

C++ User Group - Talk #1172

Modern C++: how inheritance and virtual functions fell out of fashion

2014-11-12 14:52 - Kretz, Matthias

Status:	New	Start date:	2014-11-12
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Talk Author(s):		Presenter:	
Description			
<p>C++ experts seem to agree that the need for inheritance and virtual functions has declined, while solutions based on generic functions and classes have become more and more important. The talk should compare OO and generic programming paradigms and how C++ supports both of them. The performance and maintenance aspects should be discussed. Most importantly examples should compare the different approaches.</p>			

History

#1 - 2015-04-02 09:13 - Steinberg, Vinzent

Instead of classes Rust has traits, which do not have the disadvantages of inheritance. I might spend some time on this in my upcoming talk. (I'll have to see whether I can afford the time spent on explaining traits though.)

#2 - 2015-04-02 10:13 - Kretz, Matthias

I'll have to see whether I can afford the time spent on explaining traits though.

I don't know Rust's traits, but if they are related to C++'s type traits you might take a shortcut there. We recently covered type traits in one of the meetings.