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
```

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                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
    Ricardo     5.12.3-RC1      2011-Jan-09
    Ricardo     5.12.3-RC2      2011-Jan-14
    Ricardo     5.12.3-RC3      2011-Jan-17
    Ricardo     5.12.3          2011-Jan-21
    Leon        5.12.4-RC1      2011-Jun-08
    Leon        5.12.4          2011-Jun-20


    Leon        5.13.0          2010-Apr-20     The 5.13 development track
    Ricardo     5.13.1          2010-May-20
    Matt        5.13.2          2010-Jun-22
    David G     5.13.3          2010-Jul-20
    Florian     5.13.4          2010-Aug-20
    Steve       5.13.5          2010-Sep-19
    Miyagawa    5.13.6          2010-Oct-20
    BinGOs      5.13.7          2010-Nov-20
    Zefram      5.13.8          2010-Dec-20
    Jesse       5.13.9          2011-Jan-20
    Ãvar         5.13.10         2011-Feb-20
    Florian     5.13.11         2011-Mar-20
    Jesse       5.14.0RC1       2011-Apr-20
    Jesse       5.14.0RC2       2011-May-04
    Jesse       5.14.0RC3       2011-May-11


    Jesse       5.14.0          2011-May-14
```

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.