The road to Indico 2.0 started in 2014, with the release of version 1.9.0, the first step in a series of “hybrid” releases based on both ZODB and PostgreSQL towards 2.0. Indico 1.9.10 will be the first fully PostgreSQL-based release. Indico 2.0 will include a one-time migration mechanism for users wishing to upgrade.

This ambitious project implied rewriting most of a legacy source code base 200,000 lines long. A “divide and conquer” approach was used from the beginning. Known issues and bugs were addressed whenever possible.

1.9.8
78% source code rewritten

Processes and tools were constantly re-evaluated at the end of each release. A post-mortem meeting was organized and everyone in the team provided their own input.

Database structures and basic modules were designed collectively and implemented through pair programming. This has greatly contributed not only to accelerate the training of new members – it has promoted dissemination of information within the team.

Other used techniques and tools included unit testing, continuous integration and user interface prototyping.

Indico’s Agile journey doesn’t end here. We are aware that full compliance with the best practices of Agile methodologies of software development requires constant feedback from users and an even greater rate of change. These are some of the aspects we will be addressing throughout 2017.

Stay up to date at https://indico.github.io

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