**Table1.** Summary of the Boto

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2011.7 | 2.0 | 29.246 | 217 |
| 2012.2 | 2.2.0 | 34.838 | 242 |
| 2012.9 | 2.6.0 | 46.195 | 269 |
| 2013.4 | 2.9.0 | 57.270 | 296 |
| 2013.12 | 2.20.0 | 90.818 | 576 |
| 2014.4 | 2.28.0 | 104.967 | 617 |
| 2014.10 | 2.34.0 | 111.487 | 654 |

**Table2.** Summary of the Django

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2008-09 | 1.0 | 83.136 | 956 |
| 2009-07 | 1.1 | 98.259 | 1104 |
| 2010-05 | 1.2 | 113.402 | 1431 |
| 2011-03 | 1.3 | 136.948 | 1645 |
| 2012-03 | 1.4 | 160.510 | 1872 |
| 2013-02 | 1.5 | 162.617 | 1817 |
| 2013-11 | 1.6 | 165.184 | 1715 |
| 2014-09 | 1.7 | 193.440 | 1902 |

**Table3.** Summary of the Numpy

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2007-12 | 1.0.4 | 58.866 | 255 |
| 2008-5 | 1.1.0 | 74.093 | 307 |
| 2008-10 | 1.2.1 | 69.01 | 291 |
| 2009-7 | 1.3.0 | 79.933 | 313 |
| 2010-6 | 1.4.1 | 98.433 | 350 |
| 2011-2 | 1.5.1 | 104.741 | 364 |
| 2011-7 | 1.6.1 | 117.256 | 397 |
| 2012-8 | 1.6.2 | 118.024 | 398 |
| 2013-2 | 1.7.0 | 129.11 | 405 |
| 2013-10 | 1.8.0 | 130.953 | 407 |
| 2014-8 | 1.8.2 | 131.218 | 393 |

**Table4.** Summary of the Matplotlib

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2009.8.6 | 0.99.0 | 124,765 | 1319 |
| 2010.7.2 | 0.99.3 | 99,934 | 1339 |
| 2011.1.3 | 1.0.0 | 138.276 | 1502 |
| 2012.2.15 | 1.1.0 | 145.834 | 1578 |
| 2013.1.8 | 1.2.0 | 163.78 | 1677 |
| 2013.10.26 | 1.3.1 | 120.362 | 767 |
| 2014.8.26 | 1.4.0 | 172.013 | 1774 |

**Table5.** Summary of the Scipy

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2009.2 | 0.7.0 | 93.27 | 434 |
| 2009.7 | 0.7.1 | 91.479 | 419 |
| 2010.4 | 0.7.2 | 91.487 | 419 |
| 2011.3 | 0.9.0 | 109.074 | 467 |
| 2011.11 | 0.10.0 | 116.84 | 472 |
| 2012.9 | 0.11.0 | 124.98 | 489 |
| 2013.4 | 0.12.0 | 131.291 | 487 |
| 2013.12 | 0.13.2 | 149.471 | 510 |
| 2014.5 | 0.14.0 | 157.351 | 518313 |

**Table6.** Summary of the Bzr

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2008.2 | 1.2 | 148.183 | 585 |
| 2008.10 | 1.7 | 163.574 | 620 |
| 2009.4 | 1.14 | 198.661 | 695 |
| 2009.10 | 2.0.0 | 214.889 | 731 |
| 2010.2 | 2.1.0 | 223.304 | 752 |
| 2010.9 | 2.2.0 | 228.926 | 754 |
| 2011.2 | 2.3.0 | 235.878 | 781 |
| 2011.8 | 2.4.0 | 248.697 | 815 |
| 2012.3 | 2.5.0 | 261.032 | 830 |
| 2013.8 | 2.6.0 | 263.454 | 829 |

**Table7.** Summary of the Tornado

|  |  |  |  |
| --- | --- | --- | --- |
| Release Dates | Releases | Number of | |
| KLOC | files |
| 2010.7 | 1.0.0 | 10.915 | 42 |
| 2011.2 | 1.2.0 | 13.076 | 56 |
| 2011.9 | 2.1.0 | 15.387 | 67 |
| 2012.1 | 2.2.0 | 16.149 | 76 |
| 2012.9 | 2.4.0 | 17.39 | 83 |
| 2013.3 | 3.0.0 | 18.879 | 93 |
| 2013.9 | 3.1.1 | 20.734 | 95 |
| 2014.5 | 3.2.1 | 21.908 | 97 |
| 2014.9 | 4.0.2 | 25.17 | 102 |