997-Mar-25
               5.003_96     1997-Apr-01
               5.003_97     1997-Apr-03    Fairly widely used.
               5.003_97a    1997-Apr-05
               5.003_97b    1997-Apr-08
               5.003_97c    1997-Apr-10
               5.003_97d    1997-Apr-13
               5.003_97e    1997-Apr-15
               5.003_97f    1997-Apr-17
               5.003_97g    1997-Apr-18
               5.003_97h    1997-Apr-24
               5.003_97i    1997-Apr-25
               5.003_97j    1997-Apr-28
               5.003_98     1997-Apr-30
               5.003_99     1997-May-01
               5.003_99a    1997-May-09
               p54rc1       1997-May-12    Release Candidates.
               p54rc2       1997-May-14


    Chip    5.004         1997-May-15    A major maintenance release.


    Tim     5.004_01-t1   1997-???-??    The 5.004 maintenance track.
            5.004_01-t2   1997-Jun-11    aka perl5.004m1t2
            5.004_01      1997-Jun-13
            5.004_01_01   1997-Jul-29    aka perl5.004m2t1
            5.004_01_02   1997-Aug-01    aka perl5.004m2t2
            5.004_01_03   1997-Aug-05    aka perl5.004m2t3
            5.004_02      1997-Aug-07
            5.004_02_01   1997-Aug-12    aka perl5.004m3t1
            5.004_03-t2   1997-Aug-13    aka perl5.004m3t2
            5.004_03      1997-Sep-05
            5.004_04-t1   1997-Sep-19    aka perl5.004m4t1
            5.004_04-t2   1997-Sep-23    aka perl5.004m4t2
            5.004_04-t3   1997-Oct-10    aka perl5.004m4t3
            5.004_04-t4   1997-Oct-14    aka perl5.004m4t4
            5.004_04      1997-Oct-15
            5.004_04-m1   1998-Mar-04    (5.004m5t1) Maint. trials for
    5.004_05.
            5.004_04-m2   1998-May-01
            5.004_04-m3   1998-May-15
            5.004_04-m4   1998-May-19
            5.004_05-MT5  1998-Jul-21
            5.004_05-MT6  1998-Oct-09
            5.004_05-MT7  1998-Nov-22
            5.004_05-MT8  1998-Dec-03
    Chip    5.004_05-MT9  1999-Apr-26
            5.004_05      1999-Apr-29


    Malcolm 5.004_50      1997-Sep-09    The 5.005 development track.
            5.004_51      1997-Oct-02
            5.004_52      1997-Oct-15
```

```
          5.004_53    1997-Oct-16
          5.004_54    1997-Nov-14
          5.004_55    1997-Nov-25
          5.004_56    1997-Dec-18
          5.004_57    1998-Feb-03
          5.004_58    1998-Feb-06
          5.004_59    1998-Feb-13
          5.004_60    1998-Feb-20
          5.004_61    1998-Feb-27
          5.004_62    1998-Mar-06
          5.004_63    1998-Mar-17
          5.004_64    1998-Apr-03
          5.004_65    1998-May-15
          5.004_66    1998-May-29
  Sarathy 5.004_67    1998-Jun-15
          5.004_68    1998-Jun-23
          5.004_69    1998-Jun-29
          5.004_70    1998-Jul-06
          5.004_71    1998-Jul-09
          5.004_72    1998-Jul-12
          5.004_73    1998-Jul-13
          5.004_74    1998-Jul-14    5.005 beta candidate.
          5.004_75    1998-Jul-15    5.005 beta1.
          5.004_76    1998-Jul-21    5.005 beta2.


  Sarathy 5.005       1998-Jul-22    Oneperl.


  Sarathy 5.005_01    1998-Jul-27    The 5.005 maintenance track.
          5.005_02-T1 1998-Aug-02
          5.005_02-T2 1998-Aug-05
          5.005_02    1998-Aug-08
  Graham  5.005_03-MT1 1998-Nov-30
          5.005_03-MT2 1999-Jan-04
          5.005_03-MT3 1999-Jan-17
          5.005_03-MT4 1999-Jan-26
          5.005_03-MT5 1999-Jan-28
          5.005_03-MT6 1999-Mar-05
          5.005_03    1999-Mar-28
  Leon    5.005_04-RC1 2004-Feb-05
          5.005_04-RC2 2004-Feb-18
          5.005_04    2004-Feb-23


  Sarathy 5.005_50    1998-Jul-26    The 5.6 development track.
          5.005_51    1998-Aug-10
          5.005_52    1998-Sep-25
          5.005_53    1998-Oct-31
          5.005_54    1998-Nov-30
          5.005_55    1999-Feb-16
          5.005_56    1999-Mar-01
          5.005_57    1999-May-25
          5.005_58    1999-Jul-27
          5.005_59    1999-Aug-02
          5.005_60    1999-Aug-02
          5.005_61    1999-Aug-20
          5.005_62    1999-Oct-15
```

```
          5.005_63      1999-Dec-09
          5.5.640       2000-Feb-02
          5.5.650       2000-Feb-08    beta1
          5.5.660       2000-Feb-22    beta2
          5.5.670       2000-Feb-29    beta3
          5.6.0-RC1     2000-Mar-09    Release candidate 1.
          5.6.0-RC2     2000-Mar-14    Release candidate 2.
          5.6.0-RC3     2000-Mar-21    Release candidate 3.


  Sarathy 5.6.0         2000-Mar-22


  Sarathy 5.6.1-TRIAL1  2000-Dec-18    The 5.6 maintenance track.
          5.6.1-TRIAL2  2001-Jan-31
          5.6.1-TRIAL3  2001-Mar-19
          5.6.1-foolish 2001-Apr-01    The "fools-gold" release.
          5.6.1         2001-Apr-08
  Rafael  5.6.2-RC1     2003-Nov-08
          5.6.2         2003-Nov-15    Fix new build issues


  Jarkko  5.7.0         2000-Sep-02    The 5.7 track: Development.
          5.7.1         2001-Apr-09
          5.7.2         2001-Jul-13    Virtual release candidate 0.
          5.7.3         2002-Mar-05
          5.8.0-RC1     2002-Jun-01
          5.8.0-RC2     2002-Jun-21
          5.8.0-RC3     2002-Jul-13


  Jarkko  5.8.0         2002-Jul-18


  Jarkko  5.8.1-RC1     2003-Jul-10    The 5.8 maintenance track
          5.8.1-RC2     2003-Jul-11
          5.8.1-RC3     2003-Jul-30
          5.8.1-RC4     2003-Aug-01
          5.8.1-RC5     2003-Sep-22
          5.8.1         2003-Sep-25
  Nicholas 5.8.2-RC1    2003-Oct-27
          5.8.2-RC2     2003-Nov-03
          5.8.2         2003-Nov-05
          5.8.3-RC1     2004-Jan-07
          5.8.3         2004-Jan-14
          5.8.4-RC1     2004-Apr-05
          5.8.4-RC2     2004-Apr-15
          5.8.4         2004-Apr-21
          5.8.5-RC1     2004-Jul-06
          5.8.5-RC2     2004-Jul-08
          5.8.5         2004-Jul-19
          5.8.6-RC1     2004-Nov-11
          5.8.6         2004-Nov-27
          5.8.7-RC1     2005-May-18
          5.8.7         2005-May-30
          5.8.8-RC1     2006-Jan-20
          5.8.8         2006-Jan-31
          5.8.9-RC1     2008-Nov-10
          5.8.9-RC2     2008-Dec-06
```

```
             5.8.9           2008-Dec-14


   Hugo      5.9.0           2003-Oct-27     The 5.9 development track
   Rafael    5.9.1           2004-Mar-16
             5.9.2           2005-Apr-01
             5.9.3           2006-Jan-28
             5.9.4           2006-Aug-15
             5.9.5           2007-Jul-07
             5.10.0-RC1      2007-Nov-17
             5.10.0-RC2      2007-Nov-25


   Rafael    5.10.0          2007-Dec-18


   David     5.10.1-RC1      2009-Aug-06     The 5.10 maintenance track
             5.10.1-RC2      2009-Aug-18
             5.10.1          2009-Aug-22


   Jesse     5.11.0          2009-Oct-02     The 5.11 development track
             5.11.1          2009-Oct-20
   Leon      5.11.2          2009-Nov-20
   Jesse     5.11.3          2009-Dec-20
   Ricardo   5.11.4          2010-Jan-20
   Steve     5.11.5          2010-Feb-20
   Jesse     5.12.0-RC1      2010-Mar-29


   Jesse     5.12.0          2010-Apr-12
   Jesse     5.12.1          2010-May-16
   Jesse     5.12.2          2010-Sep-06
```

SELECTED RELEASE SIZES

For example the notation "core: 212 29" in the release 1.000 means that it had in the core 212 kilobytes, in 29 files. The "core".."doc" are explained below.

release	core		lib		ext		t		doc	
1.000	212	29	–	–	–	–	38	51	62	3
1.014	219	29	–	–	–	–	39	52	68	4
2.000	309	31	2	3	–	–	55	57	92	4
2.001	312	31	2	3	–	–	55	57	94	4
3.000	508	36	24	11	–	–	79	73	156	5
3.044	645	37	61	20	–	–	90	74	190	6
4.000	635	37	59	20	–	–	91	75	198	4
4.019	680	37	85	29	–	–	98	76	199	4
4.036	709	37	89	30	–	–	98	76	208	5
5.000alpha2	785	50	114	32	–	–	112	86	209	5
5.000alpha3	801	50	117	33	–	–	121	87	209	5
5.000alpha9	1022	56	149	43	116	29	125	90	217	6
5.000a12h	978	49	140	49	205	46	152	97	228	9
5.000b3h	1035	53	232	70	216	38	162	94	218	21
5.000	1038	53	250	76	216	38	154	92	536	62
5.001m	1071	54	388	82	240	38	159	95	544	29
5.002	1121	54	661	101	287	43	155	94	847	35
5.003	1129	54	680	102	291	43	166	100	853	35

```
5.003_07     1231   60    748 106     396    53     213  137     976   39
5.004        1351   60   1230 136     408    51     355  161    1587   55
5.004_01     1356   60   1258 138     410    51     358  161    1587   55
5.004_04     1375   60   1294 139     413    51     394  162    1629   55
5.004_05     1463   60   1435 150     394    50     445  175    1855   59
5.004_51     1401   61   1260 140     413    53     358  162    1594   56
5.004_53     1422   62   1295 141     438    70     394  162    1637   56
5.004_56     1501   66   1301 140     447    74     408  165    1648   57
5.004_59     1555   72   1317 142     448    74     424  171    1678   58
5.004_62     1602   77   1327 144     629    92     428  173    1674   58
5.004_65     1626   77   1358 146     615    92     446  179    1698   60
5.004_68     1856   74   1382 152     619    92     463  187    1784   60
5.004_70     1863   75   1456 154     675    92     494  194    1809   60
5.004_73     1874   76   1467 152     762   102     506  196    1883   61
5.004_75     1877   76   1467 152     770   103     508  196    1896   62
5.005        1896   76   1469 152     795   103     509  197    1945   63
5.005_03     1936   77   1541 153     813   104     551  201    2176   72
5.005_50     1969   78   1842 301     795   103     514  198    1948   63
5.005_53     1999   79   1885 303     806   104     602  224    2002   67
5.005_56     2086   79   1970 307     866   113     672  238    2221   75
5.6.0        2820   79   2626 364    1096   129     863  280    2840   93
5.6.1        2946   78   2921 430    1171   132    1024  304    3330  102
5.6.2        2947   78   3143 451    1247   127    1303  387    3406  102
5.7.0        2977   80   2801 425    1250   132     975  307    3206  100
5.7.1        3351   84   3442 455    1944   167    1334  357    3698  124
5.7.2        3491   87   4858 618    3290   298    1598  449    3910  139
5.7.3        3299   85   4295 537    2196   300    2176  626    4171  120
5.8.0        3489   87   4533 585    2437   331    2588  726    4368  125
5.8.1        3674   90   5104 623    2604   353    2983  836    4625  134
5.8.2        3633   90   5111 623    2623   357    3019  848    4634  135
5.8.3        3625   90   5141 624    2660   363    3083  869    4669  136
5.8.4        3653   90   5170 634    2684   368    3148  885    4689  137
5.8.5        3664   90   4260 303    2707   369    3208  898    4689  138
5.8.6        3690   90   4271 303    3141   396    3411  925    4709  139
5.8.7        3788   90   4322 307    3297   401    3485  964    4744  141
5.8.8        3895   90   4357 314    3409   431    3622 1017    4979  144
5.8.9        4132   93   5508 330    3826   529    4364 1234    5348  152
5.9.0        3657   90   4951 626    2603   354    3011  841    4609  135
5.9.1        3580   90   5196 634    2665   367    3186  889    4725  138
5.9.2        3863   90   4654 312    3283   403    3551  973    4800  142
5.9.3        4096   91   5318 381    4806   597    4272 1214    5139  147
5.9.4        4393   94   5718 415    4578   642    4646 1310    5335  153
5.9.5        4681   96   6849 479    4827   671    5155 1490    5572  159
5.10.0       4710   97   7050 486    4899   673    5275 1503    5673  160
5.10.1       4858   98   7440 519    6195   921    6147 1751    5151  163
5.12.0       4999  100   1146 121   15227  2176    6400 1843    5342  168
5.12.1       5000  100   1146 121   15283  2178    6407 1846    5354  169
```

The "core"..."doc" mean the following files from the Perl source code distribution. The glob notation ** means recursively, (.) means regular files.

```
core    *.[hcy]
lib     lib/**/*.p[ml]
ext     ext/**/*.{[hcyt],xs,pm} (for -5.10.1) or
        {dist,ext,cpan}/**/*.{[hcyt],xs,pm} (for 5.12.0-)
t       t/**/*(.) (for 1-5.005_56) or **/*.t (for 5.6.0-5.7.3)
```

```
doc      {README*,INSTALL,*[_.]man{,.?},pod/**/*.pod}
```

Here are some statistics for the other subdirectories and one file in the Perl source distribution for somewhat more selected releases.

```
=======================================================================
  Legend:   kB    #


             1.014       2.001       3.044


Configure     31    1    37    1    62    1
eg            -     -    34   28    47   39
h2pl          -     -    -     -    12   12
msdos         -     -    -     -    41   13
os2           -     -    -     -    63   22
usub          -     -    -     -    21   16
x2p          103   17   104   17   137   17


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


             4.000       4.019       4.036


atarist       -     -    -     -   113   31
Configure     73    1    83    1    86    1
eg            47   39    47   39    47   39
emacs         67    4    67    4    67    4
h2pl          12   12    12   12    12   12
hints         -     -     5   42    11   56
msdos         57   15    58   15    60   15
os2           81   29    81   29   113   31
usub          25    7    43    8    43    8
x2p          147   18   152   19   154   19


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


             5.000a2  5.000a12h  5.000b3h    5.000      5.001m


apollo         8    3     8    3     8    3     8    3     8    3
atarist      113   31   113   31     -    -     -    -     -    -
bench         -    -     0    1     -    -     -    -     -    -
Bugs          2    5    26    1     -    -     -    -     -    -
dlperl       40    5     -    -     -    -     -    -     -    -
do           127   71     -    -     -    -     -    -     -    -
Configure     -    -   153    1   159    1   160    1   180    1
Doc           -    -    26    1    75    7    11    1    11    1
eg           79   58    53   44    51   43    54   44    54   44
emacs        67    4   104    6   104    6   104    1   104    6
h2pl         12   12    12   12    12   12    12   12    12   12
hints        11   56    12   46    18   48    18   48    44   56
msdos        60   15    60   15     -    -     -    -     -    -
os2          113   31   113   31     -    -     -    -     -    -
U             -    -    62    8   112   42     -    -     -    -
usub         43    8     -    -     -    -     -    -     -    -
```

```
vms             -      -     80     7    123     9    184    15    304    20
x2p           171     22    171    21    162    20    162    20    279    20
```

```
==========================================================================
```

	5.002		5.003		5.003_07	
Configure	201	1	201	1	217	1
eg	54	44	54	44	54	44
emacs	108	1	108	1	143	1
h2pl	12	12	12	12	12	12
hints	73	59	77	60	90	62
os2	84	17	56	10	117	42
plan9	-	-	-	-	79	15
Porting	-	-	-	-	51	1
utils	87	7	88	7	97	7
vms	500	24	475	26	505	27
x2p	280	20	280	20	280	19

```
==========================================================================
```

	5.004		5.004_04		5.004_62		5.004_65		5.004_68	
beos	-	-	-	-	-	-	1	1	1	1
Configure	225	1	225	1	240	1	248	1	256	1
cygwin32	23	5	23	5	23	5	24	5	24	5
djgpp	-	-	-	-	14	5	14	5	14	5
eg	81	62	81	62	81	62	81	62	81	62
emacs	194	1	204	1	212	2	212	2	212	2
h2pl	12	12	12	12	12	12	12	12	12	12
hints	129	69	132	71	144	72	151	74	155	74
os2	121	42	127	42	127	44	129	44	129	44
plan9	82	15	82	15	82	15	82	15	82	15
Porting	94	2	109	4	203	6	234	8	241	9
qnx	1	2	1	2	1	2	1	2	1	2
utils	112	8	118	8	124	8	156	9	159	9
vms	518	34	524	34	538	34	569	34	569	34
win32	285	33	378	36	470	39	493	39	575	41
x2p	281	19	281	19	281	19	282	19	281	19

```
==========================================================================
```

	5.004_70		5.004_73		5.004_75		5.005		5.005_03	
apollo	-	-	-	-	-	-	-	-	0	1
beos	1	1	1	1	1	1	1	1	1	1
Configure	256	1	256	1	264	1	264	1	270	1
cygwin32	24	5	24	5	24	5	24	5	24	5
djgpp	14	5	14	5	14	5	14	5	15	5
eg	86	65	86	65	86	65	86	65	86	65
emacs	262	2	262	2	262	2	262	2	274	2
h2pl	12	12	12	12	12	12	12	12	12	12
hints	157	74	157	74	159	74	160	74	179	77

```
mint        -     -     -     -     -     -     -     -     4     7
mpeix       -     -     -     -     5     3     5     3     5     3
os2       129    44   139    44   142    44   143    44   148    44
plan9      82    15    82    15    82    15    82    15    82    15
Porting   241     9   253     9   259    10   264    12   272    13
qnx         1     2     1     2     1     2     1     2     1     2
utils     160     9   160     9   160     9   160     9   164     9
vms       570    34   572    34   573    34   575    34   583    34
vos         -     -     -     -     -     -     -     -   156    10
win32     577    41   585    41   585    41   587    41   600    42
x2p       281    19   281    19   281    19   281    19   281    19


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


            5.6.0       5.6.1       5.6.2       5.7.3


apollo      8     3     8     3     8     3     8     3
beos        5     2     5     2     5     2     6     4
Configure 346     1   361     1   363     1   394     1
Cross       -     -     -     -     -     -     4     2
djgpp      19     6    19     6    19     6    21     7
eg        112    71   112    71   112    71     -     -
emacs     303     4   319     4   319     4   319     4
epoc       29     8    35     8    35     8    36     8
h2pl       24    15    24    15    24    15    24    15
hints     242    83   250    84   321    89   272    87
mint       11     9    11     9    11     9    11     9
mpeix       9     4     9     4     9     4     9     4
NetWare     -     -     -     -     -     -   423    57
os2       214    59   224    60   224    60   357    66
plan9      92    17    92    17    92    17    85    15
Porting   361    15   390    16   390    16   425    21
qnx         5     3     5     3     5     3     5     3
utils     228    12   221    11   222    11   267    13
uts         -     -     -     -     -     -    12     3
vmesa      25     4    25     4    25     4    25     4
vms       686    38   627    38   627    38   649    36
vos       227    12   249    15   248    15   281    17
win32     755    41   782    42   801    42  1006    50
x2p       307    20   307    20   307    20   345    20


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


            5.8.0       5.8.1       5.8.2       5.8.3       5.8.4


apollo      8     3     8     3     8     3     8     3     8     3
beos        6     4     6     4     6     4     6     4     6     4
Configure 472     1   493     1   493     1   493     1   494     1
Cross       4     2    45    10    45    10    45    10    45    10
djgpp      21     7    21     7    21     7    21     7    21     7
emacs     319     4   329     4   329     4   329     4   329     4
epoc       33     8    33     8    33     8    33     8    33     8
h2pl       24    15    24    15    24    15    24    15    24    15
hints     294    88   321    89   321    89   321    89   348    91
```

```
mint            11      9     11      9     11      9     11      9     11      9
mpeix           24      5     25      5     25      5     25      5     25      5
NetWare        488     61    490     61    490     61    490     61    488     61
os2            361     66    445     67    450     67    488     67    488     67
plan9           85     15    325     17    325     17    325     17    321     17
Porting        479     22    537     32    538     32    539     32    538     33
qnx              5      3      5      3      5      3      5      3      5      3
utils          275     15    258     16    258     16    263     19    263     19
uts             12      3     12      3     12      3     12      3     12      3
vmesa           25      4     25      4     25      4     25      4     25      4
vms            648     36    654     36    654     36    656     36    656     36
vos            330     20    335     20    335     20    335     20    335     20
win32         1062     49   1125     49   1127     49   1126     49   1181     56
x2p            347     20    348     20    348     20    348     20    348     20


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


                 5.8.5         5.8.6         5.8.7         5.8.8         5.8.9


apollo           8      3      8      3      8      3      8      3      8      3
beos             6      4      6      4      8      4      8      4      8      4
Configure      494      1    494      1    495      1    506      1    520      1
Cross           45     10     45     10     45     10     45     10     46     10
djgpp           21      7     21      7     21      7     21      7     21      7
emacs          329      4    329      4    329      4    329      4    406      4
epoc            33      8     33      8     33      8     34      8     35      8
h2pl            24     15     24     15     24     15     24     15     24     15
hints          350     91    352     91    355     94    360     94    387     99
mint            11      9     11      9     11      9     11      9     11      9
mpeix           25      5     25      5     25      5     49      6     49      6
NetWare        488     61    488     61    488     61    490     61    491     61
os2            488     67    488     67    488     67    488     67    552     70
plan9          321     17    321     17    321     17    322     17    324     17
Porting        538     34    548     35    549     35    564     37    625     41
qnx              5      3      5      3      5      3      5      3      5      3
utils          265     19    265     19    266     19    267     19    281     21
uts             12      3     12      3     12      3     12      3     12      3
vmesa           25      4     25      4     25      4     25      4     25      4
vms            657     36    658     36    662     36    664     36    716     35
vos            335     20    335     20    335     20    336     21    345     22
win32         1183     56   1190     56   1199     56   1219     56   1484     68
x2p            349     20    349     20    349     20    349     19    350     19


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


                 5.9.0         5.9.1         5.9.2         5.9.3         5.9.4


apollo           8      3      8      3      8      3      8      3      8      3
beos             6      4      6      4      8      4      8      4      8      4
Configure      493      1    493      1    495      1    508      1    512      1
Cross           45     10     45     10     45     10     45     10     46     10
djgpp           21      7     21      7     21      7     21      7     21      7
emacs          329      4    329      4    329      4    329      4    329      4
epoc            33      8     33      8     33      8     34      8     34      8
```

```
     h2pl          24    15     24    15     24    15     24    15     24    15
     hints        321    89    346    91    355    94    359    94    366    96
     mad            -     -      -     -      -     -      -     -    174     6
     mint          11     9     11     9     11     9     11     9     11     9
     mpeix         25     5     25     5     25     5     49     6     49     6
     NetWare      489    61    487    61    487    61    489    61    489    61
     os2          444    67    488    67    488    67    488    67    488    67
     plan9        325    17    321    17    321    17    322    17    323    17
     Porting      537    32    536    33    549    36    564    38    576    38
     qnx            5     3      5     3      5     3      5     3      5     3
     symbian        -     -      -     -      -     -    293    53    293    53
     utils        258    16    263    19    268    20    273    23    275    24
     uts           12     3     12     3     12     3     12     3     12     3
     vmesa         25     4     25     4     25     4     25     4     25     4
     vms          660    36    547    33    553    33    661    33    696    33
     vos           11     7     11     7     11     7     11     7     11     7
     win32       1120    49   1124    51   1191    56   1209    56   1719    90
     x2p          348    20    348    20    349    20    349    19    349    19


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


                   5.9.5       5.10.0       5.10.1       5.12.0       5.12.1


     apollo         8     3      8     3      0     3      0     3      0     3
     beos           8     4      8     4      4     4      4     4      4     4
     Configure    518     1    518     1    533     1    536     1    536     1
     Cross        122    15    122    15    119    15    118    15    118    15
     djgpp         21     7     21     7     17     7     17     7     17     7
     emacs        329     4    406     4    402     4    402     4    402     4
     epoc          34     8     35     8     31     8     31     8     31     8
     h2pl          24    15     24    15     12    15     12    15     12    15
     hints        377    98    381    98    385   100    368    97    368    97
     mad          182     8    182     8    174     8    174     8    174     8
     mint          11     9     11     9      3     9      -     -      -     -
     mpeix         49     6     49     6     45     6     45     6     45     6
     NetWare      489    61    489    61    465    61    466    61    466    61
     os2          552    70    552    70    507    70    507    70    507    70
     plan9        324    17    324    17    316    17    316    17    316    17
     Porting      627    40    632    40    933    53    749    54    749    54
     qnx            5     3      5     4      1     4      1     4      1     4
     symbian      300    54    300    54    290    54    288    54    288    54
     utils        260    26    264    27    268    27    269    27    269    27
     uts           12     3     12     3      8     3      8     3      8     3
     vmesa         25     4     25     4     21     4     21     4     21     4
     vms          690    32    722    32    693    30    645    18    645    18
     vos           19     8     19     8     16     8     16     8     16     8
     win32       1482    68   1485    68   1497    70   1841    73   1841    73
     x2p          349    19    349    19    345    19    345    19    345    19
```

SELECTED PATCH SIZES

The "diff lines kB" means that for example the patch 5.003_08, to be applied on top of the 5.003_07 (or whatever was before the 5.003_08) added lines for 110 kilobytes, it removed lines for 19 kilobytes, and changed lines for 424 kilobytes. Just the lines themselves are counted, not their context. The "+ - !" become from the diff(1) context diff output format.

```
Pump-    Release        Date           diff lines kB
king                                   -------------
                                        +    -    !
==================================================================

Chip     5.003_08       1996-Nov-19    110   19   424
         5.003_09       1996-Nov-26     38    9   248
         5.003_10       1996-Nov-29     29    2    27
         5.003_11       1996-Dec-06     73   12   165
         5.003_12       1996-Dec-19    275    6   436
         5.003_13       1996-Dec-20     95    1    56
         5.003_14       1996-Dec-23     23    7   333
         5.003_15       1996-Dec-23      0    0     1
         5.003_16       1996-Dec-24     12    3    50
         5.003_17       1996-Dec-27     19    1    14
         5.003_18       1996-Dec-31     21    1    32
         5.003_19       1997-Jan-04     80    3    85
         5.003_20       1997-Jan-07     18    1   146
         5.003_21       1997-Jan-15     38   10   221
         5.003_22       1997-Jan-16      4    0    18
         5.003_23       1997-Jan-25     71   15   119
         5.003_24       1997-Jan-29    426    1    20
         5.003_25       1997-Feb-04     21    8   169
         5.003_26       1997-Feb-10     16    1    15
         5.003_27       1997-Feb-18     32   10    38
         5.003_28       1997-Feb-21     58    4    66
         5.003_90       1997-Feb-25     22    2    34
         5.003_91       1997-Mar-01     37    1    39
         5.003_92       1997-Mar-06     16    3    69
         5.003_93       1997-Mar-10     12    3    15
         5.003_94       1997-Mar-22    407    7   200
         5.003_95       1997-Mar-25     41    1    37
         5.003_96       1997-Apr-01    283    5   261
         5.003_97       1997-Apr-03     13    2    34
         5.003_97a      1997-Apr-05     57    1    27
         5.003_97b      1997-Apr-08     14    1    20
         5.003_97c      1997-Apr-10     20    1    16
         5.003_97d      1997-Apr-13      8    0    16
         5.003_97e      1997-Apr-15     15    4    46
         5.003_97f      1997-Apr-17      7    1    33
         5.003_97g      1997-Apr-18      6    1    42
         5.003_97h      1997-Apr-24     23    3    68
         5.003_97i      1997-Apr-25     23    1    31
         5.003_97j      1997-Apr-28     36    1    49
         5.003_98       1997-Apr-30    171   12   539
         5.003_99       1997-May-01      6    0     7
         5.003_99a      1997-May-09     36    2    61
         p54rc1         1997-May-12      8    1    11
         p54rc2         1997-May-14      6    0    40

         5.004          1997-May-15      4    0     4

Tim      5.004_01       1997-Jun-13    222   14    57
         5.004_02       1997-Aug-07    112   16   119
         5.004_03       1997-Sep-05    109    0    17
```

```
              5.004_04       1997-Oct-15       66     8    173
```

The patch-free era

> In more modern times, named releases don't come as often, and as progress can be followed (nearly) instantly (with rsync, and since late 2008, git) patches between versions are no longer provided. However, that doesn't keep us from calculating how large a patch could have been. Which is shown in the table below. Unless noted otherwise, the size mentioned is the patch to bring version x.y.z to x.y.z+1.

```
   Sarathy  5.6.1          2001-Apr-08      531    44    651
   Rafael   5.6.2          2003-Nov-15       20    11   1819


   Jarkko   5.8.0          2002-Jul-18     1205    31    471   From 5.7.3


            5.8.1          2003-Sep-25      243   102   6162
   Nicholas 5.8.2          2003-Nov-05       10    50    788
            5.8.3          2004-Jan-14       31    13    360
            5.8.4          2004-Apr-21       33     8    299
            5.8.5          2004-Jul-19       11    19    255
            5.8.6          2004-Nov-27       35     3    192
            5.8.7          2005-May-30       75    34    778
            5.8.8          2006-Jan-31      131    42   1251
            5.8.9          2008-Dec-14      340   132  12988


   Hugo     5.9.0          2003-Oct-27      281   168   7132   From 5.8.0
   Rafael   5.9.1          2004-Mar-16       57   250   2107
            5.9.2          2005-Apr-01      720    57    858
            5.9.3          2006-Jan-28     1124   102   1906
            5.9.4          2006-Aug-15      896    60    862
            5.9.5          2007-Jul-07     1149   128   1062


            5.10.0         2007-Dec-18       50    31  13111   From 5.9.5
```

THE KEEPERS OF THE RECORDS

> Jarkko Hietaniemi *<jhi@iki.fi>*.

> Thanks to the collective memory of the Perlfolk. In addition to the Keepers of the Pumpkin also Alan Champion, Mark Dominus, Andreas König, John Macdonald, Matthias Neeracher, Jeff Okamoto, Michael Peppler, Randal Schwartz, and Paul D. Smith sent corrections and additions. Abigail added file and patch size data for the 5.6.0 - 5.10 era.