

C++ User Group - Talk #1519

Rust for C++ programmers

2015-04-01 16:29 - Kretz, Matthias

Status:	Presented	Start date:	2015-04-01
Priority:	Normal	Due date:	2015-04-29
Assignee:	Steinberg, Vinzent	% Done:	0%
Category:		Estimated time:	0.00 hour
Talk Author(s):		Presenter:	
Description			

History

#1 - 2015-05-02 15:54 - Kretz, Matthias

- Status changed from New to Presented

Vinzent, can you please attach your slides and update the description (basically copy your abstract). Thanks.

#2 - 2015-05-04 09:08 - Steinberg, Vinzent

- File talk.pdf added

#3 - 2015-05-04 09:13 - Steinberg, Vinzent

Abstract:

C++ has a lot of problems that cannot be fixed, because backwards compatibility has to be maintained. Rust is an emerging programming language trying to learn from the past and provide a modern alternative. By making ownership of data explicit, it can guarantee memory safety and the absence of data races, while offering a level of control over performance similar to C++.

A brief introduction to Rust as a language will be given in the talk. We will see how Rust's ownership model guarantees memory safety.

Files

talk.pdf	601 KB	2015-05-04	Steinberg, Vinzent
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