

# Programming: GCC, Django and Python

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- [AVR ATMEGA328P support in avr-gcc](#) [2]

I can save £0.40 per device if I move from the ATMEGA328P to an ATMEGA328PB, given that I am expecting to use around 4000 of these microcontrollers a year this looks like a no brainer decision to me? The ATMEGA328P has been around for a few years now and I did check that the device was supported in avr-gcc \*before\* I committed to a PCB. The device on the surface appears to be a simple B revision, with a few changes over the original part as described in Application Note AN\_42559 ? AT15007: Differences between ATmega328/P and ATmega328PB. There are potential issues around the crystal drive for the clock (but I am pretty sure that I have done the appropriate calculations so this will work ? famous last words I know).

- [Django 2.2 beta 1 released](#) [3]

Django 2.2 beta 1 is now available. It represents the second stage in the 2.2 release cycle and is an opportunity for you to try out the changes coming in Django 2.2.

Django 2.2 has a salmagundi of new features which you can read about in the in-development 2.2 release notes.

- [Episode 15: Learning Python](#) [4]

- [Less than 2 Days to Go on wxPython Book Kickstarter](#) [5]

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## Development

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**Source URL:** <http://www.tuxmachines.org/node/120565>

### **Links:**

- [1] <http://www.tuxmachines.org/taxonomy/term/145>
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- [3] <https://www.djangoproject.com/weblog/2019/feb/11/django-22-beta-1-released/>
- [4] <https://www.linuxjournal.com/podcast/episode-15-learning-python>
- [5] <http://www.blog.pythonlibrary.org/2019/02/11/less-than-2-days-to-go-on-wxpython-book-kickstarter/>
- [6] <https://www.programiz.com/python-programming/ide>
- [7] <http://www.obeythetestinggoat.com/python-architecture-stuff-do-we-need-more.html>
- [8] <http://rahmonov.me/posts/write-python-framework-part-one/>
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- [10] <http://pyfound.blogspot.com/2019/02/python-community-service-award-q3-mario.html>
- [11] <https://stackabuse.com/python-programming-in-interactive-vs-script-mode/>

[12] <http://pyfound.blogspot.com/2019/02/the-steady-leader-of-python-community.html>

[13] <https://zato.io/blog/posts/python-3-migration-success-story.html>