

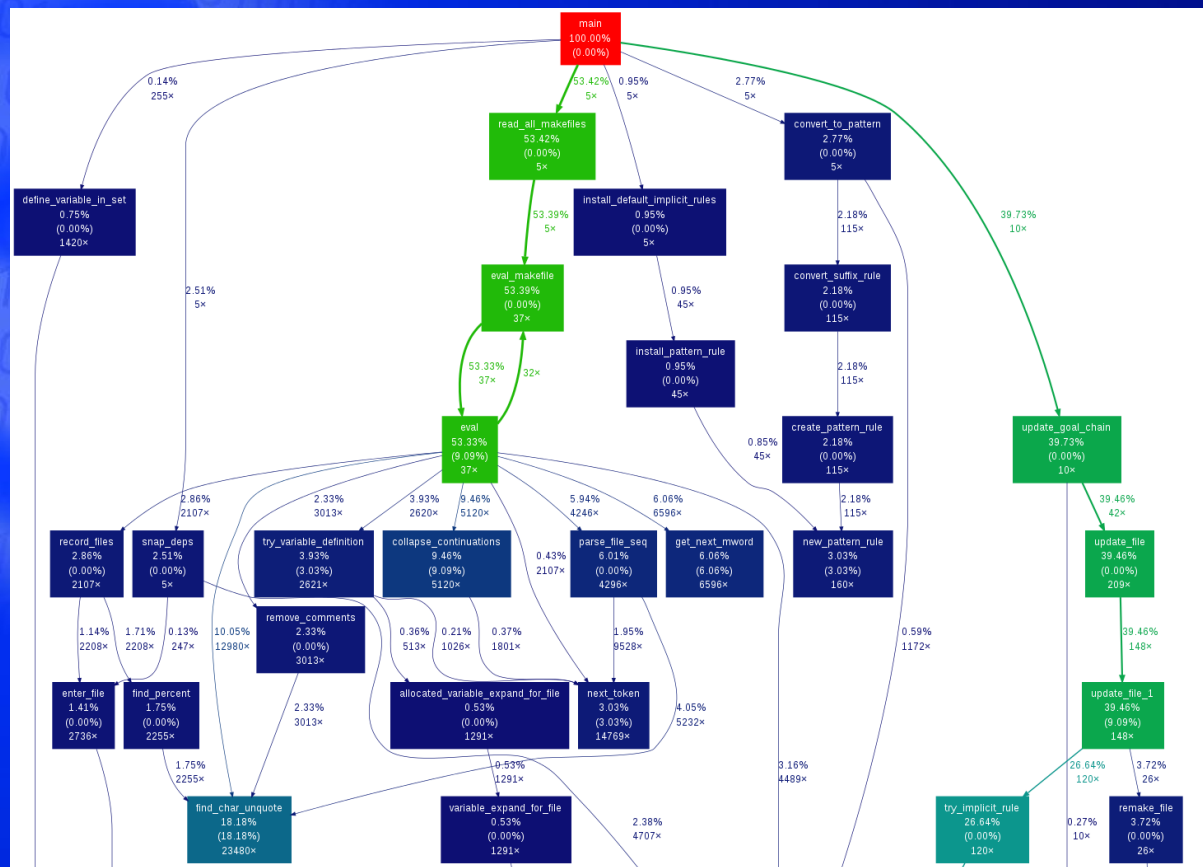
# **Project (Stage 1)**

# Step 1

- Understand
    - What the workload does
    - Program structure (了解程式架構與流程)
      - gprof
      - gprof2dot
- <https://code.google.com/p/jrfonseca/wiki/Gprof2Dot>
- Others ...

# Gprof2Dot

- <https://code.google.com/p/jrfonseca/wiki/Gprof2Dot>



# Step 2

- **Compile the benchmarks by at least 2 different compilers (請以UNIX-like平台為主)**
  - GCC
  - Intel C++ compiler
  - Oracle solaris studio
  - AMD Optimizing C/C++ compiler
  - LLVM, or Others ...
- **Two compiler optimizations**
  - No optimizations (ex: -O0)
  - Fully optimizations (ex: -O3 or -Ofast)

# Step 3

- **Presentation (10 ~ 15 mins)**
  - Workload程式主要在做什麼?
  - 測試平台資訊 (evaluation environment)
  - What compilers (with options) you used
  - Report your data (execution time)