

Eye of Gnome - Most Valuable Member

A project preview - Dynamics of Libre Software Communities

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Máster Software Libre, 2009-2010. A Coruña Edition

January 9, 2010

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Eye of Gnome's Most Valuable Member

- The most valuable member for the Eye of Gnome project will be presented
- Several *development-related* measures will be taken into account
 - Mailing list participation
 - Number of commits to the repository
 - Lines of code contributed

Note

Art design, legal consulting and other criteria will not be considered

Eye of Gnome

- Official image viewer for the GNOME Desktop environment.
Located at <http://projects.gnome.org/eog/>
- Mailing list archive:
<http://mail.gnome.org/archives/eog-list/>
- GIT repository: <git://git.gnome.org/eog>
- SVN repository: <http://svn.gnome.org/svn/eog/>

Repository

- 299 committers
- 5106 commits
- 249988 lines of code

Mailing list

- 197 users
- 623 emails

CVSAnaly

Creating the database

```
mysqladmin -u root -p create eog_cvsa
```

Populating the database

```
cvsanaly2 --db-user=root --db-password=root\  
--db-database=eog_cvsa http://svn.gnome.org/svn/eog/
```

Top 20 committers

```
SELECT people.name, people.email,  
MIN(date) AS start_date, MAX(date) AS end_date,  
COUNT(*) AS commit_count  
FROM people LEFT JOIN scmlog  
ON ( people.id = scmlog.committer_id )  
GROUP BY scmlog.committer_id  
ORDER BY commit_count DESC  
LIMIT 20;
```

MLStats

Creating the database

```
mysqladmin -u root -p create eog_mls
```

Populating the database

```
mlstats --db-admin-user="root"\  
--db-admin-password="root" --db-user="root"\  
--db-password="root" --db-name="eog_mls"\  
http://mail.gnome.org/archives/eog-list/
```

Guilty

Creating the database

```
mysqladmin -u root -p create eog_guilty
```

Populating the database

```
guilty --output=db --db-driver=mysql --db-user=root\  
--db-password=root --db-database=eog_guilty\  
git://git.gnome.org/eog
```


Top 20 coders

```
SELECT authors.name,  
MIN(date) AS start_date,  
MAX(date) as end_date,  
COUNT(*) AS loc_count  
FROM authors LEFT JOIN blame  
ON ( authors.id = blame.author_id )  
GROUP BY blame.author_id  
ORDER BY loc_count DESC  
LIMIT 20;
```

Top 20 posters

```
SELECT people.name, people.email_address,  
MIN(arrival_date) AS start_date,  
MAX(arrival_date) AS end_date,  
COUNT(*) AS email_count  
FROM people LEFT JOIN messages  
ON ( people.email_address =  
messages.author_email_address )  
GROUP BY messages.author_email_address  
ORDER BY email_count DESC  
LIMIT 20;
```

Top 20 committers

Name	Start	End	Count
jens	2001-02-15 16:45:50	2005-05-29 18:41:56	581
lucasr	2005-08-23 22:14:57	2009-01-20 00:51:16	479
friemann	2006-09-13 15:08:28	2009-04-13 21:38:55	460
csaavedra	2007-03-05 18:49:51	2009-03-16 21:19:35	202
(no author)	1999-09-15 07:19:29	2006-12-18 21:07:23	162
kmaraas	1999-09-23 00:17:41	2009-02-06 15:42:47	122
federico	2000-02-28 04:00:53	2003-05-05 18:18:27	100
csaavedr	2005-11-07 21:49:38	2007-03-04 16:14:39	94
martin	2000-10-08 22:50:23	2001-03-18 18:13:19	90
plaes	2004-02-27 13:02:56	2009-02-18 16:44:54	69
laurenti	2002-11-02 00:53:17	2008-09-23 17:04:14	64
unammx	1999-09-15 07:19:29	2000-01-17 03:41:35	62
lutzm	2001-03-31 17:08:10	2003-05-24 21:20:46	61

Top 20 posters

Name	Email Address	Start	End	Count
Jens Finke	jens@triq.net	2001-06-14	2005-11-13	67
Felix Riemann	friemann@svn.gnome.org	2007-02-15	2009-06-17	42
				41
Claudio Saavedra	csaavedra@alumnos.usalca.cl	2006-09-29	2008-01-14	41
	lucasr@gnome.org	2007-03-11	2009-10-28	34
Lucas Rocha	lucasr.at.mundo@gmail.com	2005-11-20	2008-06-01	31
Felix Riemann	friemann@gnome.org	2009-06-30	2010-01-05	29
Federico Mena Quintero	federico@ximian.com	2001-03-08	2007-10-30	28
Claudio Saavedra	csaavedra@gnome.org	2008-04-07	2009-11-04	24
Lutz M	urc8@rz.uni-karlsruhe.de	2001-03-17	2001-11-10	23
Jens Finke	jens@eknif.de	2001-03-06	2001-05-31	11
Jef Driesen	jefdriesen@hotmail.com	2006-08-02	2007-08-01	8
Lutz Müller	lutz@users.sourceforge.net	2002-01-01	2006-08-06	8

Top 20 coders

Name	Start	End	Count
Lucas Almeida Rocha	2005-10-13	2008-10-24	21376
Lucas Rocha	2005-08-23	2009-08-10	18474
Felix Riemann	2006-09-13	2009-12-30	18049
Jens Finke	2001-02-15	2005-05-29	16620
Claudio Saavedra	2005-11-07	2009-07-23	7431
Runa Bhattacharjee	2005-10-01	2009-09-16	5086
Luca Ferretti	2006-03-07	2009-10-12	4721
Changwoo Ryu	2002-04-12	2009-08-29	3302
Daniel Nylander	2006-03-08	2009-10-09	3120
Theppitak Karoonboonyanan	2005-02-21	2009-08-23	2844
Maxim Dziumanenko	2004-03-11	2008-11-13	2822
Federico Mena Quintero	1999-09-16	2003-05-05	2652
Kostas Papadimas	2002-12-03	2009-09-10	2604

Conclusions

- Jens Finke was an important committer during the 2001–2005 period
 - 78 emails sent
 - 16620 lines of code written
 - 581 commits
- Lucas Almeida Rocha is the Most Valuable Member, still active
 - 65 emails sent
 - 39850 lines of code written
 - 479 commits
- Felix Riemann and Claudio Saavedra are very important, too
 - 71 and 65 emails sent
 - 18049 and 7431 lines of code written
 - 460 and 296 commits

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