

Profiling the Atom Render Process on macOS with Instruments

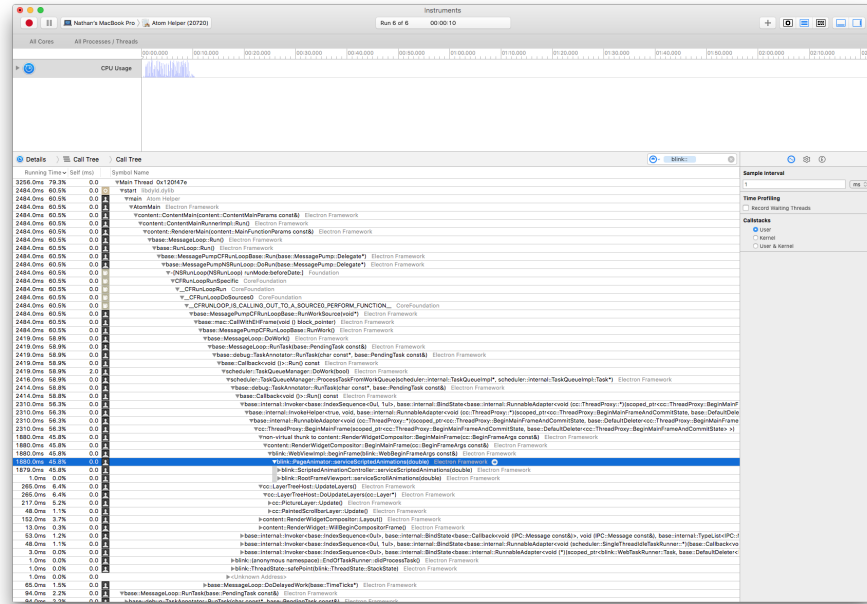


Figure 1: Instruments

- Determine the version of Electron for your version of Atom.
 - Open the dev tools with `alt-cmd-i`
 - Evaluate `process.versions.electron` in the console.
- Based on this version, download the appropriate Electron symbols from the releases page.
 - The file name should look like `electron-v1.X.Y-darwin-x64-dsym.zip`.
 - Decompress these symbols in your `~/Downloads` directory.
- Now create a time profile in Instruments.
 - Open `Instruments.app`.
 - Select `Time Profiler`
 - In Atom, determine the pid to attach to by evaluating `process.pid` in the dev tools console.
 - Attach to this pid via the menu at the upper left corner of the Instruments profiler.
 - Click record, do your thing.
 - Click stop.
 - The symbols should have been automatically located by Instruments (via Spotlight or something?), giving you a readable profile.