

Programming: GNU, Git, Perl, Python and Django

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- [Experimental Support For C++20 Coroutines Has Landed In GCC 10](#)[2]

As of this morning experimental support for C++20 coroutines has been merged into the GCC 10 compiler!

Coroutines allow a function to have its execution stopped/suspended and then to be resumed later. Coroutines is one of the big features of C++20. Sample syntax and more details on C++ coroutines can be found at cppreference.com.

Coroutines support for GCC has been under development for months and now as a late addition to GCC 10 is the experimental implementation.

- [GNU Binutils 2.34 Branched - Bringing With It "debuginfod" HTTP Server Support](#)[3]

With GNU Binutils 2.34 comes debuginfod support, which is the HTTP server catching our eye while the debuginfod server is distributed as part of the latest elfutils package. This isn't for a general purpose web server thankfully but is an HTTP server for distributing ELF/DWARF debugging information and source code. With debuginfod enabled, Binutils' readelf and objdump utilities can query the HTTP server(s) for debug files that cannot otherwise be found. Enabling this option requires building Binutils using `--with-debuginfod`.

- [Announcing git-cinnabar 0.5.3](#) [4]

Git-cinnabar is a git remote helper to interact with mercurial repositories. It allows to clone, pull and push from/to mercurial remote repositories, using git.

- [Steve Kemp: Announce: github2mr \[5\]](#)

myrepos is an excellent tool for applying git operations to multiple repositories, and I use it extensively.

I've written several scripts to dump remote repository-lists into a suitable configuration format, and hopefully I've done that for the last time.

- [Term::ANSIColor 5.01 \[6\]](#)

This is the module included in Perl core that provides support for ANSI color escape sequences.

This release adds support for the NO_COLOR environment variable (thanks, Andrea Telatin) and fixes an error in the example of uncolor() in the documentation (thanks, Joe Smith). It also documents that color aliases are expanded during alias definition, so while you can define an alias in terms of another alias, they don't remain linked during future changes.

- [Python 3.7.5 : Django security issues - part 001. \[7\]](#)

Django like any website development and framework implementation requires security settings and configurations.

Today I will present some aspects of this topic and then I will come back with other information.

- [How to display flash messages in Django templates \[8\]](#)

Sometimes we need to show the one-time notification, also known as the flash messages in our Django application. For this Django provides the messages framework. We are going to use the same here.

To show flash messages in the Django application, we will extend our previous project Hello World in Django 2.2. Clone the git repository, check out the master branch and set up the project on your local machine by following the instructions in the README file.

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Source URL: <http://www.tuxmachines.org/node/133050>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/145>
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