

SymPy

Python library for symbolic mathematics

Vladimir Perić, 2014.

My contribution

- I was accepted to GSoC in 2011
- Porting SymPy to Python 3:
 - using the 2to3 tool
 - improve the continuous integration infrastructure
- Completed successfully
 - code shipped in October 2011

Changes

- Original plan to port to PyPy, IronPython also
 - abandoned due to time constraints
 - bugs in PyPy delaying work
- Testing infrastructure:
 - originally Hudson, changed to home-made solution
 - wouldn't have been accomplished without aid from other developers

Communication

- **Mostly via e-mail, IRC, Github**
 - weekly meetings with mentor on IRC
 - all important decisions made on the mailing list
 - technical details solved in each pull request as required

- **Very positive experience**
 - active community, many developers
 - Possible improvement: more communication with end-users

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