Reading Assignment, Part 1

Review chapters 6, 7, 8 of [Appel 98], as needed

For: Read:

1/9   chapter 10, chapter 17 through 17.4, chapter 18 of [Appel 98];
        on first reading, look for what optimizations can do;
        on second reading, look for what analyses can enable what optimizations;
        on third reading, look for how analyses are specified and implemented

1/14   [Chambers 02], browse [Cecil 02a], [Cecil 02b]

1/21   [Tjiang & Hennessy 92], [Lerner *et al.* 02]

Bibliography:

[Appel 98] Andrew W. Appel. *Modern Compiler Implementation*. Cambridge University Press, Cambridge, UK, 1998.

[Chambers 02] Craig Chambers. The Cecil Language: Specification and Rationale (Version 3.1). Available at http://www.cs.washington.edu/research/projects/cecil/www/Release/index.html.

[Cecil 02a] The Cecil Group. Cecil Standard Library Reference Manual. Available at http://www.cs.washington.edu/research/projects/cecil/www/Release/index.html.

[Cecil 02b] The Cecil Group. How to Use the Vortex Compiler. Available at http://www.cs.washington.edu/research/projects/cecil/www/Release/index.html.

[Tjiang & Hennessy 92] Steven W.K. Tjiang and John L. Hennessy. Sharlit - A Tool for Building Optimizers. In *PLDI '92*.

[Lerner *et al.* 02] Sorin Lerner, David Grove, and Craig Chambers. Composing Dataflow Analyses and Transformations. In *POPL '02*.