



# Modules Integration 3/3



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  - Allows for fine-grain selection
    - Can pick a different module for each transformation (e.g., Interchange, Tiling)
  - Work on code region level
  - Workflow:
    - Locus transforms to modules notation
    - Module applies the optimization
    - Locus transforms the resulting code into its internal representation (AST and code region structure)
  - Flexible enough to integrate other transformations if needed

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# Optimizations for Pruning

- During conversion:
  - Dead code elimination
  - Constant folding
  - Constant propagation