





















Summary

- Optimization is hard but fun.
- Terminology: CFG, BB, EBB, Program points.
- Basic blocks and basic block optimizations.
 - Copy and constant propagation.
 - Common sub-expression elimination.
 - Dead code elimination.
- Dataflow Analysis
 - Control flow graph.
 - IN[b], OUT[b], transfer functions, join points.

Advanced Compiler Techniques 3/11/2005 ttp://lamp.epfl.ch/teaching/advancedCompiler/