

# GIMPLE Front End

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# GIMPLE Front End



- Goal
  - Text representation of gimple
  - Unit testing
  - Pipeline start/stop at arbitrary points
- Properties
  - Can be used as input for LTO
  - Low gimple only
  - Output of any pass can be used as input for any other

# Status



- Status
  - Primitive recognizer
  - Branch `gimple-front-end`
  - Part time effort
- Plan
  - Type parsing → GIMPLE type system needed
  - Change pass manager
  - GIMPLE dumps produce valid input
  - Dejagnu support for `.gimple` input