Subject: Re: Future of C++
Posted by koldo on Tue, 10 Dec 2019 07:14:09 GMT

Yes, I have seen that tendency too about Python.

I have heard that a kind of "mantra" is spread stating that it is more difficult, verbose and error prone to code in C++ than in Python, so Python programmers are simply more productive for a company.

I am tired of explaining that that image belongs to C 30 years ago, and using the wrong C++ libraries.

I myself witnessed a comparative test doing some simple scientific applications (for example, parsing a 4 Gb text file, extracting some summary data, and filling an Excel spreadsheet) and U++ tied or smashed Matlab, Fortran and Python in all ranks as source size, software speed and size.

Despite the facts, many dept. heads and managers follow the fashion and impose Python in their departments. In addition new graduates from STEM careers come with Python background, while at the same time they have been told wearily that C++ is arcane, impossible for them, just for freaky hackers.

(Added: On the other hand, good friends with top scientific level, flip out on what some of my programs do. They think that I am an amazing programmer, and really they are stronger programmers than me, but they have that negative C++ image burned on their brains)