The DevTools Performance Tab

There are times when we need to see how our site works performance-wise so we can troubleshoot performance bottlenecks beyond what we get when we use the Audits panel or Lighthouse as a standalone tool

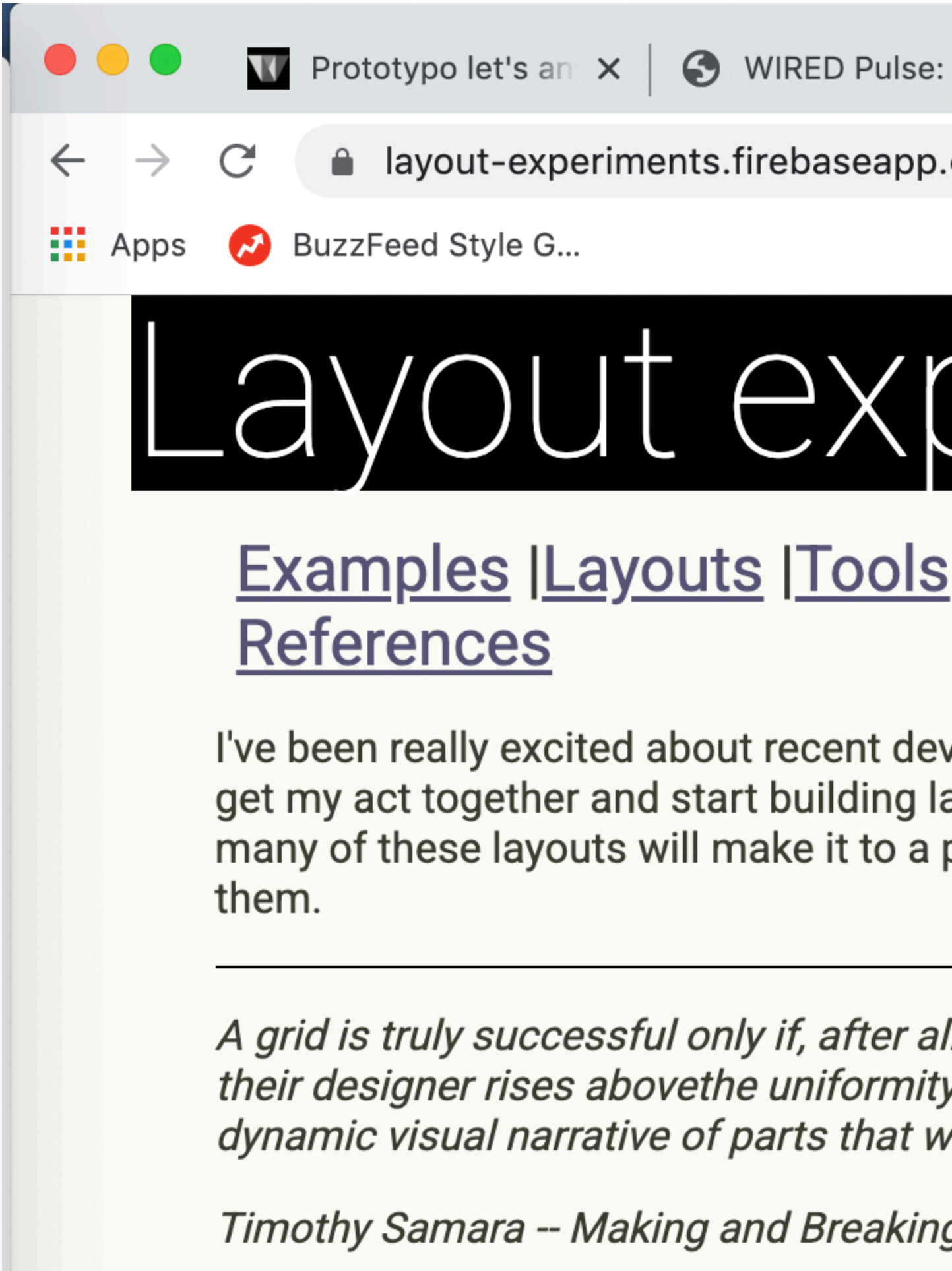
Running the performance test

In order to run a DevTools performance audit follow these steps.

1.- Make sure that you are running in Incognito Mode to prevent extensions from causing any problems

2.- Open DevTools (`Command + Option + I` on Macintosh or `Control + Shift + I` on Windows)

3.- Go to the performance tab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A grid is truly successful only if, after al
their designer rises abovethe uniformity
dynamic visual narrative of parts that w
Timothy Samara -- Making and Breaking

Figure 1: Screenshot when a user first clicks on the Performance tab in Chrome DevTools

4.- Reload the page to begin the performance recording

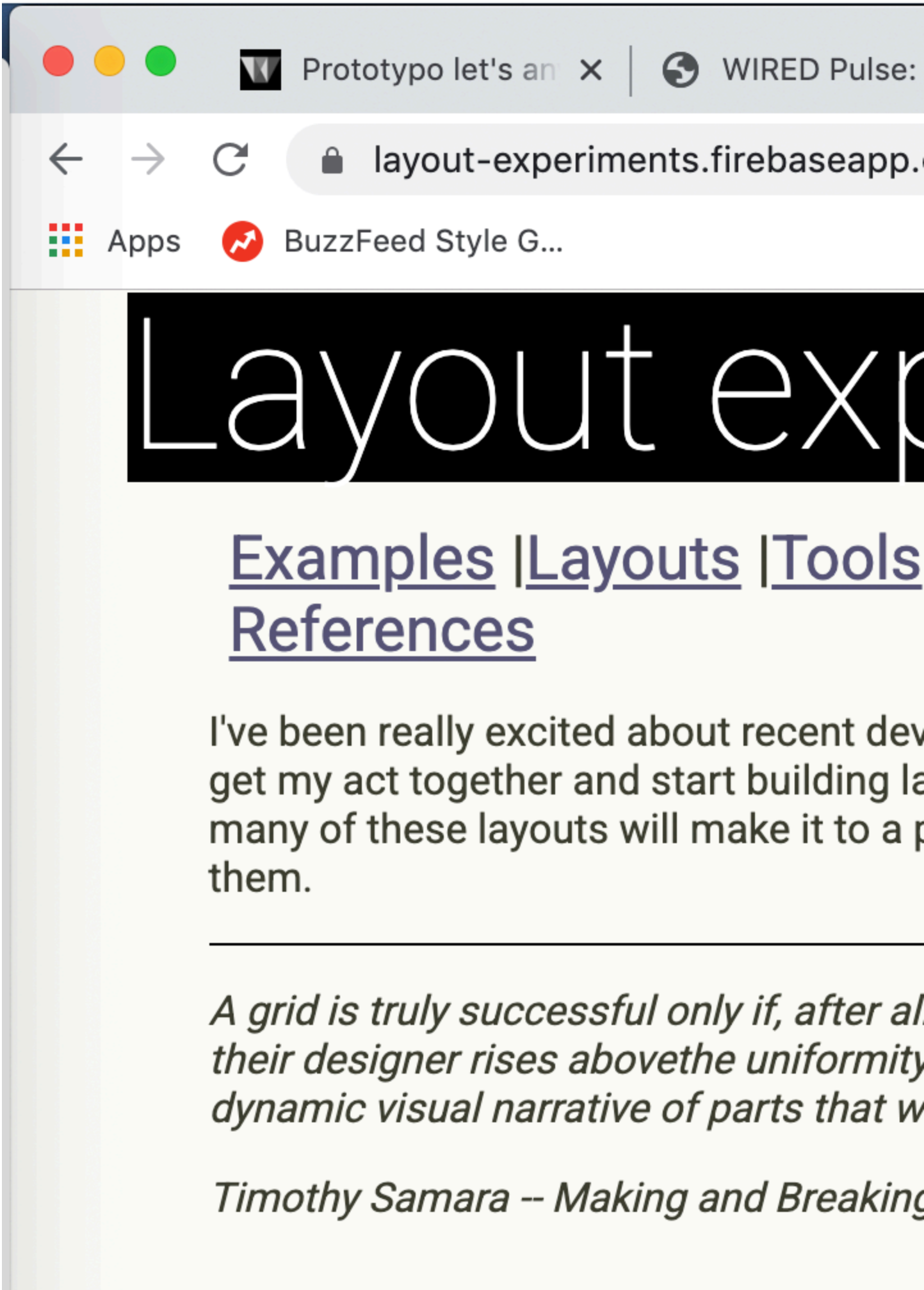
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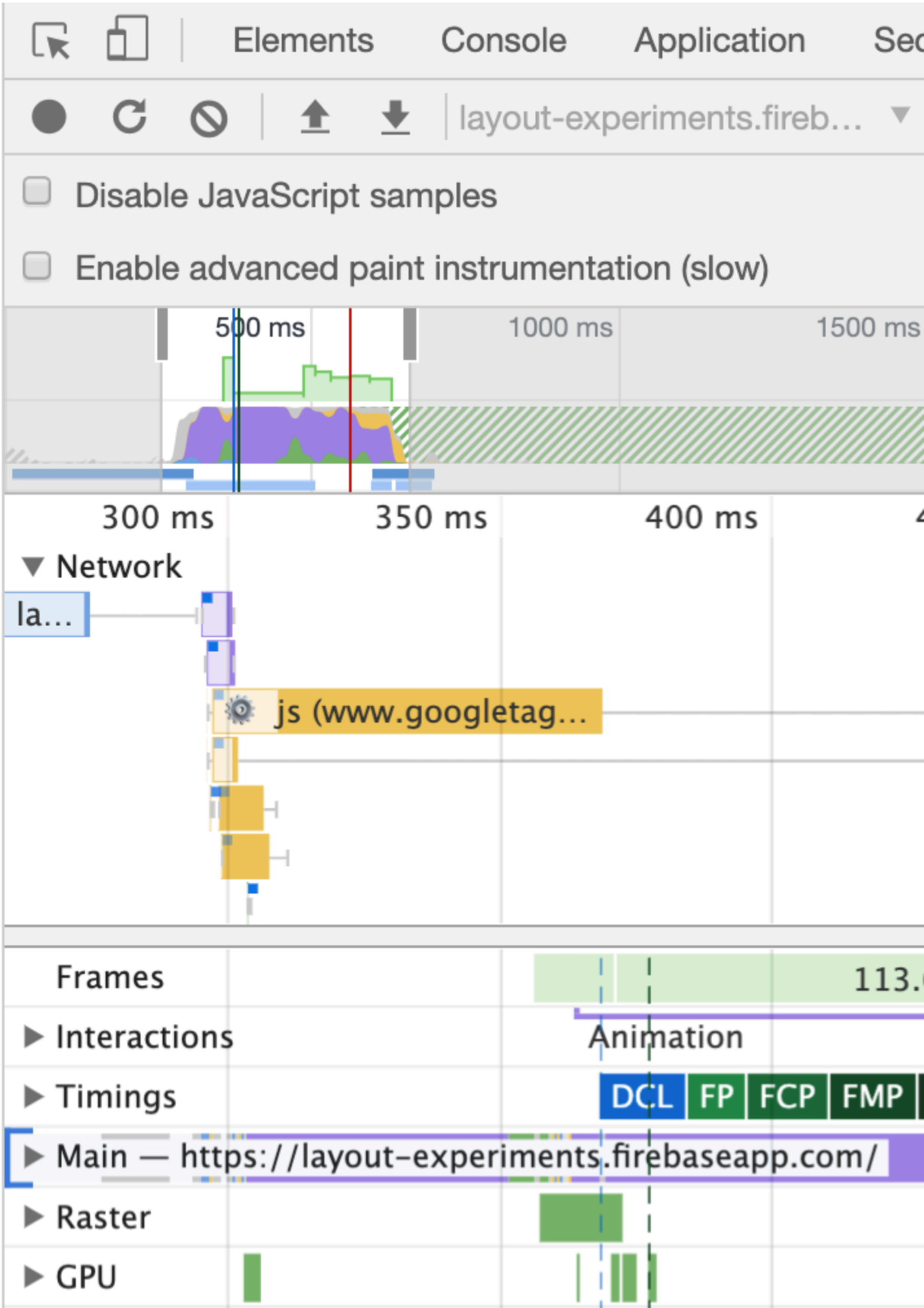
Figure 2: Dialogue showing Chrome DevTools performance proocessing

5.- Once the analysis is complete, you will be shown the results.


Elements
Console
Application
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Disable JavaScript samples
Enable advanced paint instrumentation (slow)
500 ms
1000 ms
1500 ms
300 ms
350 ms
400 ms
Network
la…
js (www.googletag…
Frames
113.
Interactions
Animation
Timings
DCL
FP
FCP
FMP
Main — https://layout-experiments.firebaseapp.com/
Raster
GPU

Figure 3: Chrome DevTools performance tab results

This post will not cover every single feature available for performance analysis but those I use most frequently and think are important.

https://developers.google.com/web/tools/chrome-devtools/evaluate-performance/

Simulating mobile devices

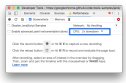

Figure 4: Performance settings, including networok settings aand CPU slowdown