

Source Lines of Code

Tiki ships with approx 1M lines of code.

The Tiki project re-uses a lot of code from various [external libraries](#) so a quick guesstimate is that less than half of the code shipped in Tiki is maintained by the Tiki community and the rest is [Standing on the shoulders of giants](#). For example, Zend Framework (which is bundled in Tiki) is 400k+ LOCs.

We always upstream patches when we find issues. There is a discussion on how to [reduce disk space](#).

File count of the zip file

12.2

- Total: 14 803 Files, 1 979 Folders
- Included from other projects (/vendor & /vendor_extra): 7511 Files, 1316 Folders
- Maintained by the Tiki community: 7,292 Files, 663 Folders

CLOC

<http://cloc.sourceforge.net/>

12.0

These stats seems wrong (too low)

```
D:\cloc>cloc-1.60.exe tiki-12.0
4448 text files.
4009 unique files.
1786 files ignored.
```

```
http://cloc.sourceforge.net v 1.60 T=15.53 s (180.5 files/s, 39038.1 lines/s)
```

Language	files	blank	comment	code
PHP	2059	51615	105234	308285
Javascript	128	6496	7153	44897
CSS	139	9834	3275	42634
SQL	424	1000	43	19112
XML	26	26	2	1250
Bourne Shell	2	135	144	866
XSD	8	125	108	755
Pascal	2	171	1661	750
HTML	12	80	23	374
ActionScript	1	7	12	51
ASP.Net	2	0	0	22
SUM:	2803	69489	117655	418996

7.0

```
D:\cloc>cloc-1.53.exe tiki-7.0.RC1
 8768 text files.
 8354 unique files.
1265 files ignored.
```

```
http://cloc.sourceforge.net v 1.53 T=614.0 s (11.6 files/s, 2856.3 lines/s)
```

Language	files	blank	comment	code
PHP	5197	110589	346616	756290
XML	526	820	34	239020
Javascript	712	20156	22145	129987
CSS	243	10637	7181	54734
HTML	105	4795	1521	30230
SQL	330	1035	85	13524
XSD	12	197	74	1672
XSLT	6	176	46	800
ASP	1	129	347	479
Bourne Shell	2	33	26	170
DTD	2	0	0	82
ASP.Net	4	0	0	61
ActionScript	1	8	21	47
SUM:	7141	148575	378096	1227096

6.3

```
D:\cloc>cloc-1.53.exe tiki-6.3
 8131 text files.
 7804 unique files.
1208 files ignored.
```

```
http://cloc.sourceforge.net v 1.53 T=653.0 s (10.2 files/s, 2426.6 lines/s)
```

Language	files	blank	comment	code
PHP	4939	104360	331078	706592
XML	512	565	2	237210
Javascript	606	10802	11649	64287
CSS	205	9618	6456	49171
HTML	77	4263	1808	28444
SQL	294	1001	86	12800
XSD	12	197	74	1672
XSLT	6	176	46	800
ASP	1	129	347	479
Bourne Shell	3	37	25	185

DTD	2	0	0	82
ASP.Net	4	0	0	61
ActionScript	1	8	21	47

SUM:	6662	131156	351592	1101830

3.8

```
D:\cloc>cloc-1.53.exe tikiwiki-3.8
6297 text files.
5978 unique files.
1087 files ignored.

http://cloc.sourceforge.net v 1.53 T=493.0 s (10.1 files/s, 3183.4 lines/s)
-----
Language                files          blank          comment          code
-----
PHP                      3537           86137           474385           547665
XML                       485             150              147           204961
Javascript               563           17563           25267           95743
CSS                       161            6479            3258           35348
SQL                       95             8151             308           29780
HTML                     101            4170            1746           26088
XSLT                       8              200              53            988
Bourne Shell              3              39              14            150
Perl                      1              26              20            135
ColdFusion               1              24              23            101
XSD                       1              28              28            98
DTD                       2              0               0             82
ActionScript              1              8               21            47
-----
SUM:                      4959           122975           505270           941186
-----
```

Zend Framework

This is

```
D:\cloc>cloc-1.53.exe tiki-6.3\tiki-6.3\lib\core\Zend
2736 text files.
2736 unique files.
9 files ignored.

http://cloc.sourceforge.net v 1.53 T=232.0 s (11.8 files/s, 2933.1 lines/s)
-----
Language                files          blank          comment          code
-----
XML                       475            188              0           233973
PHP                      2244           44310           200648           200024
```

XSD	5	108	6	1058
SQL	3	36	57	71

SUM:	2727	44642	200711	435126

PHPLOC

- <https://www.ohloh.net/p/phploc>

1.9.11

First release of the 1.9.x series: 2005-04

phploc of Tiki 1.9.11

```
$ php phploc.phar tikiwiki-1.9.11/
phploc 1.7.1 by Sebastian Bergmann.
```

```
Directories:                270
Files:                      1414

Lines of Code (LOC):        454555
  Cyclomatic Complexity / Lines of Code:    0.14
Comment Lines of Code (CLOC): 232297
Non-Comment Lines of Code (NCLOC): 222258

Namespaces:                 0
Interfaces:                 0
Traits:                     0
Classes:                    475
  Abstract:                  0 (0.00%)
  Concrete:                  475 (100.00%)
  Average Class Length (NCLOC): 237
Methods:                    5627
  Scope:
    Non-Static:              5627 (100.00%)
    Static:                  0 (0.00%)
  Visibility:
    Public:                  5626 (99.98%)
    Non-Public:              1 (0.02%)
  Average Method Length (NCLOC): 20
  Cyclomatic Complexity / Number of Methods: 4.01

Anonymous Functions:        3
Functions:                  634

Constants:                  498
  Global constants:         498
  Class constants:          0
```

2.4

First release of the 2.x series: 2008-08

phploc of Tiki 2.4

```
$ php phploc.phar tikiwiki-2.4/  
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	403
Files:	2017
Lines of Code (LOC):	685005
Cyclomatic Complexity / Lines of Code:	0.21
Comment Lines of Code (CLOC):	433053
Non-Comment Lines of Code (NCLC):	251952
Namespaces:	0
Interfaces:	1
Traits:	0
Classes:	1021
Abstract:	7 (0.69%)
Concrete:	1014 (99.31%)
Average Class Length (NCLC):	199
Methods:	9485
Scope:	
Non-Static:	9461 (99.75%)
Static:	24 (0.25%)
Visibility:	
Public:	9219 (97.20%)
Non-Public:	266 (2.80%)
Average Method Length (NCLC):	21
Cyclomatic Complexity / Number of Methods:	4.53
Anonymous Functions:	4
Functions:	1005
Constants:	1041
Global constants:	953
Class constants:	88

3.9

First release of the 3.x series: 2009-05

phploc of Tiki 3.9

```
$ php phploc.phar tikiwiki-3.9/  
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	707
Files:	3607

Lines of Code (LOC):	1108169
Cyclomatic Complexity / Lines of Code:	0.22
Comment Lines of Code (CLOC):	764386
Non-Comment Lines of Code (NCLOC):	343783
Namespaces:	0
Interfaces:	58
Traits:	0
Classes:	2573
Abstract:	138 (5.36%)
Concrete:	2435 (94.64%)
Average Class Length (NCLOC):	148
Methods:	20287
Scope:	
Non-Static:	19484 (96.04%)
Static:	803 (3.96%)
Visibility:	
Public:	17835 (87.91%)
Non-Public:	2452 (12.09%)
Average Method Length (NCLOC):	18
Cyclomatic Complexity / Number of Methods:	3.68
Anonymous Functions:	3
Functions:	1200
Constants:	4244
Global constants:	950
Class constants:	3294

4.3

First release of the 4.x series: 2009-11

phloc of Tiki 4.3

```
$ php phploc.phar tikiwiki-4.3/
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	826
Files:	4275
Lines of Code (LOC):	1285693
Cyclomatic Complexity / Lines of Code:	0.23
Comment Lines of Code (CLOC):	923936
Non-Comment Lines of Code (NCLOC):	361757
Namespaces:	0
Interfaces:	107
Traits:	0
Classes:	3304
Abstract:	184 (5.57%)
Concrete:	3120 (94.43%)
Average Class Length (NCLOC):	135

Methods:	24378
Scope:	
Non-Static:	23267 (95.44%)
Static:	1111 (4.56%)
Visibility:	
Public:	21147 (86.75%)
Non-Public:	3231 (13.25%)
Average Method Length (NCLOC):	18
Cyclomatic Complexity / Number of Methods:	3.55
Anonymous Functions:	3
Functions:	1538
Constants:	4648
Global constants:	945
Class constants:	3703

5.4

First release of the 5.x series: 2010-06

phloc of Tiki 5.4

```
$ php phloc.phar tiki-5.4/
phloc 1.7.1 by Sebastian Bergmann.
```

Directories:	1011
Files:	5133
Lines of Code (LOC):	1110368
Cyclomatic Complexity / Lines of Code:	0.12
Comment Lines of Code (CLOC):	378203
Non-Comment Lines of Code (NCLOC):	732165
Namespaces:	0
Interfaces:	136
Traits:	0
Classes:	3914
Abstract:	229 (5.85%)
Concrete:	3685 (94.15%)
Average Class Length (NCLOC):	130
Methods:	28069
Scope:	
Non-Static:	26671 (95.02%)
Static:	1398 (4.98%)
Visibility:	
Public:	23927 (85.24%)
Non-Public:	4142 (14.76%)
Average Method Length (NCLOC):	18
Cyclomatic Complexity / Number of Methods:	3.48
Anonymous Functions:	3
Functions:	1724

Constants:	5067
Global constants:	1002
Class constants:	4065

6.8

First release of the 6.x series: 2010-11

phloc of Tiki 6.8

```
$ php phploc.phar tiki-6.8/
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	976
Files:	5236
Lines of Code (LOC):	1181233
Cyclomatic Complexity / Lines of Code:	0.12
Comment Lines of Code (CLOC):	396085
Non-Comment Lines of Code (NCLOC):	785148
Namespaces:	0
Interfaces:	138
Traits:	0
Classes:	4251
Abstract:	236 (5.55%)
Concrete:	4015 (94.45%)
Average Class Length (NCLOC):	128
Methods:	29608
Scope:	
Non-Static:	28100 (94.91%)
Static:	1508 (5.09%)
Visibility:	
Public:	25226 (85.20%)
Non-Public:	4382 (14.80%)
Average Method Length (NCLOC):	18
Cyclomatic Complexity / Number of Methods:	3.49
Anonymous Functions:	5
Functions:	1795
Constants:	5666
Global constants:	965
Class constants:	4701

7.2

First release of the 7.x series: 2011-06

phloc of Tiki 7.2

```
$ php phploc.phar tiki-7.2
```


phploc 1.7.1 by Sebastian Bergmann.

Directories:	1018
Files:	5461
Lines of Code (LOC):	1221220
Cyclomatic Complexity / Lines of Code:	0.12
Comment Lines of Code (CLOC):	402302
Non-Comment Lines of Code (NCLOC):	818918
Namespaces:	0
Interfaces:	158
Traits:	0
Classes:	4406
Abstract:	245 (5.56%)
Concrete:	4161 (94.44%)
Average Class Length (NCLOC):	127
Methods:	30367
Scope:	
Non-Static:	28870 (95.07%)
Static:	1497 (4.93%)
Visibility:	
Public:	25734 (84.74%)
Non-Public:	4633 (15.26%)
Average Method Length (NCLOC):	18
Cyclomatic Complexity / Number of Methods:	3.46
Anonymous Functions:	7
Functions:	1744
Constants:	5747
Global constants:	930
Class constants:	4817

8.5

First release of the 8.x series: 2011-11

phploc of Tiki 8.5

```
$ php phploc.phar tiki-8.5/  
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	1038
Files:	5647
Lines of Code (LOC):	1184504
Cyclomatic Complexity / Lines of Code:	0.13
Comment Lines of Code (CLOC):	403479
Non-Comment Lines of Code (NCLOC):	781025
Namespaces:	0
Interfaces:	163

Traits:	0
Classes:	4596
Abstract:	252 (5.48%)
Concrete:	4344 (94.52%)
Average Class Length (NLOC):	125
Methods:	31696
Scope:	
Non-Static:	30006 (94.67%)
Static:	1690 (5.33%)
Visibility:	
Public:	26785 (84.51%)
Non-Public:	4911 (15.49%)
Average Method Length (NLOC):	18
Cyclomatic Complexity / Number of Methods:	3.40
Anonymous Functions:	3
Functions:	1774
Constants:	5867
Global constants:	861
Class constants:	5006

9.2

First release of the 9.x series: 2012-06

phploc of Tiki 9.2

```
$ php phploc.phar tiki-9.2/
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	1160
Files:	6163
Lines of Code (LOC):	1281719
Cyclomatic Complexity / Lines of Code:	0.13
Comment Lines of Code (CLOC):	436256
Non-Comment Lines of Code (NLOC):	845463
Namespaces:	0
Interfaces:	172
Traits:	0
Classes:	4780
Abstract:	275 (5.75%)
Concrete:	4505 (94.25%)
Average Class Length (NLOC):	131
Methods:	33470
Scope:	
Non-Static:	31594 (94.39%)
Static:	1876 (5.61%)
Visibility:	
Public:	28188 (84.22%)
Non-Public:	5282 (15.78%)

Average Method Length (NCLLOC):	18
Cyclomatic Complexity / Number of Methods:	3.44
Anonymous Functions:	3
Functions:	1885
Constants:	6021
Global constants:	980
Class constants:	5041

phploc of Zend Framework in Tiki 9.2

```
$ php phploc.phar tiki-9.2/lib/core/Zend/
phploc 1.7.1 by Sebastian Bergmann.
```

Directories:	495
Files:	2379
Lines of Code (LOC):	470465
Cyclomatic Complexity / Lines of Code:	0.11
Comment Lines of Code (CLOC):	219665
Non-Comment Lines of Code (NCLLOC):	250800
Namespaces:	0
Interfaces:	119
Traits:	0
Classes:	2258
Abstract:	194 (8.59%)
Concrete:	2064 (91.41%)
Average Class Length (NCLLOC):	114
Methods:	15714
Scope:	
Non-Static:	14619 (93.03%)
Static:	1095 (6.97%)
Visibility:	
Public:	12401 (78.92%)
Non-Public:	3313 (21.08%)
Average Method Length (NCLLOC):	16
Cyclomatic Complexity / Number of Methods:	2.80
Anonymous Functions:	2
Functions:	0
Constants:	3767
Global constants:	2
Class constants:	3765

12.0

phploc of Tiki 12.0

```
phploc$ php phploc.phar tiki-12.0
phploc 2.0.4 by Sebastian Bergmann.
```

Directories	1467
Files	7670
Size	
Lines of Code (LOC)	1566541
Comment Lines of Code (CLOC)	466975 (29.81%)
Non-Comment Lines of Code (NCLLOC)	1099566 (70.19%)
Logical Lines of Code (LLOC)	322113 (20.56%)
Classes	261551 (81.20%)
Average Class Length	39
Average Method Length	6
Functions	24440 (7.59%)
Average Function Length	10
Not in classes or functions	36122 (11.21%)
Complexity	
Cyclomatic Complexity / LLOC	0.39
Cyclomatic Complexity / Number of Methods	3.35
Dependencies	
Global Accesses	26023
Global Constants	6460 (24.82%)
Global Variables	4284 (16.46%)
Super-Global Variables	15279 (58.71%)
Attribute Accesses	97255
Non-Static	94385 (97.05%)
Static	2870 (2.95%)
Method Calls	121237
Non-Static	107572 (88.73%)
Static	13665 (11.27%)
Structure	
Namespaces	32
Interfaces	248
Traits	0
Classes	6606
Abstract Classes	447 (6.77%)
Concrete Classes	6159 (93.23%)
Methods	42230
Scope	
Non-Static Methods	39999 (94.72%)
Static Methods	2231 (5.28%)
Visibility	
Public Method	37453 (88.69%)
Non-Public Methods	4777 (11.31%)
Functions	2422
Named Functions	2213 (91.37%)
Anonymous Functions	209 (8.63%)
Constants	7637
Global Constants	1092 (14.30%)

Nice to have

- A graphical representation of LOCs over time, with some dots for releases
 - Overlay of number of active devs and commit stats would be nice... (data could be taken from Ohloh...)
 - Also, number of prefs, modules and plugins, where we'll perhaps see the rate of new features vs refinement of features.

Related

- https://www.openhub.net/p/tikiwiki/analyses/latest/languages_summary
 - The Ohloh stats are way off from the real stats.
 - There is a [known issue](#) with branches on Ohloh where if you use SVN, either your commit stats will be incorrect, or you LoC count is off. We chose the later.
 - Untranslated strings are managed in SVN by a script to make it easier for translators to know what to translate, but these are removed at release time to keep the downloads smaller. This artificially boosts the LoC but it's not real work to maintain.
- http://en.wikipedia.org/wiki/Source_lines_of_code
- [Tiki Software and Community Dashboard](#)

alias

- [SLoC](#)
- [CLoC](#)
- [LoC](#)
- [LoCs](#)
- [Lines of Source Code](#)