

# Research Report

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# review of the issues to solve/What I needed to do

- Needed to successfully build PoCC on CygWin
- Needed to build PoCC using mingw
- Whichever of the above two that provides the most easy way for others to try should be the focus
- Others
  - Plos ONE (cardiac)
  - Lulesh (using INRIA PPCG)
  - PNNL benchmark

# Progress on Windows PoCC

- Cygwin successfully built
  - Update: it is possible to ship the cygwin dlls (only 4 involved) with PoCC.exe
  - Update: a little issue (though easy to solve) is PoCC.exe would call LINUX SCRIPTS to postprocess and assemble the output together
  - Planned action: also ship the SCRIPTS -- this needs a BASH system to also be shipped (bash.exe, find.exe, grep.exe from mingw can be a good choice)
- MinGW built
  - less library than Cygwin caused undefined variable
  - Still under investigation.
  - Set MinGW priority lower than making Cygwin-PoCC easy to try
  - After making Cygwin-PoCC work, immediately go back to this

# The plan

- Cygwin "one-icon click" version ship to John soon
- MinGW-PoCC: try to make it work
- Others : depends on whether the above getting.