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.

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-  Release         Date            Notes
 king                                   (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.
	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.
          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
          5.8.0         2002-Jul-18
          5.8.1-RC1     2003-Jul-10
          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

Hugo      5.9.0         2003-Oct-27
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
5.10.0        2007-Dec-18
```

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	2930	80	2626	364	1096	129	868	281	2841	93
5.7.0	2977	80	2801	425	1250	132	975	307	3206	100
5.6.1	3049	80	3764	484	1924	159	1025	304	3593	119
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	3415	87	5367	630	14448	410	2205	640	4491	148

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}
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   4.000   4.019   4.036

atarist      -  -    -  -    -  -    -  -    -  -  113 31
Configure   31  1   37  1   62  1   73  1   83  1   86  1
eg           -  -   34 28   47 39   47 39   47 39   47 39
emacs        -  -    -  -    -  -   67  4   67  4   67  4
h2pl         -  -    -  -   12 12   12 12   12 12   12 12
hints        -  -    -  -    -  -    -  -    5 42   11 56
msdos        -  -    -  -   41 13   57 15   58 15   60 15
os2          -  -    -  -   63 22   81 29   81 29  113 31
usub         -  -    -  -   21 16   25  7   43  8   43  8
x2p        103 17  104 17  137 17  147 18  152 19  154 19

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

           5.000a2 5.000a12h 5.000b3h 5.000  5.001m  5.002   5.003

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  201  1  201  1
Doc          -  -   26  1   75  7     11  1   11  1    -  -    -  -
eg          79 58   53 44   51 43     54 44   54 44   54 44   54 44
emacs       67  4  104  6  104  6    104  1  104  6  108  1  108  1
h2pl        12 12   12 12   12 12     12 12   12 12   12 12   12 12
hints       11 56   12 46   18 48     18 48   44 56   73 59   77 60
msdos       60 15   60 15    -  -      -  -    -  -    -  -    -  -
os2        113 31  113 31    -  -      -  -    -  -   84 17   56 10
U            -  -   62  8  112 42      -  -    -  -    -  -    -  -
usub        43  8    -  -    -  -      -  -    -  -    -  -    -  -
utils        -  -    -  -    -  -      -  -    -  -   87  7   88  7
vms          -  -   80  7  123  9    184 15  304 20  500 24  475 26
x2p        171 22  171 21  162 20    162 20  279 20  280 20  280 20

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

           5.003_07 5.004   5.004_04 5.004_62 5.004_65 5.004_68
```

```
beos          -  -     -  -     -  -     -  -     1   1    1   1
Configure   217  1   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           54 44    81 62    81 62    81 62    81  62   81  62
emacs       143  1   194  1   204  1   212  2   212   2  212   2
h2pl         12 12    12 12    12 12    12 12    12  12   12  12
hints        90 62   129 69   132 71   144 72   151  74  155  74
os2         117 42   121 42   127 42   127 44   129  44  129  44
plan9        79 15    82 15    82 15    82 15    82  15   82  15
Porting      51  1    94  2   109  4   203  6   234   8  241   9
qnx           -  -     1  2     1  2     1  2     1   2    1   2
utils        97  7   112  8   118  8   124  8   156   9  159   9
vms         505 27   518 34   524 34   538 34   569  34  569  34
win32         -  -   285 33   378 36   470 39   493  39  575  41
x2p         280 19   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
```

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 KEEPERS OF THE RECORDS

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