

Development News

By *Roy Schestowitz*

Created 25/12/2015 - 2:19pm

Submitted by Roy Schestowitz on Friday 25th of December 2015 02:19:07 PM Filed under [Development](#) [1]

- [How GitHub is building a platform and supporting open source \(podcast\)](#) [2]

We caught up with her recently to talk about how GitHub has evolved into a platform (and what it means to be a platform), how the company figures out which new features and products to build, and the role of open source software in stimulating innovation.

- [Perl 6 Is Ready For Release](#) [3]

Perl 6 was unveiled back in October with plans to officially ship the Perl 6.0 for Christmas. Larry Wall and those involved in Perl 6 development have managed to deliver.

- [Intel PKU Instruction Support Lands In GCC](#) [4]

Just a few days ago I was writing about LLVM working on PKU memory protection keys. It seems now GCC has support for Intel's PKU instructions.

PKU Memory Protection Keys are going to be a feature of future Intel CPUs as explained in the aforelinked article and with them come new PDPKRU and WRPKRU instructions. With this commit today to the mainline GNU Compiler Collection, it appears GCC has now support for these new PKU instructions.

- [5 things you should know about the plan to open source artificial intelligence](#) [5]

Arguably, the open source movement ? the idea that a group of technologists freely contributing their own work and commenting on the work of others, can create a final product that is comparable with anything that a commercial enterprise might create ? has been one of the great innovation catalysts of the technology industry.

[Development](#)

Source URL: <http://www.tuxmachines.org/node/84004>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/145>
- [2] <http://venturebeat.com/2015/12/24/how-github-is-building-a-platform-and-supporting-open-source-podcast/>
- [3] http://www.phoronix.com/scan.php?page=news_item&px=Perl-6-Release
- [4] http://www.phoronix.com/scan.php?page=news_item&px=GCC-PKU-Instructions
- [5] <https://www.washingtonpost.com/news/innovations/wp/2015/12/24/5-things-you-should-know-about-the-plan-to-open-source-artificial-intelligence/>