

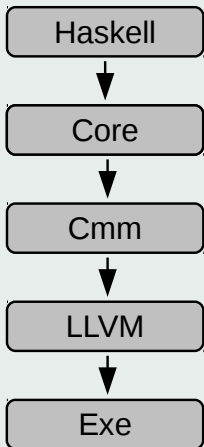
Demo: Core Diving

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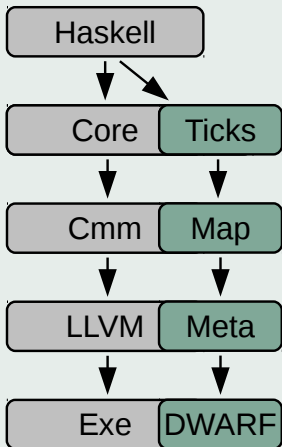
University of Leeds
Visualization and Virtual Reality Group

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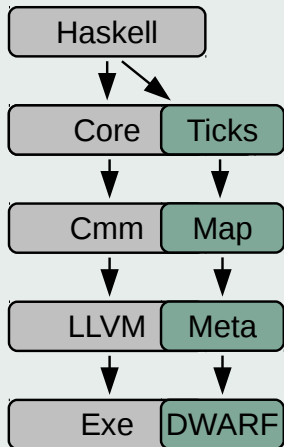
GHC Pipeline



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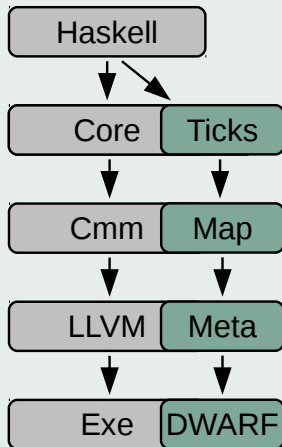


Compared to cost centre profiling?

Advantages

- Works with optimized build
- C-style profiler

GHC Pipeline



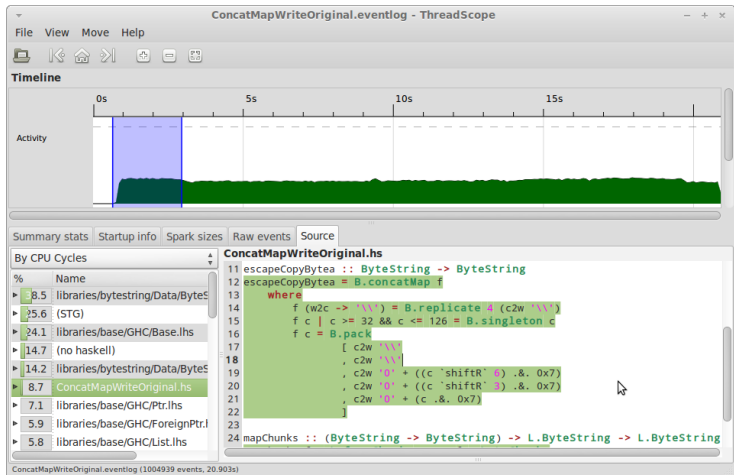
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Advantages

- Works with optimized build
- C-style profiler

Disadvantages

- Stack traces **even harder**
- Core transformations make source hard to track



Example source:

- Original author Joey Adams, posted on Stack Exchange, Code Review section
- <http://codereview.stackexchange.com/questions/9998/optimizing-bytestring-escaping>

Try it!

Rough How-To

- 1 Have Linux (sorry)
- 2 Get LLVM and libdwarf-dev
- 3 Build GHC & ThreadScope

Detailed How-To

<http://github.com/scpmw/ghc/#how-to-build-and-use>

... and thanks for listening!