

# Programming/Development: GNU Releases, Bash, Python and JavaScript

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- [GNU Spotlight with Mike Gerwitz: 18 new GNU releases in May!](#) [3]

bison-3.4.1  
cssc-1.4.1  
emms-5.2  
gama-2.05  
gcc-9.1.0  
gdb-8.3  
gettext-0.20.1  
gnunet-0.11.4  
gnupg-2.2.16  
guix-1.0.1  
hyperbole-7.0.3  
libidn-2.2.0  
librejs-7.20.1  
mcron-1.1.2  
orgadoc-1.2  
parallel-20190522  
shepherd-0.6.1  
unifont-12.1.01

- [Bash if..else Statement](#) [4]

Decision making is one of the most fundamental concepts of computer programming. Like in any other programming language, if, if..else, if..elif..else and nested if statements in Bash can be used to execute code based on a certain condition.

- [Python Core Developer Mentorship](#) [5]

- [Stack Abuse: Image Recognition in Python with TensorFlow and Keras](#) [6]

- [PyCoder?s Weekly: Issue #370 \(May 28, 2019\)](#) [7]

- [For...in Loops: Changing between Javascript and Python.](#) [8]

If you have come to the point where you have to do Javascript in addition to Python, or Python in addition to Javascript, welcome to modern programming. It's the order of the day!

You can barely survive with only one language, as frameworks are proliferating and the technology ecosystem is seeing more and more overlaps. The lines between backend, frontend, and mobile continue to blur. So it's ok if you are combining Python and Javascript. However, if you are new to this combination, there are some subtle differences to note, else life can become hell.

## [Advertisement GNU](#)

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**Source URL:** <http://www.tuxmachines.org/node/124340>

### **Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/140>

[2] <http://www.tuxmachines.org/taxonomy/term/144>

[3] <http://www.fsf.org/blogs/community/gnu-spotlight-with-mike-gerwitz-18-new-gnu-releases-in-may>

[4] <https://linuxize.com/post/bash-if-else-statement/>

[5] <http://pyfound.blogspot.com/2019/05/python-core-developer-mentorship.html>

[6] <https://stackabuse.com/image-recognition-in-python-with-tensorflow-and-keras/>

[7] <https://pycoders.com/issues/370>

[8] <https://www.codementor.io/ayivima/for-in-loops-changing-between-javascript-and-python-vduas6knc>