

Some Data concerning Regression Handling



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Facts All data 2011-December-10

Situation for 3.4

- With 3.4 we got **116 regressions** compared to 3.3, **15** unfixed ones were [known](#) when 3.4.0 became released.
- Until now more than [60 ones](#) have been fixed
→ [9 ones](#) for master, not for 3.4
- You can argue that 464 [3.3 Bugs fixed](#) for 3.4 ([at least 15 of them for Master](#)) are good progress (I did not check fixes until 3.5), but there are remaining 60 ugly regressions compared to 3.3

Situation for 3.5

- For upcoming 3.5 we now have [more than 80 known new](#) (possibly) unfixed regressions to 3.3 and/or 3.4 reported for Version „Master“, that means 50 unfixed 3.4 regressions will have to be added so that we get a total amount of **130** unfixed regressions in 3.5 Beta.
- But really lots of regressions have been fixed, see charts and links on following pages
- We hear lots of general criticism, but it seems nobody wants to tell us his [concrete regression problems](#)?

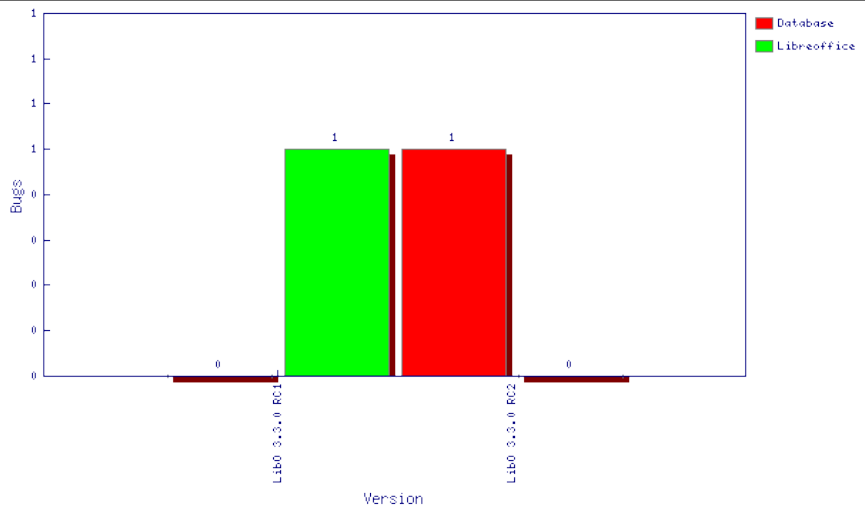
My conclusion

If we do not want to gamble with our reputation we will have to be more consequent fixing regression bugs, and such goals (may be like „50% of all regressions have to be fixed with the next minor release“, for example) will have to be published. There are really nerving discussions in user groups attesting decreasing quality from major release to major release.

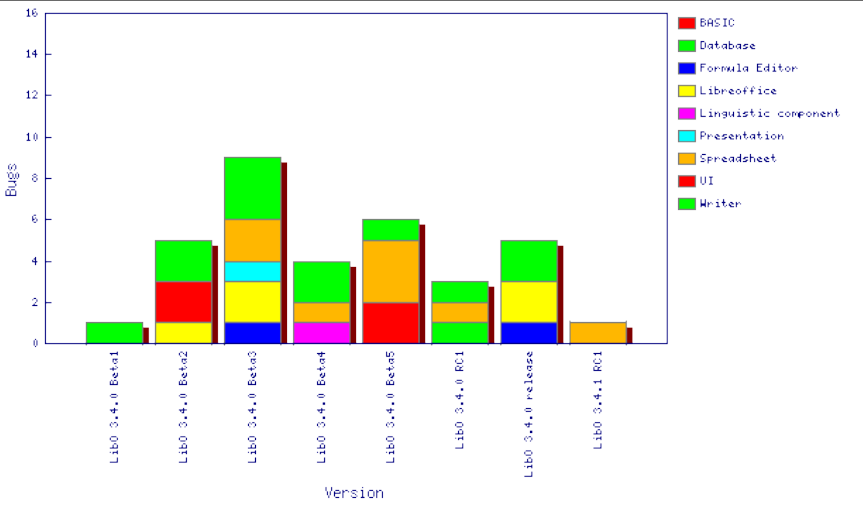
- A problem appearing for a function that has been working for a user until a major release is much more visible and weights much more heavy than 100 fixed bug for functions the user never used.
→ If we do not find a way to avoid regressions better than we did for the step 3.3 → 3.4 that will (again) cost much reputation



Success Regression Fixing



[Fixes](#) January ... March 2011 (2 ones)



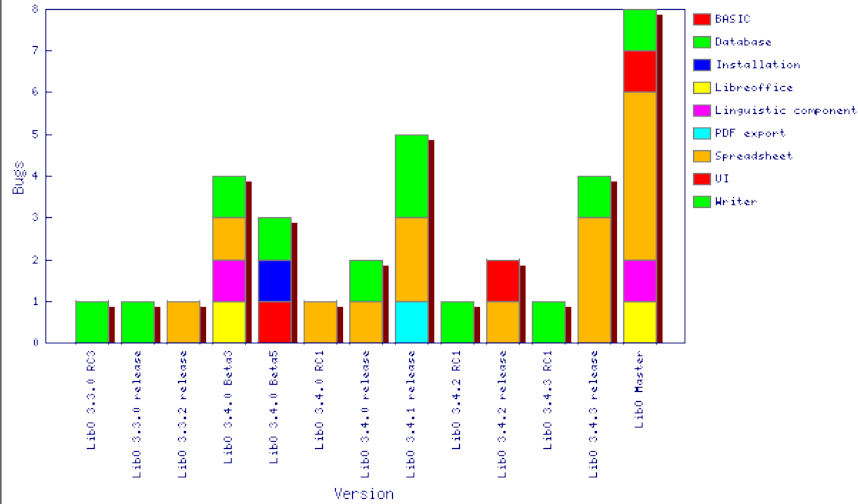
[Fixes](#) April ... June 2011 (34 ones)



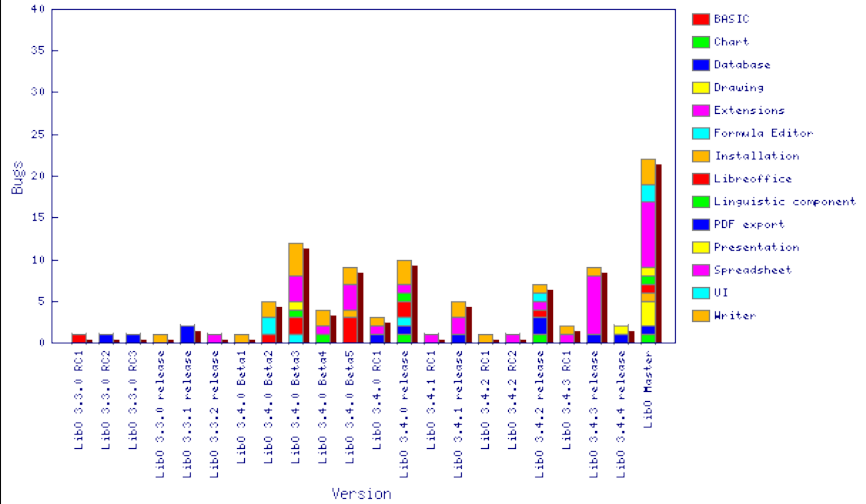


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[Fixes](#) July ... September 2011 (34 ones)



[Fixes](#) October ... December-15 2011 (101 ones)

Thank you for your attention!