

DLS05

ACM Dynamic Languages Symposium 2005

October 18, 2005, San Diego, California

(co-located with OOPSLA'05)

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Proceedings

The DLS'05 Proceedings are published in the ACM Digital Library.

Program

Description

In industry, static languages (such as Java, C++ and C#) are much more widely used than their dynamic counterparts (like CLOS, Python, Self, Perl, php or Smalltalk). So it appears as though dynamic language concepts were forgotten and lost the race.

But this is not the case.

Java and C#, the latest mainstream static languages, popularized to a certain extent dynamic language features such as garbage collection, portability and (limited forms of) reflection. In the near future, we expect this dynamicity to increase even further. E.g., it is getting clearer year after year that pervasive computing is becoming the rule and that concepts such as meta programming, reflection, mobility, dynamic reconfigurability and distribution are becoming increasingly popular. All of these features are the domain of dynamic languages, and hence it is only logical that more dynamic language concepts have to be taken up by static languages, or that dynamic languages can make a breakthrough.

Currently, the dynamic language community is fragmented, split over a multitude of paradigms (from functional over logic to object-oriented), languages and syntaxes. This fragmentation severely hinders research as well as acceptance, and results in either language wars or, even worse, language ignorance. The goal of this symposium is to provide a highly visible, international forum for researchers working on dynamic features and languages. We explicitly invite submissions from all kinds of paradigms (object-oriented, functional, logic, ...), as can be seen from the structure of the program committee.

Check out the updated Program!

- Program
- Implementing Dynamic Languages on the .NET CLR
- Call for Papers
- Common Lisp: a dynamic languages for a dynamic world: you don't have to sacrifice performance for programmer productivity
- I Have Nothing to Declare but My Genius
- Objects as Software Services
- Program Committee
- Registration and Prices