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)

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

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>
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<td>2059</td>
<td>51615</td>
<td>105234</td>
<td>308285</td>
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<tr>
<td>Javascript</td>
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</tr>
<tr>
<td>CSS</td>
<td>139</td>
<td>9834</td>
<td>3275</td>
<td>42634</td>
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<td>SQL</td>
<td>424</td>
<td>1000</td>
<td>43</td>
<td>19112</td>
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<tr>
<td>XML</td>
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<td>1250</td>
</tr>
<tr>
<td>Bourne Shell</td>
<td>2</td>
<td>135</td>
<td>144</td>
<td>866</td>
</tr>
<tr>
<td>XSD</td>
<td>8</td>
<td>125</td>
<td>108</td>
<td>755</td>
</tr>
<tr>
<td>Pascal</td>
<td>2</td>
<td>171</td>
<td>1661</td>
<td>750</td>
</tr>
<tr>
<td>HTML</td>
<td>12</td>
<td>80</td>
<td>23</td>
<td>374</td>
</tr>
<tr>
<td>ActionScript</td>
<td>1</td>
<td>7</td>
<td>12</td>
<td>51</td>
</tr>
<tr>
<td>ASP.Net</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>SUM:</td>
<td>2803</td>
<td>69489</td>
<td>117655</td>
<td>418996</td>
</tr>
</tbody>
</table>
### Tiki-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>
<th>Language</th>
<th>files</th>
<th>blank</th>
<th>comment</th>
<th>code</th>
</tr>
</thead>
<tbody>
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<td>PHP</td>
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<td>XML</td>
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<td>565</td>
<td>2</td>
<td>237210</td>
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<tr>
<td>Javascript</td>
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<td>10802</td>
<td>11649</td>
<td>64287</td>
</tr>
<tr>
<td>CSS</td>
<td>205</td>
<td>9618</td>
<td>6456</td>
<td>49171</td>
</tr>
<tr>
<td>HTML</td>
<td>77</td>
<td>4263</td>
<td>1808</td>
<td>28444</td>
</tr>
<tr>
<td>SQL</td>
<td>294</td>
<td>1001</td>
<td>86</td>
<td>12800</td>
</tr>
<tr>
<td>XSD</td>
<td>12</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>ASP</td>
<td>1</td>
<td>129</td>
<td>347</td>
<td>479</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>
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<tr>
<td>ActionScript</td>
<td>1</td>
<td>8</td>
<td>21</td>
<td>47</td>
</tr>
</tbody>
</table>

SUM: 6662 131156 351592 1101830

### Tiki-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)

<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>3537</td>
<td>86137</td>
<td>474385</td>
<td>547665</td>
</tr>
<tr>
<td>XML</td>
<td>485</td>
<td>150</td>
<td>147</td>
<td>204961</td>
</tr>
</tbody>
</table>
### Javascript
- Files: 563
- Blank: 17563
- Comment: 25267
- Code: 95743

### CSS
- Files: 161
- Blank: 6479
- Comment: 3258
- Code: 35348

### SQL
- Files: 95
- Blank: 8151
- Comment: 308
- Code: 29780

### HTML
- Files: 101
- Blank: 4170
- Comment: 1746
- Code: 26088

### XSLT
- Files: 8
- Blank: 200
- Comment: 53
- Code: 988

### Bourne Shell
- Files: 3
- Blank: 39
- Comment: 14
- Code: 150

### Perl
- Files: 1
- Blank: 26
- Comment: 20
- Code: 135

### ColdFusion
- Files: 1
- Blank: 24
- Comment: 23
- Code: 101

### XSD
- Files: 1
- Blank: 20
- Comment: 6
- Code: 98

### DTD
- Files: 2

### ActionScript
- Files: 1

---

### SUM:
- Files: 4959
- Blank: 122975
- Comment: 505270
- Code: 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)

<table>
<thead>
<tr>
<th>Language</th>
<th>files</th>
<th>blank</th>
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<th>code</th>
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<tbody>
<tr>
<td>XML</td>
<td>475</td>
<td>188</td>
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<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>
</tr>
</tbody>
</table>

**SUM:**
- Files: 2727
- Blank: 44642
- Comment: 200711
- Code: 435126

---

### PHPLOC

- [https://www.ohloh.net/p/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):
- Cyclomatic Complexity / Lines of Code: 454555
- 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 (NLOC): 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 (NLOC): 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 (NLOC): 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 (NLOC): 21
Cyclomatic Complexity / Number of Methods: 4.53

Anonymous Functions: 4
Functions: 1005

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

```
phloc of Tiki 3.9
$ php phploc.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:
  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/
phloc 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

$ 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
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
### 6.8

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

**phloc of Tiki 6.8**

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
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<td>Files</td>
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<tr>
<td>Non-Comment Lines of Code (NCLOC):</td>
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<td>Namespaces</td>
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<td>Interfaces</td>
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</tr>
<tr>
<td>Traits</td>
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</tr>
<tr>
<td>Classes</td>
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<tr>
<td>Abstract:</td>
<td>236</td>
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<tr>
<td>Concrete:</td>
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<td>Average Class Length (NCLOC):</td>
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<tr>
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<tr>
<td>Non-Static:</td>
<td>28100</td>
</tr>
<tr>
<td>Static:</td>
<td>1508</td>
</tr>
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<td>Average Method Length (NCLOC):</td>
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<td>Cyclomatic Complexity / Number of Methods:</td>
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<td>Functions</td>
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</tr>
<tr>
<td>Class constants</td>
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</table>

### 7.2

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

**phloc of Tiki 7.2**

```bash
$ php phploc.phar tiki-7.2
phploc 1.7.1 by Sebastian Bergmann.
```

<table>
<thead>
<tr>
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<th>Value</th>
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<td>Files</td>
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<td>Lines of Code (LOC):</td>
<td>1221220</td>
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<td>Cyclomatic Complexity / Lines of Code:</td>
<td>0.12</td>
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<tr>
<td>Comment Lines of Code (CLOC):</td>
<td>402302</td>
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</tbody>
</table>
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

Anonymous Functions: 7
Functions: 1744

Constants:
  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
  Scope:
    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
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 (NCLOC): 845463

Namespaces: 0
Interfaces: 172
Traits: 0
Classes: 4780
  Abstract: 275 (5.75%)
  Concrete: 4505 (94.25%)
Average Class Length (NCLOC): 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 (NCLOC): 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 (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
Non-Static 121237
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%)
Class Constants 6545 (85.70%)

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.
- Tiki Software and Community Dashboard

alias
- SLoC
- CLoC
- LoC
- LoCs
- Lines of Source Code