Sakai

Publisher's Note: In a January 8, 2007 email Sakai Board Member Clay Fenlason commented: "Also note that the Sakai analysis only goes back as far as the svn reorganization last April, and it's only for the modules that are included in the release."

Sakai is an online Collaboration and Learning Environment. Many users of Sakai deploy it to support teaching and learning, ad hoc group collaboration, support for portfolios and research collaboration.

Sakai is a free and open source product that is built and maintained by the Sakai community. Sakai's development model is called "Community Source" because many of the developers creating Sakai are drawn from the "community" of organizations that have adopted and are using Sakai.

Contributors

Over the history of the project, 43 developers have contributed code. However, only 42 have done so in the last year.

Contributor	Comment Ratio	Person Years	Primary Language	Lines modified
lance@indiana.edu	25.7%	0.8	Java	376,508
ggolden@umich.edu	46.0%	0.9	Java	366,120
ian@caret.cam.ac.uk	43.5%	0.8	Java	171,081
daisyf@stanford.edu	35.4%	0.8	Java	134,873
See More Below				

Codebase

This project is enlisted in 63 repositories (see details). The source code repositories show that the project is 10 months old.

Languages

Ohloh analyzes the project source code and determines the language of each line of code, excluding comments and blanks.

Java	56%
XML	18%
JavaScript	12%
HTML	11%
Other	
CSS	2%
PHP	<1%
Perl	<1%
Python	<1%
shell script	<1%
DOS batch script	<1%
Ruby	<1%

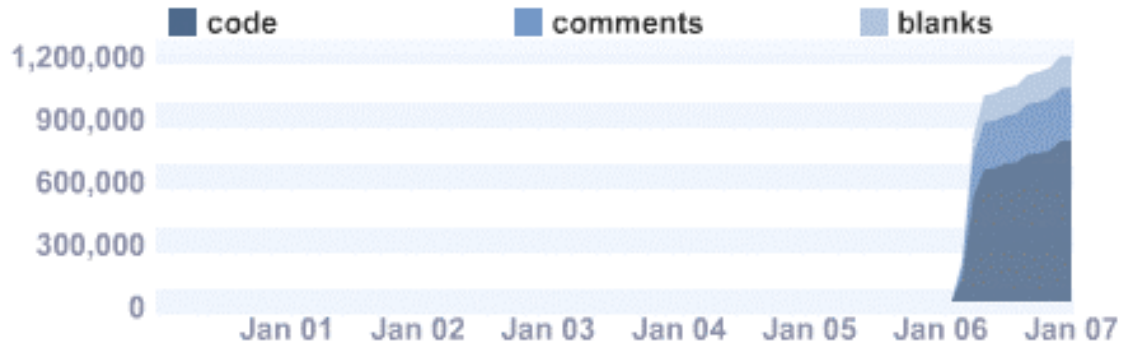
Licenses

The official license of this project is:

Educational Community License
Additionally, Ohloh searches the source code for individual license declarations. These licenses can differ from the project's official license.

Educational Community License	3138 files
Apache Software License	389 files
GNU Library or "Lesser" GPL	240 files
BSD-ish License	3 files
GNU General Public License	1 files

Codebase History



Factoids

- Very large, active development team
- Short source control history
- Apache Software License may conflict with GPL

Project Cost

This calculator estimates how much it would cost to hire a team to write this project from scratch.

Include:	Markup and Code
Codebase	772,195 LOC
Effort (est.)	209 Person Years
Avg. Salary	$79,369
Total	$16,570,091

Contributors

Name	Activity (5 years)	Comment Ratio	Person Years	Main Language	Code Total
lance@indiana.edu		25.7%	0.8	Java	376,508
ggolden@umich.edu		46.0%	0.9	Java	366,120
ian@caret.cam.ac.uk		43.5%	0.8	Java	171,081
daisyf@stanford.edu		35.4%	0.8	Java	134,873
ray@media.berkeley.edu		37.9%	0.7	Java	92,083
jholtzman@berkeley.edu		41.8%	0.9	Java	57,981
clayf@bu.edu		5.9%	0.2	HTML	42,758
chmaurer@iupui.edu		35.6%	0.8	Java	38,135
ajpoland@iupui.edu		25.6%	0.5	Java	35,413
lydial@stanford.edu		41.2%	0.7	Java	23,871
marquard@ched.uct.ac.za		8.0%	0.7	HTML	18,199
josrodri@iupui.edu		34.2%	0.5	Java	16,389
cwen@iupui.edu		34.4%	0.8	Java	15,295
jimeng@umich.edu		50.9%	0.8	Java	14,342
ktsao@stanford.edu		29.3%	0.8	Java	10,146
gsilver@umich.edu		16.3%	0.7	CSS	8,743

john.ellis@rsmart.com		23.5%	0.7	Java	7,000
wagnermr@iupui.edu		9.3%	0.7	Java	6,439
csev@umich.edu		25.2%	0.5	Java	5,792
zqian@umich.edu		25.2%	0.8	Java	3,952
andersjb@iupui.edu		41.1%	0.7	Java	3,308
jlannan@iupui.edu		14.5%	0.2	Java	3,239
zach.thomas@txstate.edu		26.3%	0.3	Java	2,784
louis@media.berkeley.edu		26.2%	0.5	Java	2,435
s-githens@northwestern.edu		30.9%	0.3	Java	1,987
stephen.marquard@uct.ac.za		2.5%	0.2	HTML	1,911
bbiltimier@rsmart.com		5.6%	0.3	XML	1,398
andrew@caret.cam.ac.uk		26.2%	0.4	Java	1,337
joshua.ryan@asu.edu		39.5%	0.6	Java	1,334
bkirschn@umich.edu		29.2%	0.8	Java	1,048
hquinn@stanford.edu		27.0%	0.2	HTML	1,017
suiyy@umich.edu		34.9%	0.2	Java	769
jmpease@syr.edu		133.8%	0.1	Java	461
nuno@ufp.pt		13.1%	0.3	Java	214

dlhaines@umich.edu		29.6%	0.1	XML	108
m.gonzalez@lancaster.ac.uk		n/a	0.1	Java	77
njbotime@svsu.edu		n/a	0.1	Java	48
tnguyen@iupui.edu		n/a	0.1	Java	36
hedrick@rutgers.edu		n/a	0.2	Java	17
rwellis@umich.edu		n/a	0.1	Java	17
markjnorton@earthlink.net		n/a	0.1	Java	7
slt@columbia.edu		n/a	0.2	Java	3
jleasia@umich.edu		n/a	0.0	n/a	0

Sakai

Publisher's Note: In a January 8, 2007 email Sakai Board Member Clay Fenlason commented: "Also note that the Sakai analysis only goes back as far as the svn reorganization last April, and it's only for the modules that are included in the release."

Sakai is an online Collaboration and Learning Environment. Many users of Sakai deploy it to support teaching and learning, ad hoc group collaboration, support for portfolios and research collaboration.

Sakai is a free and open source product that is built and maintained by the Sakai community. Sakai's development model is called "Community Source" because many of the developers creating Sakai are drawn from the "community" of higher ed institutions and commercial affiliates which have signed on as formal, fee-paying partners in the endeavor. Its direction and development are guided by member collaboration, while central resources are coordinated by a foundation and an elected board.

"Sakai (contrib)" represents experimental code not yet included in releases. See also "Sakai (core)".

38 Active Developers

Over the history of the project, 40 developers have contributed code. However, only 38 have done so in the last year.

Contributor	Commits	Person Years
s-githens@northwestern.edu	237	1.2
jmpease@syr.edu	158	0.9
aaronz@vt.edu	153	0.8
gbhatnag@umich.edu	144	0.8

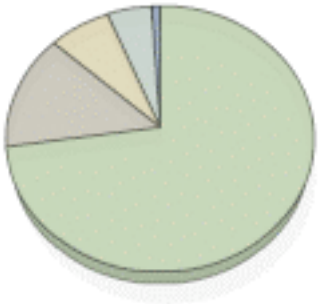
Codebase

This project is enlisted in 34 repositories (see details). The source code repositories show that the project is 1 year old. The history of souce code activity can be browsed here.

Languages

Ohloh analyzes the project source code and determines the language of each line of code, excluding comments and blanks.

Java	72%
XML	14%
HTML	7%
JavaScript	5%
Other	
CSS	1%
Python	<1%
shell script	<1%
PHP	<1%
Perl	<1%
DOS batch script	<1%

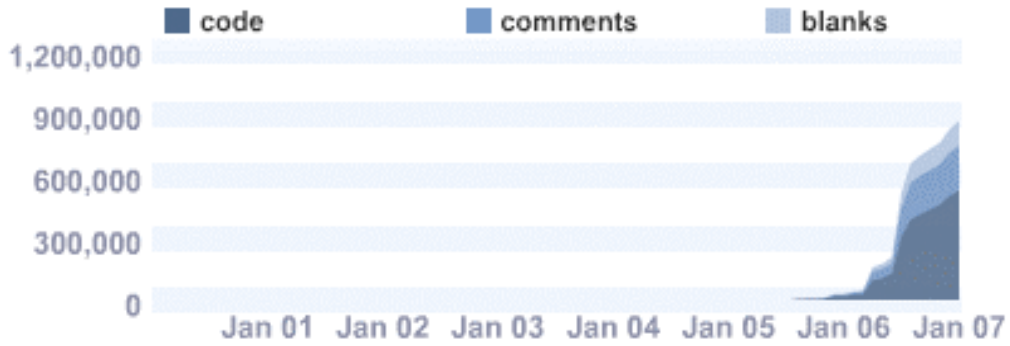


Licenses

Ohloh searches the source code for individual license declarations. These licenses can differ from the project's official license.

Educational Community License	935 files
GNU General Public License	72 files
Apache Software License	33 files
GNU Library or "Lesser" GPL	3 files

Codebase History



Ohloh Summary

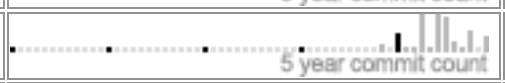
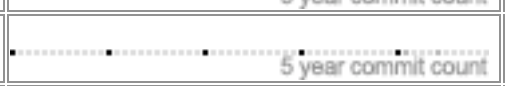
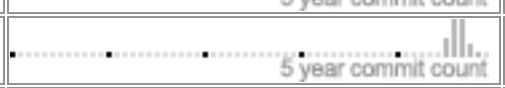
- Very large, active development team
- Apache Software License may conflict with GPL

Project Cost

This calculator estimates how much it would cost to hire a team to write this project from scratch.

Include:	Markup and Code
Codebase	530,123 LOC
Effort (est.)	141 Person Years
Avg. Salary	$79,369
Total	$11,218,111

Contributors

Name	Activity (5 years)	Comment Ratio	Person Years	Main Language	Code Total
jpgorrono@ucdavis.edu		54.1%	0.3	Java	379,029
s-githens@northwestern.edu		13.6%	1.2	Java	93,956
nuno@ufp.pt		26.2%	0.8	Java	80,592
jmpease@syr.edu		30.5%	1.0	Java	79,297
aaronz@vt.edu		41.2%	1.0	Java	59,095
ccjon		54.5%	0.2	Java	53,988
gbhatnag@umich.edu		33.1%	0.4	Java	51,697
lance@indiana.edu		35.2%	0.1	XML	45,216
ian@caret.cam.ac.uk		36.0%	0.5	Java	34,619
joshua.ryan@asu.edu		21.9%	0.5	Java	34,502
jimeng@umich.edu		31.9%	0.6	Java	13,146
zqian@umich.edu		24.7%	0.9	Java	11,651
dhorwitz@ched.uct.ac.za		21.3%	0.4	Java	11,580
ssmail@indiana.edu		56.8%	0.3	Java	10,841

kimsooil@bu.edu		17.7%	0.2	Java	5,772
davia@us.ibm.com		5.5%	0.1	Java	5,192
rwellis@umich.edu		59.8%	0.2	Java	4,688
bkirschn@umich.edu		32.8%	0.2	Java	4,597
hedrick@rutgers.edu		34.4%	0.3	Java	4,470
tpamsler@ucdavis.edu		21.7%	0.2	XML	3,766
zach.thomas@txstate.edu		16.3%	0.2	Java	2,549
ajpoland@iupui.edu		16.4%	0.2	CSS	1,740
anthony.atkins@vt.edu		17.5%	0.1	Java	1,390
dueberb@umich.edu		35.6%	0.2	Java	995
csev@umich.edu		8.9%	0.1	Java	894
jholtzman@berkeley.edu		22.9%	0.4	Java	809
singerkd@whitman.edu		21.6%	0.1	Java	783
jbush@rsmart.com		14.4%	0.1	XML	666
fengr@vt.edu		42.4%	0.1	Java	594
sfischbein@ucdavis.edu		12.2%	0.1	XML	434

markjnorton@earthlink.net		46.7%	0.1	Java	411
gsilver@umich.edu		0.0%	0.1	HTML	219
bkoehmstedt@ucmerced.edu		161.2%	0.1	Java	129
whumphri@vt.edu		1.8%	0.1	Java	111
david.horwitz@uct.ac.za		4.9%	0.1	Java	102
ggolden@umich.edu		n/a	0.1	XML	80
spfjr@umd.edu		n/a	0.1	Java	20
matthew.buckett@oucs.ox.ac.uk		n/a	0.1	Java	5
tdinchak@unicon.net		n/a	0.1	Java	0
jeffrey.beeman@asu.edu		n/a	0.0	n/a	0

Moodle

Moodle is a learning management system for producing Internet-based course Web sites. It is written in PHP and is easy to install and use on Linux, Windows, Mac OS X, SunOS, BSD, and Netware 6. It has been designed to support modern pedagogies based on social constructionist theory, and includes activity modules such as forums, chats, resources, journals, quizzes, surveys, choices, workshops, glossaries, lessons, and assignments. It has been translated into over 70 languages, with more on the way, and supports the popular SCORM standard for content packaging. Moodle offers a free alternative to commercial software such as WebCT or Blackboard, and is being used by a growing number of universities, schools, and independent teachers for distance education or to supplement face-to-face teaching.

Contributors

Over the history of the project, 115 developers have contributed code. However, only 70 have done so in the last year.

Contributor	Comment Ratio	Person Years	Primary Language	Lines modified
moodler	15.4%	4.2	PHP	667,594
stronk7	8.0%	3.8	PHP	399,669
koenr	1.3%	3.4	PHP	340,201
mits	2.6%	4.1	HTML	149,275
See More Below				

Codebase

This project is enlisted in 2 repositories (see details). The source code repositories show that the project is over 5 years old.

Languages

Ohloh analyzes the project source code and determines the language of each line of code, excluding comments and blanks.

PHP	63%
HTML	29%
JavaScript	6%
Other	
CSS	1%
XML	<1%
Perl	<1%
Java	<1%

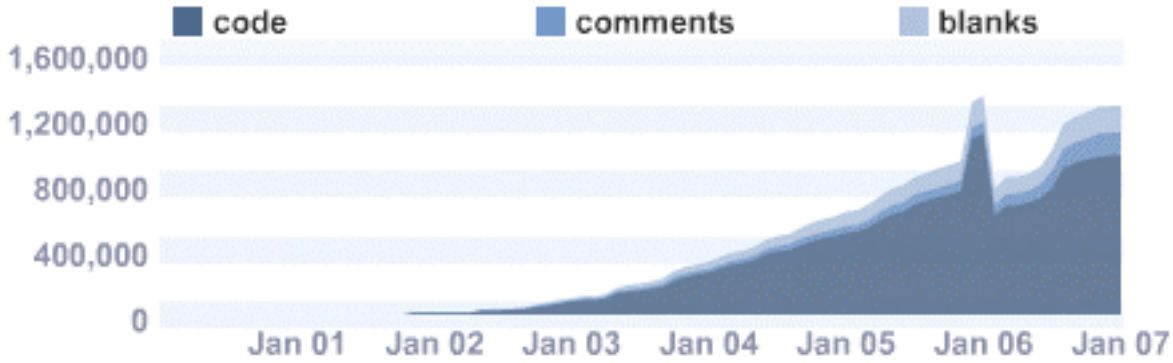
Licenses

The official license of this project is:

GNU General Public License
Additionally, Ohloh searches the source code for individual license declarations. These licenses can differ from the project's official license.

GNU General Public License	333 files
New BSD License	184 files
PHP License	48 files
GNU Library or "Lesser"	GPL 28 files
BSD-ish License	1 files

Codebase History



Factoids

- Mature, well-established codebase
- Very large, active development team
- Few source code comments
- PHP License may conflict with GPL

Project Cost

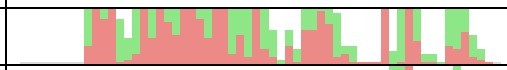
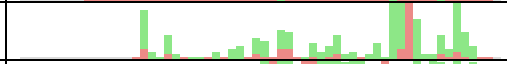
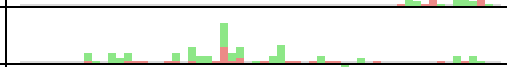
This calculator estimates how much it would cost to hire a team to write this project from scratch.

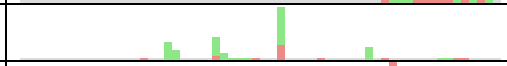
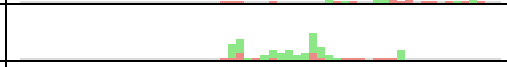
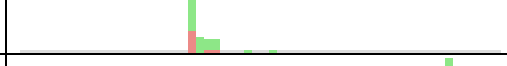
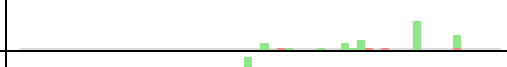
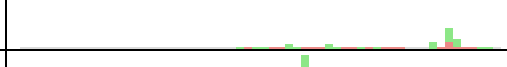
Include:	Markup and code
Codebase	970,262 LOC
Effort (est.)	265 Person Years
Avg. Salary	$79,369 per year [based on Washington DC salaries, April 2005[1]
Total	$21,066,892

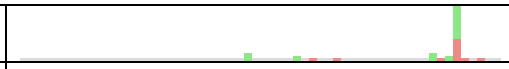
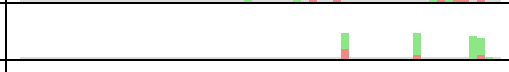
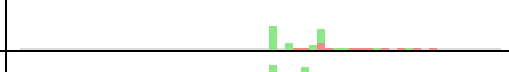
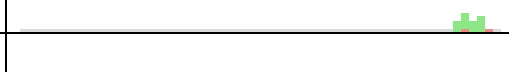
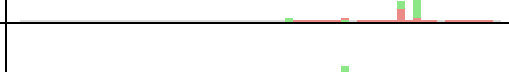
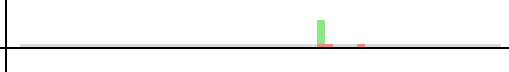
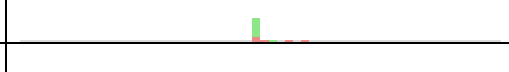
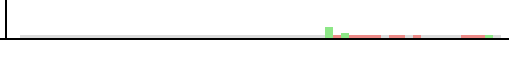
[1] Based on data from the Bureau of Labor Statistics for Computer Analyst and Scientists for the Washington-Baltimore Metropolitan area. The Washington-Baltimore average from the April 2005 survey was $78,304 based on $38.03 per hour and working 2,059 hours per year. The national average from the September 2005 survey was $35.28 per hour for $72,642 per year. At the same times, average salaries for university and college (postsecondary) teachers was $56,616 in the Washington-Baltimore area and $68,123 nationally based on working an average 1,585 hours per year.

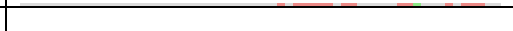
Contributors

115 Total

Name	Activity (5 years)	Comment Ratio	Person Years	Main Language	Code Total
moodler		15.4%	4.2	PHP	667,594
stronk7		8.0%	3.8	PHP	399,669
koenr		1.3%	3.4	PHP	340,201
mits		2.6%	4.1	HTML	149,275
julmis		6.9%	2.4	HTML	76,165
gustav_delius		24.3%	2.5	PHP	74,159
martin		16.6%	0.9	PHP	58,864
mjollnir_		2.5%	2.1	HTML	56,667
bobopinna		5.2%	3.2	PHP	44,358
gbateson		18.2%	1.1	PHP	40,825
skodak		24.3%	2.1	PHP	36,485
martignoni		1.5%	3.2	HTML	35,686
ralf-bonn		1.2%	1.7	HTML	35,277
vyshane		74.1%	0.9	JavaScript	30,962
paca70		6.0%	2.8	PHP	30,783
scop22		1.3%	1.0	PHP	30,680

toyomoyo		16.5%	1.2	PHP	21,774
adamtpaw		1.0%	1.4	HTML	21,473
andreabix		1.1%	1.7	HTML	20,830
defacer		11.8%	1.8	PHP	20,812
carlesbellver		2.0%	2.9	PHP	19,795
thepurpleblob		18.9%	2.7	PHP	19,582
ethem		7.4%	1.8	PHP	18,903
rcantada		1.9%	1.0	HTML	18,408
lonecatz		1.0%	1.3	PHP	17,522
giro123		0.4%	0.8	HTML	17,249
rkingdon		11.6%	1.4	PHP	17,245
andre_bln		5.0%	0.5	HTML	16,394
tomaz		0.5%	0.3	HTML	16,112
papita		1.4%	0.9	HTML	16,032
kowski		2.1%	1.0	PHP	15,739
barias		1.8%	2.4	PHP	15,236
urs_hunkler		13.2%	1.5	CSS	14,819
tjhunt		67.8%	0.8	PHP	14,784
villate		1.0%	1.5	PHP	14,570
compuproggy		0.3%	0.7	HTML	13,578

miksik		0.6%	0.8	HTML	13,502
ueu_ueu		1.3%	0.4	PHP	13,477
jamiesensei		61.5%	0.3	PHP	11,649
michaelpenne		11.8%	1.5	PHP	11,562
dhawes		72.8%	1.2	PHP	10,961
andersbe		0.2%	0.2	HTML	10,752
willcast		7.0%	0.5	PHP	9,087
yogibear270		1.9%	0.4	HTML	8,942
gniske		2.3%	1.0	PHP	8,420
martinlanghoff		27.0%	2.0	PHP	8,377
mudrd8mz		6.4%	1.4	PHP	7,873
stigbjarne		0.7%	0.4	HTML	7,629
nfreear		42.7%	0.8	PHP	5,703
havran		3.1%	0.2	PHP	5,554
coolbit		0.8%	0.3	HTML	5,005
lashaalt		1.3%	0.2	PHP	4,816
mchampan		76.0%	0.3	PHP	4,813
phoenixfr		52.0%	0.2	PHP	4,524
aredkin		1.6%	0.4	PHP	4,371
vthung		0.1%	1.2	HTML	4,327

anvergara		1.0%	0.9	HTML	4,316
komlenov		2.7%	0.2	PHP	4,234
kaipe		16.1%	1.0	PHP	3,549
danmarsden		12.4%	0.9	PHP	3,512
dlnsk		1.2%	1.2	HTML	3,438
mark-nielsen		30.9%	0.6	PHP	3,313
vinkmar		16.8%	0.2	PHP	3,025
les_kopari		0.8%	0.2	HTML	2,693
drabureesh		3.3%	0.4	PHP	2,255
mindforge		7.3%	0.4	HTML	2,216
fiedorow		10.2%	0.8	PHP	2,169
patrickslee		2.7%	0.9	PHP	2,072
flipman		0.7%	0.2	PHP	1,924
dovix		2.2%	0.4	PHP	1,910
mchurch		12.7%	0.9	PHP	1,632
palojacko		1.0%	0.2	PHP	1,468
skaldrom		3.9%	0.2	PHP	1,462
ikawhero		5.9%	1.2	PHP	1,433
ahmed_nabil		0.6%	0.1	PHP	1,422
hansdezwart		0.3%	0.1	PHP	1,213

andro-bg		0.4%	0.1	PHP	1,095
selliott		2.6%	0.6	PHP	1,058
c_schmitz		0.0%	0.5	HTML	1,055
djachenko		1.9%	0.8	PHP	1,016
wildgirl		30.7%	0.2	PHP	854
borinsky2407		0.6%	0.2	PHP	787
sam_marshall		32.2%	0.6	PHP	699
solveigb		2.7%	0.1	PHP	671
johncaptain		0.0%	0.3	HTML	654
cap2501		9.0%	0.2	PHP	633
danstowell		13.1%	0.5	PHP	620
trobb		16.2%	0.2	PHP	606
aszora		1.5%	0.1	PHP	605
thompson697		13.4%	0.2	PHP	588
danielfetzer		0.0%	0.2	PHP	568
thetrinity		18.1%	0.2	PHP	524
jgraham909		21.5%	0.2	PHP	488
tormoda		1.7%	0.2	PHP	458
jpuntd		14.3%	0.2	PHP	357
moquist		5.0%	0.2	PHP	302

uermelin		0.3%	0.2	PHP	291
sunner_sun		7.4%	0.4	PHP	256
mikewaters		51.8%	0.1	PHP	193
gregb_cc		7.4%	0.4	PHP	188
tomflannaghan		15.9%	0.2	PHP	176
exe-cutor		31.6%	0.8	PHP	152
jungwirr		0.7%	0.3	PHP	135
bawjaws		11.2%	0.2	PHP	125
ecastrolt		n/a	0.2	PHP	59
lapsa		n/a	0.1	HTML	46
dwoolhead		n/a	0.3	PHP	27
zibas		n/a	0.1	PHP	25
csantossaenz		n/a	0.1	HTML	17
fyang1024		n/a	0.2	PHP	17
mathusiast		n/a	0.2	PHP	13
set_lo		n/a	0.1	PHP	6
mbojanks		n/a	0.1	HTML	3
anthonyforth		n/a	0.0	n/a	0
rtcn2		n/a	0.0	n/a	0

Endnotes

	Sakai (core)		Moodle	
	Amount	Percent		
Lines of code	772,195		970,262	
Code	528,492	68.4%	672,442	69.3%
Markup	243,703	31.6%	297,820	30.7%
Person-years	208.78		265.43	
Code	144.62	69.3%	186.24	70.2%
Markup	64.16	30.7%	79.19	29.8%
Estimated cost	$16,570,091		$21,066,892	
Code	$11,478,133		$14,781,499	
Markup	$5,091,958		$6,285,393	

	Sakai (contributed)	
	Amount	Percent
Lines of code	530,123	
Code	412,322	77.8%
Markup	117,801	22.2%
Person-years	141.34	
Code	111.44	78.8%
Markup	29.90	21.2%
Estimated cost	$11,218,111	
Code	$8,844,621	
Markup	$2,373,490	

	Sakai (project)	
	Amount	Percent
Lines of code	1,302,318	
Code	940,814	72.2%
Markup	361,504	27.8%
Person-years	350	
Code	256	73.1%
Markup	94	26.9%
Estimated cost	$27,788,202	

Endnotes

Code	20,322,754
Markup	7,465,448

Based on an annual compensation of $79,369 for computer analysts and scientists in the Washington-Baltimore metropolitan area.

	Compensation, Washington DC		Compensation, National		
	Hourly	Annual	Hourly	Annual Hours	Annual
Computer systems analysts and scientists	38.03	**79,369**	35.28	2,087	73,724
Teachers, colleges and universities	35.72	56,902	42.98	1,593	69,580

Regional hourly compensation from Table 2.1, "Washington–Baltimore, DC–MD–VA–WV National Compensation Survey April 2005," Bureau of atistics, U.S. Department of Commerce, 7 December 2005.

National data from Tables 1.1 and 4.2., "National Compensation Survey: Occupational Wages in the United States, June 2005 Supplementary Bureau of Labor Statistics, U.S. Department of Commerce, 17 July 2006.

	Compensation, National	
	Metropolitan	Non-metropolitan
Computer systems analysts and scientists	35.48	28.30
Teachers, colleges and universities	43.89	37.46

Data from Table 4.2, "National Compensation Survey: Occupational Wages in the United States, June 2005," Bureau of Labor Statistics, U.S. ent of Labor, 7 December 2005.

	Compensation, National		Compensation, Part-time	
	Full-time	Part-time	Hours per week	Annual
Computer systems analysts and scientists	35.33	31.87	26.0	43,088
Teachers, colleges and universities	43.69	31.38	11.4	18,602

Endnotes

Data from Table 2.1, "National Compensation Survey: Occupational Wages in the United States, June 2005," Bureau of Labor Statistics, U.S.
ent of Labor, 7 December 2005.

Earnings (Hourly; Compensation) is defined as "The National Compensation Survey defines hourly earnings as the straight-time hourly wages or
s paid to employees. They include incentive pay (commissions, piece rate payments, and production bonuses), cost-of-living adjust-
ay, and payments for income deferred due to participation in a salary reduction plan. Excluded are premium pay for overtime,
shift differ-entials, draws, nonproduction bonuses, tips, and uniform and tool allowances. From "Glossary of
Labor Statistics, U.S. Department of Labor, August 1998, page 18.

Workweek (Work Schedule) is defined as "Usually, the expected or actual period of employment for the week, usually expressed in number of
Some uses of the term may relate to the outside dimensions of a week (e.g., 7 consecutive days). Glossary, page 73.

Date: Mon, 08 Jan 2007 10:32:34 -0500
From: Clay Fenlason <clayf@bu.edu>
Subject: Ohloh metrics for Sakai development
Sender: khomotso@gmail.com
To: sakai-dev Dev <sakai-dev@collab.sakaiproject.org>,
 advocacy <advocacy@collab.sakaiproject.org>

Ohloh offers a free service to analyze open source code repositories
for development metrics. Our own Seth Theriault has done the
necessary work to set up Sakai for analysis, and the analysis for all
the modules was finally completed over the weekend. You can see the
results here:

http://www.ohloh.com/projects/3551

It's interesting to compare this with Moodle:

http://www.ohloh.com/projects/25

~Clay

This automatic notification message was sent by Sakai Collab
(https://collab.sakaiproject.org/portal) from the DG: Strategy & Advocacy site.
You can modify how you receive notifications at My Workspace > Preferences.

Return-path: <postmaster@collab.sakaiproject.org>
Received: from uis-gumail-11-stage2.georgetown.edu
 (ext-postoffice-4.georgetown.edu [141.161.88.220])
 by GUMail.georgetown.edu (iPlanet Messaging Server 5.2 HotFix 1.21 (built Sep
 8 2003)) with ESMTPS id <0JBK00AJR3S8WR@GUMail.georgetown.edu> for
 jxf@imap.georgetown.edu; Mon, 08 Jan 2007 10:45:47 -0500 (EST)
Received: from uis-gumail-11.georgetown.edu
 (ext-postoffice-4.georgetown.edu [141.161.88.220])
      by uis-gumail-11-stage2.georgetown.edu (8.13.6/8.12.10)
 with ESMTP id l08FjaEE017197 for <jxf@imap.georgetown.edu>; Mon,
 08 Jan 2007 10:45:38 -0500 (EST)
Received: from lennier.cc.vt.edu (lennier.cc.vt.edu [198.82.162.213])
      by uis-gumail-11.georgetown.edu (8.13.6/8.12.10) with ESMTP id
l08FhUKe016027
      (version=TLSv1/SSLv3 cipher=DHE-RSA-AES256-SHA bits=256 verify=NO)
      for <jxf@Georgetown.edu>; Mon, 08 Jan 2007 10:45:28 -0500 (EST)
Received: from pompom.cc.vt.edu (pompom.cc.vt.edu [198.82.161.76])
      by lennier.cc.vt.edu (8.12.11.20060308/8.12.11) with ESMTP id
l08FWpuD000623;
 Mon, 08 Jan 2007 10:32:51 -0500
Received: from nz-out-0506.google.com ([64.233.162.229])
 by pompom.cc.vt.edu (JAMES SMTP Server 2.1.3)
 with SMTP ID 692 for <advocacy@collab.sakaiproject.org>; Mon,
 08 Jan 2007 10:32:35 -0500 (EST)
Received: by nz-out-0506.google.com with SMTP id m7so3647035nzf for
 <advocacy@collab.sakaiproject.org>; Mon, 08 Jan 2007 07:32:35 -0800 (PST)
Received: by 10.65.251.1 with SMTP id d1mr5178429qbs.1168270355093; Mon,
 08 Jan 2007 07:32:35 -0800 (PST)
Received: by 10.65.93.17 with HTTP; Mon, 08 Jan 2007 07:32:34 -0800 (PST)

Message-id: <be5dfc6d0701080732i6ad5dfacg3b92b371db105112@mail.gmail.com>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=ISO-8859-1
Content-transfer-encoding: 7bit
Content-disposition: inline
DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws;   s=beta; d=gmail.com;
 h=received:message-id:date:from:sender:to:subject:mime-version:content-
type:content-transfer-encoding:content-disposition:x-google-sender-auth;

b=IG/JVfcd96Icg5jzPKgwNtoX1go9SZCdRIAO6cGoiywWkdzb4V7ir1LVOAiC0QFyRmTTH/bGPMOhdJ
ESxVWVdrwykLl8g8turE3UFmAgp9OSE8/fzgBZyypcs+HWvh1YLf8CgFJCwzlkwyNh+MN2LcXfMxa9bT
Ste/RMXFtHdlE=
X-Content-Type-Outer-Envelope: text/plain; charset=ISO-8859-1; format=flowed
X-Google-Sender-Auth: 770ee157605bf1a6
X-Content-Type-Message-Body: text/plain; charset=ISO-8859-1; format=flowed
X-GU-FilterVersion: 1.29
X-Scanned-By: MIMEDefang 2.39
Original-recipient: rfc822;jxf@imap.georgetown.edu

Date: Mon, 08 Jan 2007 10:35:23 -0500
From: Clay Fenlason <clayf@bu.edu>
Subject: Re: Ohloh metrics for Sakai development
In-reply-to: <be5dfc6d0701080732i6ad5dfacg3b92b371db105112@mail.gmail.com>
Sender: khomotso@gmail.com

Also note that the Sakai analysis only goes back as far as the svn
reorganization last April, and it's only for the modules that are
included in the release.

~Clay

This automatic notification message was sent by Sakai Collab
(https://collab.sakaiproject.org/portal) from the DG: Strategy & Advocacy site.
You can modify how you receive notifications at My Workspace > Preferences.

Return-path: <postmaster@collab.sakaiproject.org>
Received: from uis-gumail-10-stage2.georgetown.edu
 (ext-postoffice-3.georgetown.edu [141.161.88.219])
 by GUMail.georgetown.edu (iPlanet Messaging Server 5.2 HotFix 1.21 (built Sep
 8 2003)) with ESMTPS id <0JBK00AGU3T5X8@GUMail.georgetown.edu> for
 jxf@imap.georgetown.edu; Mon, 08 Jan 2007 10:46:18 -0500 (EST)
Received: from uis-gumail-10.georgetown.edu
 (ext-postoffice-3.georgetown.edu [141.161.88.219])
      by uis-gumail-10-stage2.georgetown.edu (8.13.6/8.12.10)
 with ESMTP id l08FkE3E009163 for <jxf@imap.georgetown.edu>; Mon,
 08 Jan 2007 10:46:14 -0500 (EST)
Received: from lennier.cc.vt.edu (lennier.cc.vt.edu [198.82.162.213])
      by uis-gumail-10.georgetown.edu (8.13.6/8.12.10) with ESMTP id
l08FkAia009130
      (version=TLSv1/SSLv3 cipher=DHE-RSA-AES256-SHA bits=256 verify=NO)
      for <jxf@Georgetown.edu>; Mon, 08 Jan 2007 10:46:11 -0500 (EST)
Received: from pompom.cc.vt.edu (pompom.cc.vt.edu [198.82.161.76])
      by lennier.cc.vt.edu (8.12.11.20060308/8.12.11) with ESMTP id
l08FZcfH001502;
 Mon, 08 Jan 2007 10:35:38 -0500
Received: from nz-out-0506.google.com ([64.233.162.233])
 by pompom.cc.vt.edu (JAMES SMTP Server 2.1.3)
 with SMTP ID 512 for <advocacy@collab.sakaiproject.org>; Mon,
 08 Jan 2007 10:35:24 -0500 (EST)
Received: by nz-out-0506.google.com with SMTP id m7so3647720nzf for
 <advocacy@collab.sakaiproject.org>; Mon, 08 Jan 2007 07:35:23 -0800 (PST)
Received: by 10.65.180.7 with SMTP id h7mr2483051qbp.1168270523823; Mon,
 08 Jan 2007 07:35:23 -0800 (PST)
Received: by 10.65.93.17 with HTTP; Mon, 08 Jan 2007 07:35:23 -0800 (PST)

To: sakai-dev Dev <sakai-dev@collab.sakaiproject.org>,
 advocacy <advocacy@collab.sakaiproject.org>
Message-id: <be5dfc6d0701080735y2917859ere261ee6675fc38af@mail.gmail.com>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=ISO-8859-1
Content-transfer-encoding: 7bit
Content-disposition: inline

DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws;   s=beta; d=gmail.com;
 h=received:message-id:date:from:sender:to:subject:in-reply-to:mime-
version:content-type:content-transfer-encoding:content-disposition:references:x-
google-sender-auth;

b=FwttnS6X93RE8fNBWhlDbOctXhLMZw0ZwF8ajVQ0ygrUd4BC1G2yeqWqpnLXlX3eZQQa75cZ9qyjOc
QB8vE80pjGK/SD70MtQYE4UVztzUsjojHFsmGhBZZ2iK2QnZOqCjkTIdIFNSeWNWSwQQWBMcjeP1Pzfq
c9KrVNRsmZ6KI=
X-Content-Type-Outer-Envelope: text/plain; charset=ISO-8859-1; format=flowed
X-Google-Sender-Auth: fd47600341c386e8
X-Content-Type-Message-Body: text/plain; charset=ISO-8859-1; format=flowed
X-GU-FilterVersion: 1.29
X-Scanned-By: MIMEDefang 2.39
References: <be5dfc6d0701080732i6ad5dfacg3b92b371db105112@mail.gmail.com>
Original-recipient: rfc822;jxf@imap.georgetown.edu