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              8           755
Pascal                          2           171            1661           750
HTML                            12            80             23           374
ActionScript                   1             7             12            51
ASP.Net                         2             0              0            22
```

### 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)

<table>
<thead>
<tr>
<th>Language</th>
<th>files</th>
<th>blank</th>
<th>comment</th>
<th>code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP</td>
<td>5197</td>
<td>110589</td>
<td>346616</td>
<td>756290</td>
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<tr>
<td>XML</td>
<td>526</td>
<td>820</td>
<td>34</td>
<td>239020</td>
</tr>
<tr>
<td>Javascript</td>
<td>712</td>
<td>20156</td>
<td>22145</td>
<td>129987</td>
</tr>
<tr>
<td>CSS</td>
<td>243</td>
<td>10637</td>
<td>7181</td>
<td>54734</td>
</tr>
<tr>
<td>HTML</td>
<td>105</td>
<td>1035</td>
<td>85</td>
<td>13524</td>
</tr>
<tr>
<td>SQL</td>
<td>330</td>
<td>197</td>
<td>74</td>
<td>1672</td>
</tr>
<tr>
<td>XSLT</td>
<td>6</td>
<td>176</td>
<td>46</td>
<td>800</td>
</tr>
<tr>
<td>Bourne Shell</td>
<td>2</td>
<td>33</td>
<td>26</td>
<td>170</td>
</tr>
<tr>
<td>DTD</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>82</td>
</tr>
<tr>
<td>ASP.Net</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>61</td>
</tr>
<tr>
<td>ActionScript</td>
<td>1</td>
<td>8</td>
<td>21</td>
<td>47</td>
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</table>

### 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)

<table>
<thead>
<tr>
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<th>blank</th>
<th>comment</th>
<th>code</th>
</tr>
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<tr>
<td>PHP</td>
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<td>331078</td>
<td>706592</td>
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<td>XML</td>
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<td>565</td>
<td>2</td>
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<td>Javascript</td>
<td>606</td>
<td>10802</td>
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<td>9618</td>
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<td>49171</td>
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<tr>
<td>HTML</td>
<td>77</td>
<td>4263</td>
<td>1808</td>
<td>28444</td>
</tr>
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<td>files</td>
<td>blank</td>
<td>comment</td>
<td>code</td>
</tr>
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<td>------------------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>---------</td>
</tr>
<tr>
<td>PHP</td>
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<td>474385</td>
<td>547665</td>
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<tr>
<td>XML</td>
<td>485</td>
<td>150</td>
<td>147</td>
<td>204961</td>
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<tr>
<td>Javascript</td>
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<td>17563</td>
<td>25267</td>
<td>95743</td>
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<td>CSS</td>
<td>161</td>
<td>6479</td>
<td>3258</td>
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<td>SQL</td>
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<td>HTML</td>
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<td>1746</td>
<td>26088</td>
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<td>XSLT</td>
<td>8</td>
<td>200</td>
<td>53</td>
<td>988</td>
</tr>
<tr>
<td>Bourne Shell</td>
<td>3</td>
<td>39</td>
<td>14</td>
<td>150</td>
</tr>
<tr>
<td>Perl</td>
<td>1</td>
<td>26</td>
<td>20</td>
<td>135</td>
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<td>ColdFusion</td>
<td>1</td>
<td>24</td>
<td>23</td>
<td>101</td>
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<tr>
<td>XSD</td>
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<td>28</td>
<td>28</td>
<td>98</td>
</tr>
<tr>
<td>DTD</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>82</td>
</tr>
<tr>
<td>ActionScript</td>
<td>1</td>
<td>8</td>
<td>21</td>
<td>47</td>
</tr>
<tr>
<td><strong>SUM:</strong></td>
<td>4959</td>
<td>122975</td>
<td>505270</td>
<td>941186</td>
</tr>
</tbody>
</table>

Zend Framework

This is

D:\cloc>cloc-1.53.exe tiki-6.3	iki-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)

<table>
<thead>
<tr>
<th>Language</th>
<th>files</th>
<th>blank</th>
<th>comment</th>
<th>code</th>
</tr>
</thead>
<tbody>
<tr>
<td>XML</td>
<td>475</td>
<td>188</td>
<td>0</td>
<td>233973</td>
</tr>
<tr>
<td>PHP</td>
<td>2244</td>
<td>44310</td>
<td>200648</td>
<td>200024</td>
</tr>
<tr>
<td>XSD</td>
<td>5</td>
<td>108</td>
<td>6</td>
<td>1058</td>
</tr>
<tr>
<td>SQL</td>
<td>3</td>
<td>36</td>
<td>57</td>
<td>71</td>
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<tr>
<td>SUM:</td>
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<td>44642</td>
<td>200711</td>
<td>435126</td>
</tr>
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</table>

PHPLOC

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

1.9.11

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

phlpc of Tiki 1.9.11

$ php phplpc.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 (NCLOC): 251952

Namespaces: 0
Interfaces: 1
Traits: 0
Classes: 1021
  Abstract: 7 (0.69%)
  Concrete: 1014 (99.31%)
  Average Class Length (NCLOC): 199
Methods: 9485
  Non-Static: 9461 (99.75%)
  Static: 24 (0.25%)
Visibility:
  Public: 9219 (97.20%)
  Non-Public: 266 (2.80%)
  Average Method Length (NCLOC): 21
  Cyclomatic Complexity / Number of Methods: 4.53

Anonymous Functions: 4
Functions: 1005

Constants: 1041
  Global constants: 953
3.9
First release of the 3.x series: 2009-05

phloc of Tiki 3.9

$ php phloc.phar tikiwiki-3.9/
phloc 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 phploc.phar tiki-5.4/
phploc 1.7.1 by Sebastian Bergmann.

Directories: 1011
Files: 5133

Lines of Code (LOC): 1110368
  Cyclomatic Complexity / Lines of Code: 0.12
<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comment Lines of Code (CLOC)</td>
<td>378203</td>
</tr>
<tr>
<td>Non-Comment Lines of Code (NCLOC)</td>
<td>732165</td>
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<td>Namespaces</td>
<td>0</td>
</tr>
<tr>
<td>Interfaces</td>
<td>136</td>
</tr>
<tr>
<td>Traits</td>
<td>0</td>
</tr>
<tr>
<td>Classes</td>
<td>3914</td>
</tr>
<tr>
<td>Abstract</td>
<td>229 (5.85%)</td>
</tr>
<tr>
<td>Concrete</td>
<td>3685 (94.15%)</td>
</tr>
<tr>
<td>Average Class Length (NCLOC)</td>
<td>130</td>
</tr>
<tr>
<td>Methods</td>
<td>28069</td>
</tr>
<tr>
<td>Scope</td>
<td></td>
</tr>
<tr>
<td>Non-Static</td>
<td>26671 (95.02%)</td>
</tr>
<tr>
<td>Static</td>
<td>1398 (4.98%)</td>
</tr>
<tr>
<td>Visibility</td>
<td></td>
</tr>
<tr>
<td>Public</td>
<td>23927 (85.24%)</td>
</tr>
<tr>
<td>Non-Public</td>
<td>4142 (14.76%)</td>
</tr>
<tr>
<td>Average Method Length (NCLOC)</td>
<td>18</td>
</tr>
<tr>
<td>Cyclomatic Complexity / Number of Methods</td>
<td>3.48</td>
</tr>
<tr>
<td>Anonymous Functions</td>
<td>3</td>
</tr>
<tr>
<td>Functions</td>
<td>1724</td>
</tr>
<tr>
<td>Constants</td>
<td>5067</td>
</tr>
<tr>
<td>Global constants</td>
<td>1002</td>
</tr>
<tr>
<td>Class constants</td>
<td>4065</td>
</tr>
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</table>

6.8
First release of the 6.x series: 2010-11

`phloc of Tiki 6.8`

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

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Directories</td>
<td>976</td>
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<tr>
<td>Files</td>
<td>5236</td>
</tr>
<tr>
<td>Lines of Code (LOC)</td>
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<tr>
<td>Cyclomatic Complexity / Lines of Code</td>
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<tr>
<td>Comment Lines of Code (CLOC)</td>
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<tr>
<td>Non-Comment Lines of Code (NCLOC)</td>
<td>785148</td>
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<tr>
<td>Namespaces</td>
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</tr>
<tr>
<td>Interfaces</td>
<td>138</td>
</tr>
<tr>
<td>Traits</td>
<td>0</td>
</tr>
<tr>
<td>Classes</td>
<td>4251</td>
</tr>
<tr>
<td>Abstract</td>
<td>236 (5.55%)</td>
</tr>
<tr>
<td>Concrete</td>
<td>4015 (94.45%)</td>
</tr>
<tr>
<td>Average Class Length (NCLOC)</td>
<td>128</td>
</tr>
</tbody>
</table>
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 (NCLOC): 125
Methods: 31696
  Non-Static: 30006 (94.67%)
  Static: 1690 (5.33%)

Visibility:
  Public: 26785 (84.51%)
  Non-Public: 4911 (15.49%)

Average Method Length (NCLOC): 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.

<table>
<thead>
<tr>
<th>Metric</th>
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<td>Non-Comment Lines of Code (NCLOC)</td>
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<tr>
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<tr>
<td>Traits</td>
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<td>Classes</td>
<td>4780</td>
</tr>
<tr>
<td>Abstract</td>
<td>275 (5.75%)</td>
</tr>
<tr>
<td>Concrete</td>
<td>4505 (94.25%)</td>
</tr>
<tr>
<td>Average Class Length (NCLOC)</td>
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<tr>
<td>Methods</td>
<td>33470</td>
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<td>Scope</td>
<td></td>
</tr>
<tr>
<td>Non-Static</td>
<td>31594 (94.39%)</td>
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<tr>
<td>Static</td>
<td>1876 (5.61%)</td>
</tr>
<tr>
<td>Visibility</td>
<td></td>
</tr>
<tr>
<td>Public</td>
<td>28188 (84.22%)</td>
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<tr>
<td>Non-Public</td>
<td>5282 (15.78%)</td>
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<tr>
<td>Average Method Length (NCLOC)</td>
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<tr>
<td>Cyclomatic Complexity / Number of Methods</td>
<td>3.44</td>
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<td>Global constants</td>
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<tr>
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</table>

### phploc of Zend Framework in Tiki 9.2

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

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
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<tr>
<td>Directories</td>
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<tr>
<td>Files</td>
<td>2379</td>
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</table>
Lines of Code (LOC): 470465

Cyclomatic Complexity / Lines of Code: 0.11

Comment Lines of Code (CLOC): 219665
Non-Comment Lines of Code (NCLOC): 250800

Namespaces: 0
Interfaces: 119
Traits: 0
Classes: 2258
  Abstract: 194 (8.59%)
  Concrete: 2064 (91.41%)
Average Class Length (NCLOC): 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 (NCLOC): 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 (NCLOC) 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
  - 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%)
  - Class Constants: 6545 (85.70%)

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### 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](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.

• Tiki Software and Community Dashboard

alias

• SLoC
• CLoC
• LoC
• LoCs
• Lines of Source Code