

Update on Rosetta infrastructure and SVN user statistics

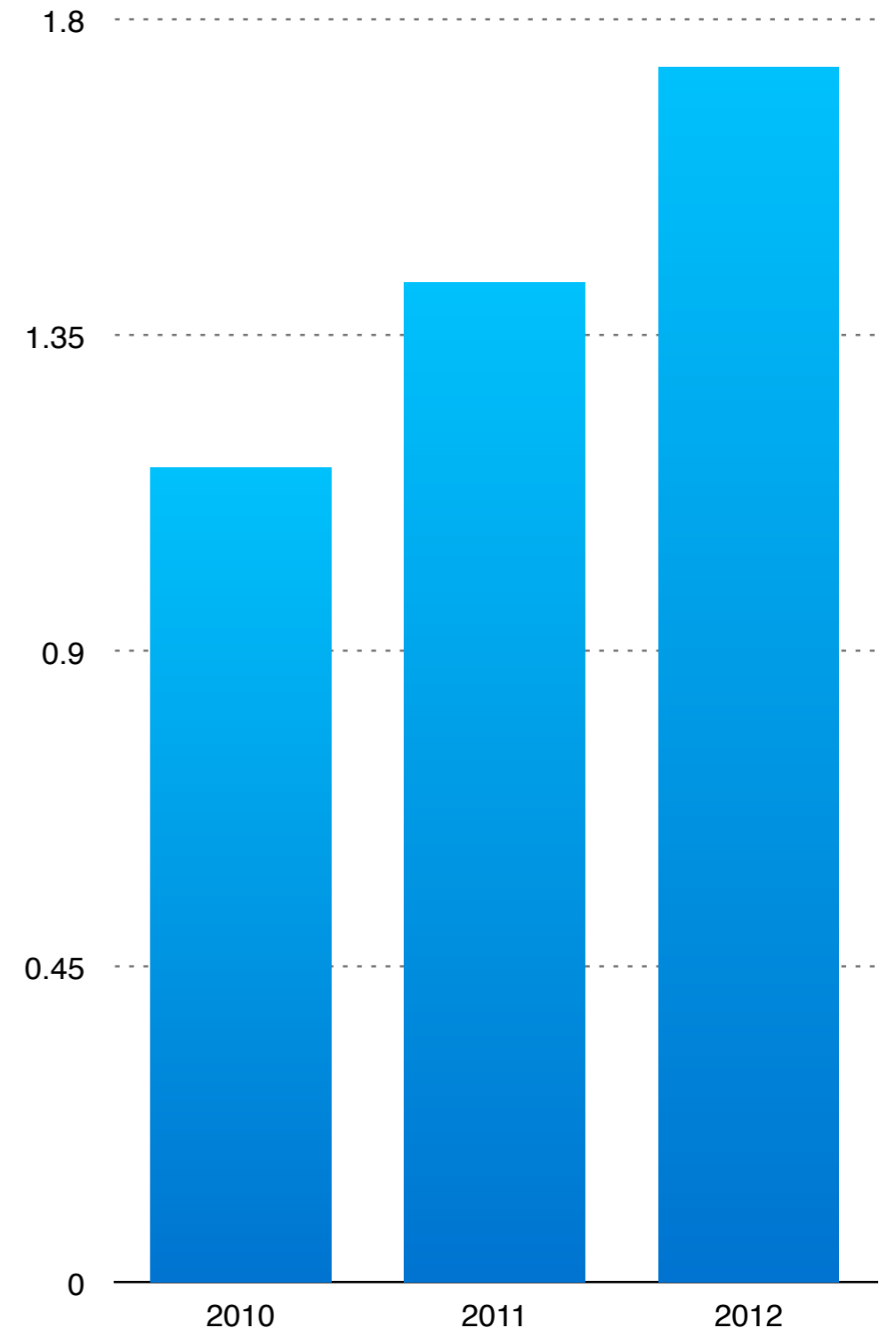
Sergey Lyskov
GrayLab JHU
2012

Whats new since last year?

- Two releases: Rosetta 3.3 and Rosetta 3.4
- Mini Rosetta now split in ~30 separate libraries thanks to XRW effort!
- We now use 7 machines [~60CPU's total] to run BuildBot and we are tracking 14 various builds of Rosetta.
- Dedicated PyRosetta BuildBots!
- New revision-by-revision test server: 24 CPU, 48Gb almost ~5 time faster then old one. (think ~10min per revision!)
- Main TestServer now tracking PyRosetta builds as well!

Our code base has grown!

- Last year: ~1,426,000 lines of code
- This year: ~**1,733,000** lines of code, 307k lines ~**21%** growth!
- [year before we added 263k lines per year]



SVN now have more then 50k revisions!


Changeset 50000 for trunk/rosetta/rosetta_source

Timestamp: 07/18/12 13:22:40 (88 minutes ago)

Author: labonte

Message: PyAssert?() bug fixes in PDBInfo; also, check-in 50,000 -- woo hoo

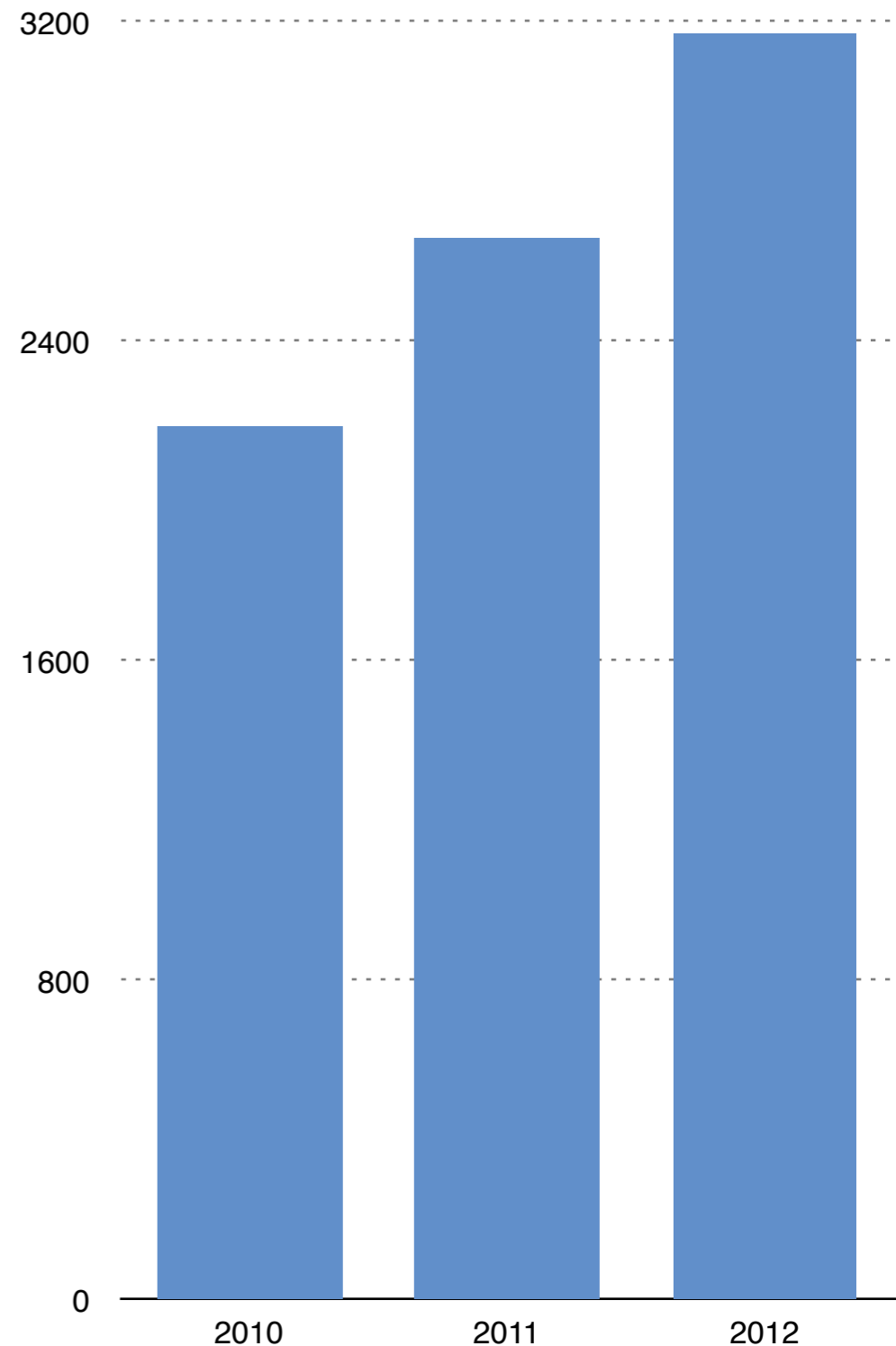
File:  1 edited

 [trunk/rosetta/rosetta_source/src/core/pose/PDBInfo.cc](#) (4 diffs)

Jason William
Labonte

More commits!

- Since last year we committed ~3,170 revisions, that's ~8.7 revisions per day
- last year was 2,659, ~7.3 rev/day
- and year before last was 2,187, ~6 rev/day





Rosetta BugTracker: bugs.rosettacommons.org

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2012-07-18 16:42 CDT



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Issue #

Jump

Unassigned [^] (1 - 10 / 10)

0000035	[Rosetta] Too Much Pi [All Projects] Bad Coding - 2012-07-09 15:12
0000039	[Rosetta] Running docking on a single-chain PDB causes a segfault [All Projects] Input Handling - 2012-07-05 10:03
0000038	[Rosetta] Executable-defined options cannot be namespaced [All Projects] Bad Coding - 2012-07-03 15:31
0000037	[Rosetta] Rosetta doesn't read hydrogens in from PDBs with reasonable atom names [All Projects] Input Handling - 2012-07-03 14:03
0000025	[Rosetta] -kill_hairpins file not backward compatible with regular PSIPRED format [All Projects] Bad Coding - 2012-06-25 13:21
0000024	[Rosetta] The backrub application seg faults at the end of the run [All Projects] Crash - 2012-06-25 13:19
0000018	[Rosetta] -kill_hairpins file format not documented [All Projects] Documentation - 2012-06-21 19:33
0000016	[Rosetta] MDL files in ligand docking demo are unusable by molfile_to_params.py [All Projects] Documentation - 2012-06-21 18:48
0000011	[Rosetta] Constraints can't handle insertion codes. [All Projects] Input Handling - 2012-06-20 15:05
0000007	[Rosetta] passing PDBs to -l causes unexpected behavior [All Projects] Crash - 2012-06-19 11:31

Resolved [^] (1 - 10 / 12)

0000041	[Rosetta] 3.4 build error in protocols/canonical_sampling/ParallelTempering.cc [All Projects] Crash - 2012-07-12 08:51
0000032	[Rosetta] No __version__ element in PyRosetta's rosetta package [All Projects] Documentation - 2012-07-06 13:51
0000030	[Rosetta] [FeatureReporter] Showed "ERROR: Failed to create features ~ .db3" but no error actually? [All Projects] Incorrect Results - 2012-06-27 17:18
0000028	[Rosetta] 1L2Y produces warnings in fixbb integration test [All Projects] Bad Coding - 2012-06-27 17:18
0000005	[Rosetta] something is lurking in ConstraintSet.show_definition() that alters ostream numeric precision [All Projects] Incorrect Results - 2012-06-27 15:46
0000026	[Rosetta] integration.py hangs w/ one job that never starts [All Projects] Crash - 2012-06-26 16:41
0000010	[Rosetta] Interaction graph size instability with relax_w_allatom_cst integration test [All Projects] Incorrect Results - 2012-06-26 11:53
0000022	[Rosetta] check loopmodel documentation post SVN 49521 [All Projects] Documentation - 2012-06-25 11:58
0000023	[Rosetta] input_score_filter ignored by cluster.cc [All Projects] Bad Coding - 2012-06-24 16:43
0000015	[Rosetta] [FeatureReporter] Can't handle centroid pdbs as input [All Projects] Input Handling - 2012-06-22 12:57

Recently Modified [^] (1 - 10 / 45)

[0000046](#) [Rosetta] cpppdb does not handle bind(int i, char const c)

Thanks to Sam DeLuca for setting this up!

SVN User Statistics

Developers who committed most revisions:

Time frame: Sort by: Show only users who committed at least: revisions

User	Revisions committed	Builds broken (%)	Unit tests broken (%)	Integration tests broken (%)
cmiles	308	10 (3%)	4 (1%)	69 (22%)
sheffler	299	20 (6%)	4 (1%)	15 (5%)
sergey	282	4 (1%)	2 (0%)	23 (8%)
rhiju	208	6 (2%)	2 (0%)	54 (25%)
momeara	181	2 (1%)	1 (0%)	65 (35%)
sarel	144	5 (3%)	1 (0%)	22 (15%)
olange	144	3 (2%)	2 (1%)	28 (19%)
dimaio	125	0 (0%)	1 (0%)	33 (26%)
leaverfa	106	9 (8%)	5 (4%)	26 (24%)
delucasl	104	5 (4%)	2 (1%)	49 (47%)
smlewis	90	1 (1%)	0 (0%)	31 (34%)

Christopher Miles

William Sheffler

Developers who broke most builds:

Time frame: Sort by: Show only users who committed at least: revisions

User	Revisions committed	Builds broken (%)	Unit tests broken (%)	Integration tests changed (%)
sripakpa	17	2 (11%)	0 (0%)	6 (35%)
yfsong	57	6 (10%)	1 (1%)	7 (12%)
javierbq	22	2 (9%)	1 (4%)	1 (4%)
leaverfa	106	9 (8%)	5 (4%)	26 (24%)
possu	64	5 (7%)	1 (1%)	6 (9%)
sheffler	299	20 (6%)	4 (1%)	15 (5%)
stranges	17	1 (5%)	0 (0%)	4 (23%)
chrisk	34	2 (5%)	0 (0%)	7 (20%)
estrauch	34	2 (5%)	1 (2%)	7 (20%)
weitzner	89	5 (5%)	1 (1%)	21 (23%)
fcchou	38	2 (5%)	1 (2%)	15 (39%)

Unknown Developer

Yifan Song

Javier Castellanos

Developers who broke most unit tests:

Time frame: Sort by: Show only users who committed at least: revisions

User	Revisions committed	Builds broken (%)	Unit tests broken (%)	Integration tests changed (%)
scombs	40	1 (2%)	6 (15%)	26 (65%)
leaverfa	106	9 (8%)	5 (4%)	26
javierbq	22	2 (9%)	1 (4%)	
tjacobs2	46	2 (4%)	2 (4%)	
flo	28	1 (3%)	1 (3%)	13 (46%)
glemmon	28	1 (3%)	1 (3%)	11 (39%)
mtyka	33	0 (0%)	1 (3%)	11 (33%)
estrauch	34	2 (5%)	1 (2%)	7 (20%)
fcchou	38	2 (5%)	1 (2%)	15 (39%)
delucasl	104	5 (4%)	2 (1%)	49 (47%)
tex	55	1 (1%)	1 (1%)	12 (21%)

Steven Combs

Andrew Leaver-Fay

Javier Castellanos

Tim Jacobs

Developers who's commits change most integration tests:

Time frame: Sort by: Show only users who committed at least: revisions

User	Revisions committed	Builds broken (%)	Unit tests broken (%)	Integration tests broken (%)
scombs	40	1 (2%)	6 (15%)	26 (65%)
delucasl	104	5 (4%)	2 (1%)	49 (47%)
flo	28	1 (3%)	1 (3%)	13 (46%)
fcchou	38	2 (5%)	1 (2%)	15 (39%)
glemmon	28	1 (3%)	1 (3%)	11 (39%)
jianqing	64	2 (3%)	0 (0%)	25 (39%)
autobench	8	1 (12%)	0 (0%)	3 (37%)
barak	11	1 (9%)	0 (0%)	4 (36%)
momeara	181	2 (1%)	1 (0%)	65 (35%)
sripakpa	17	2 (11%)	0 (0%)	6 (35%)
nivon	23	0 (0%)	0 (0%)	8 (34%)

Steven Combs

Sam DeLuca

Florian Richter

Thank You!.