

## NAME

perlist - 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.

## 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	
	5.002bla	1995-Dec-04	
	5.002blb	1995-Dec-04	
	5.002blc	1995-Dec-04	
	5.002bld	1995-Dec-04	
	5.002ble	1995-Dec-08	
	5.002blf	1995-Dec-08	
Tom	5.002blg	1995-Dec-21	Doc release.
Andy	5.002blh	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_29	1997-Feb-25	
	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_05.	5.004_04-m1	1998-Mar-04	(5.004m5t1) Maint. trials for
	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	
	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	
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
David	5.10.1-RC1	2009-Aug-06
	5.10.1-RC2	2009-Aug-18
	5.10.1	2009-Aug-22

## 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

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/**/*.[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

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

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	5.000a2	5.000a12h	5.000b3h	5.000	5.001m
apollo	8	3	8	3	8
atarist	113	31	113	31	-
bench	-	-	0	1	-
Bugs	2	5	26	1	-
dlperl	40	5	-	-	-
do	127	71	-	-	-
Configure	-	-	153	1	159
Doc	-	-	26	1	75
eg	79	58	53	44	51
emacs	67	4	104	6	104
h2pl	12	12	12	12	12
hints	11	56	12	46	18
msdos	60	15	60	15	-
os2	113	31	113	31	-
U	-	-	62	8	112
usub	43	8	-	-	-
vms	-	-	80	7	123
x2p	171	22	171	21	162

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	5.002	5.003	5.003_07
Configure	201	1	217
eg	54	44	54
emacs	108	1	143
h2pl	12	12	12
hints	73	59	77
os2	84	17	56
plan9	-	-	-
Porting	-	-	-
utils	87	7	88
vms	500	24	475
x2p	280	20	280

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5.004	5.004_04	5.004_62	5.004_65	5.004_68
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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

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	5.004_70	5.004_73	5.004_75	5.005	5.005_03					
apollo	-	-	-	-	0	1				
beos	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

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	5.6.0	5.6.1	5.6.2	5.7.3				
apollo	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

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	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

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	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
vmsesa	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

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	5.9.0	5.9.1	5.9.2	5.9.3	5.9.4					
apollo	8	3	8	3	8	3				
beos	6	4	6	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
vmsesa	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

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	5.9.5	5.10.0		
apollo	8	3	8	3

beos	8	4	8	4
Configure	518	1	518	1
Cross	122	15	122	15
djgpp	21	7	21	7
emacs	329	4	406	4
epoc	34	8	35	8
h2pl	24	15	24	15
hints	377	98	381	98
mad	182	8	182	8
mint	11	9	11	9
mpeix	49	6	49	6
NetWare	489	61	489	61
os2	552	70	552	70
plan9	324	17	324	17
Porting	627	40	632	40
qnx	5	3	5	4
symbian	300	54	300	54
utils	260	26	264	27
uts	12	3	12	3
vmsesa	25	4	25	4
vms	690	32	722	32
vos	19	8	19	8
win32	1482	68	1485	68
x2p	349	19	349	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
Nicholas	5.8.1	2003-Sep-25	243	102	6162	
	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	

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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

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