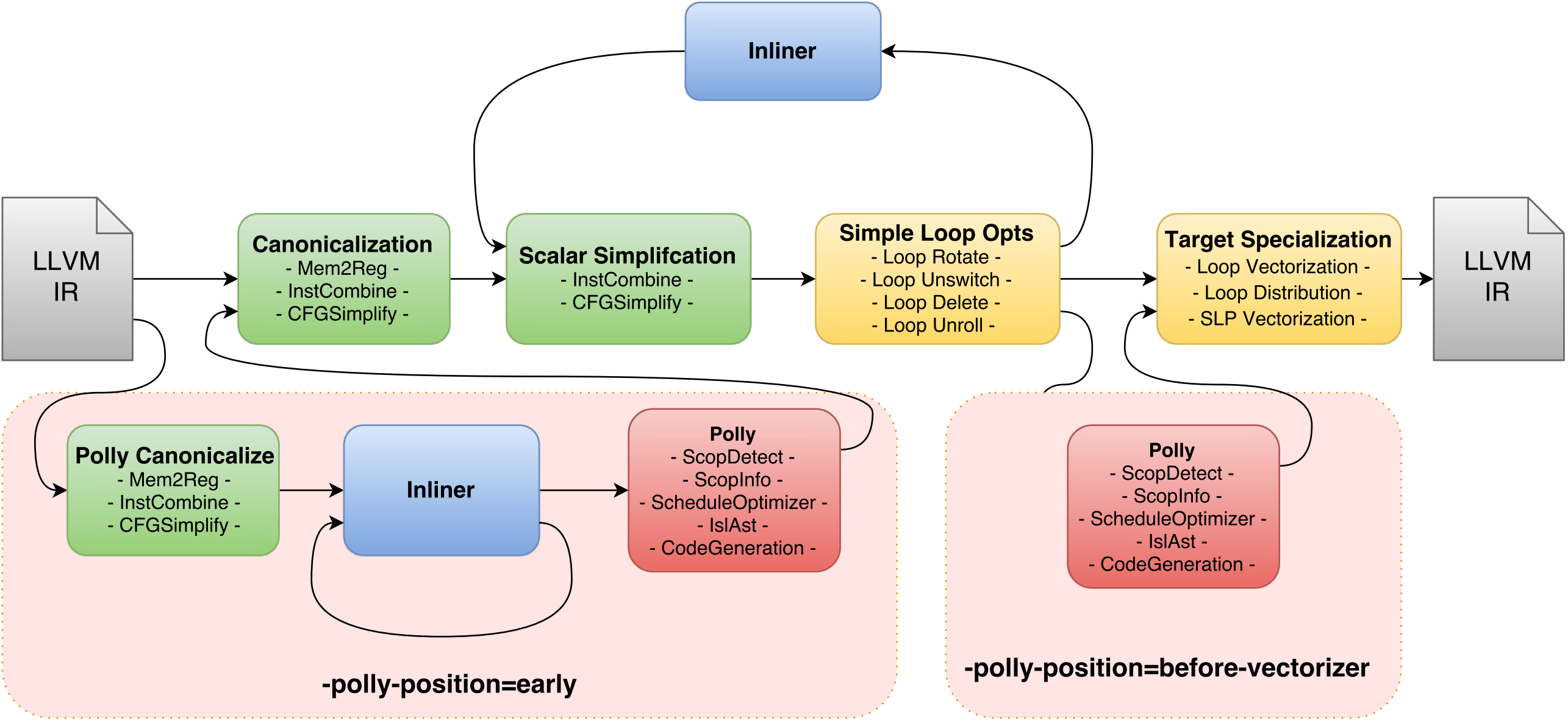
Inliner
LLVM IR
Canonicalization
- Mem2Reg -
- InstCombine -
- CFGSimplify -
Scalar Simplifcation
- InstCombine -
- CFGSimplify -
Simple Loop Opts
- Loop Rotate -
- Loop Unswitch -
- Loop Delete -
- Loop Unroll -
Target Specialization
- Loop Vectorization -
- Loop Distribution -
- SLP Vectorization -
LLVM IR
Polly Canonicalize
- Mem2Reg -
- InstCombine -
- CFGSimplify -
Inliner
Polly
- ScopDetect -
- ScopInfo -
- ScheduleOptimizer -
- IslAst -
- CodeGeneration -
-polly-position=early
Polly
- ScopDetect -
- ScopInfo -
- ScheduleOptimizer -
- IslAst -
- CodeGeneration -
-polly-position=before-vectorizer