

Reading Assignment, Week #10

For: Read:

3/5

3/7 Chapter 15 of text; browse [Kranz *et al.* 86], [Tarditi *et al.* 96] if you're interested in efficient compilation of functional languages

3/9 Section 14.1-14.6 of text (note that this chapter is pretty naive and section 14.3 is really dumb); skim [Hölzle & Ungar 94], [Dean *et al.* 96]

Bibliography:

[Kranz *et al.* 86] David Kranz, Richard Kelsey, Jonathan Rees, Paul Hudak, James Philbin, and Norman Adams. ORBIT: An Optimizing Compiler for Scheme. In *PLDI '86*.

[Tarditi *et al.* 96] David Tarditi, Greg Morrisett, Peter Cheng, Chris Stone, Robert Harper, and Peter Lee. TIL: A Type-Directed Optimizing Compiler for ML. In *PLDI '96*.

[Hölzle & Ungar 94] Urs Hölzle and David Ungar. Optimizing Dynamically Dispatched Calls with Run-Time Type Feedback. In *PLDI '94*.

[Dean *et al.* 96] Jeffrey Dean, Greg DeFouw, David Grove, Vassily Litvinov, and Craig Chambers. Vortex: An Optimizing Compiler for Object-Oriented Languages. In *OOPSLA '96*.