AERR presentation

Something

Luis Mata   Adrian Enríquez   Carlos Ignacio Isasa   Mieczyslaw Bak

January 13, 2022

Universidad Complutense de Madrid (UCM)

UNIVERSIDAD
COMPLUTENSE
MADRID

Agenda

- Introduction

- Proof Carrying Code

- Conclusion

Introduction

A type system is a set of rules that assigns a property called type to the various constructs of a computer program, such as variables, expressions, functions or modules (Type Systems, 2021).

A citation here to test the markdown (Necula, 1997)

Next page of the presentation

- We can include latex!

$$\sigma = \frac{1}{2} \left(\frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \left(x - \mu \right)^2 \right) \right)$$

Proof Carrying Code

Proof carrying code allows a system to be used to verify the correctness of a program by a formal verification method that accompanies the program.

Proof Carrying Code (PCC)

...

Conclusion

Conclusion

Images in markdown format!

Figure 1: Haskell Brooks Curry

Necula, G. C. (1997). Proof-carrying code. *Proceedings of the 24th ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages*, 106–119.

Type Systems. (2021). *Type systems — Wikipedia, the free encyclopedia*. https://en.wikipedia.org/wiki/Type_system