

# Programming Leftovers

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- [QuickLicenseRT Linux 3.0 - Protect and License Desktop Software](#) [2]

QuickLicenseRT Linux 3.0 implements the QuickLicense 9.1 runtime system to protect and license a Linux desktop applications. Apply licensing to a 32 or 64-bit executable with a few programming commands. Use LinuxWrap to license a compiled executable without programming.

- [Turing Award winner Barbara Liskov on CLU and why programming is still cool ? The Register](#) [3]

It has been 12 years since Barbara Liskov won a Turing Award for her contributions to practical and theoretical foundations of programming language and system design, and these days the creator of the CLU programming language continues to work on some interesting problems.

We spoke about innovation, abstraction and encapsulation in the 1970s and today in a recent chat.

Liskov, now in her 80s, leads the Programming Methodology Group at the Massachusetts Institute of Technology. Recently, she has been working on parallel computing and, with a student, developed Byzantine Fault Tolerance\* [PDF] in the 1990s, "which turns out to be very significant for the blockchain world," she says.

- [GitLab all set to go public as revenues ? and losses ? rise](#) [4]

DevOps darling GitLab has finally filed for an Initial Public Offering (IPO) as revenues

continue to grow and losses widen.

The IPO had been expected in 2020 but the company put things off due to the pandemic until late last week, when the paperwork was filed with the US Securities and Exchange Commission (SEC).

The company, founded in 2014, has remained tight-lipped over the sums involved, although the filed S-1 form recorded that the proposed maximum aggregate offering price is estimated at \$100m.

[...]

In the IPO document, Gitlabs said it was on course to grow revenues to \$233m in its current financial year ending in 2022. This compares to the \$152.2m reported in fiscal 2021 and the \$81.2m in the year before that.

However, losses also widened over those years. The net loss in fiscal 2020 was \$130.7m ? but it was \$192.2m in fiscal 2021. Net loss reached \$69m for the six months ended 31 July 2021, up from \$43.5m for the same time last year.



#### [The 10 Core Differences Between C and C++ \[5\]](#)

C and C++ are two different well-recognized programming languages with the function of assembly language. Though both C and C ++ sound similar with an extra "++" on the latter, their features and usage are distinctive.

C is a procedural programming language with a static system, whereas C++ is an enhanced version of the C programming language with object-oriented programming support.

#### [Development](#)

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