LLVM 12.0 was aiming for release at the start of March but it missed that goal post and a third release candidate was tagged on Wednesday. But, fortunately, it looks like the official release will be out soon.

Tom Stellard as the LLVM release manager announced LLVM 12.0-RC3 on Wednesday and indicated that it should be the last release candidate barring any new major issues from becoming known. This will be the first major LLVM release of 2021 and keeping up with their roughly half-year release cadence should be succeeded by LLVM 13 come September/October.

An editor's draft for post-Spectre web development guidance was made available by the W3C. The W3C is preparing guidelines for web developers in better ensuring their code is safe from potential exploit by Spectre security vulnerabilities. Spectre has been public since January 2018 and concerns have been known around JIT'ed JavaScript. Made public recently though was the first "fully weaponized" exploit for Spectre beyond the early proof-of-concept code.

There was no prompt answer and no improvement at all. I couldn't find a nice way to do this quickly either. In fact it took me the better part of an hour to crack this nut. The main issue
here is that a failed match will produce Nil that .Str will complain about. So lets separate boolean check of if and the conversion to Str.

- Learn the Flask Python Web Development Framework by Building an Ecommerce Platform

Flask is a popular web development framework for Python.

We just published a course on the freeCodeCamp.org YouTube channel that will help you learn Flask by building your own e-commerce platform with its own robust authentication system.

The course was developed by Jim from JimShapedCoding. Jim has made many popular coding tutorials.

- Alternative syntax for Python's lambda

The Python lambda keyword, which can be used to create small, anonymous functions, comes from the world of functional programming, but is perhaps not the most beloved of Python features. In part, that may be because it is somewhat clunky to use, especially in comparison to the shorthand notation offered by other languages, such as JavaScript. That has led to some discussions on possible changes to lambda in Python mailing lists since mid-February.

[...]

Former Python benevolent dictator Guido van Rossum agreed: "I'd prefer the JavaScript solution, since -> already has a different meaning in Python return *type*. We could use -> to simplify typing.Callable, and => to simplify lambda." He also answered the question by suggesting that the "endless search for for multi-line lambdas" may have derailed any kind of lambda-simplification effort. Van Rossum declared multi-line lambda expressions "un-Pythonic" in a blog post back in 2006, but in the thread he said that it is not too late to add some kind of simplified lambda.