

Why is this upgrade necessary ?

- Reliable build, as with newer version of angular we able to catch UI error in dev itself
- Better performance, Better dv/qa/end user experiance, no one love to browse slow app
- Security Updates
- Introduction of new features
- Constant Evolution of the Framework (write a better and efficient code)
- Better Tooling Support

Build

Now

```

• hemantsingh@KI0993:~/Documents/projects/Findly/findly-builder$ ng build
✓ Browser application bundle generation complete.
✓ Copying assets complete.
✖ Generating index html...1 rules skipped due to selector errors:
  legend+* -> Cannot read properties of undefined (reading 'type')
✓ Index html generation complete.

Initial Chunk Files | Names | Raw Size | Estimated Transfer Size
main.d66c793404003f9f.js | main | 9.06 MB | 1.36 MB
polyfills.afd8b194fb84c645.js | polyfills | 1.16 MB | 227.63 kB
styles.2422026314f854a3.css | styles | 1.12 MB | 139.99 kB
scripts.dbc0e861345f042c.js | scripts | 375.66 kB | 105.82 kB
runtime.eb5823fea40356a4.js | runtime | 1.80 kB | 912 bytes

| Initial Total | 11.71 MB | 1.83 MB

Build at: 2022-11-10T05:20:50.953Z - Hash: 199f3652c6f402ae - Time: 25499ms

```

Prev

```

• hemantsingh@KI0993:~/Documents/work/Findly/findly-builder$ npm run build

> findly@0.0.0 build /home/hemantsingh/Documents/work/Findly/findly-builder
> ng build

chunk {main} main.js, main.js.map (main) 17.6 MB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 1.65 MB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.15 kB [entry] [rendered]
chunk {scripts} scripts.js, scripts.js.map (scripts) 646 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 1.66 MB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 15.1 MB [initial] [rendered]
Date: 2022-11-10T05:37:50.609Z - Hash: d57645bed11f7d57e216 - Time: 65783ms

```

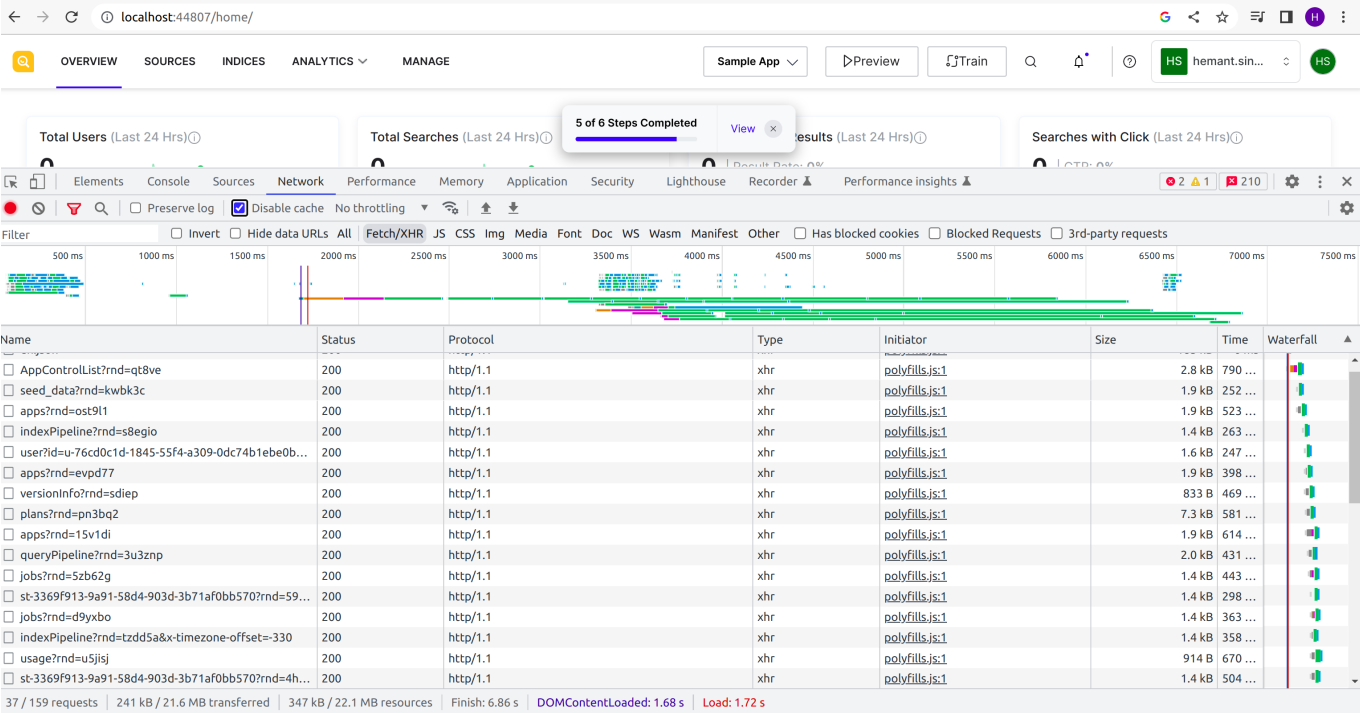
Bundle size reduction

| | | |
|----------|-----------------|----------|
| main | 17.6MB / 9.06MB | = 8.54MB |
| polyfill | 1.65MB / 1.16MB | = 0.49MB |
| runtime | 6.15KB / 1.80KB | = 4.35KB |

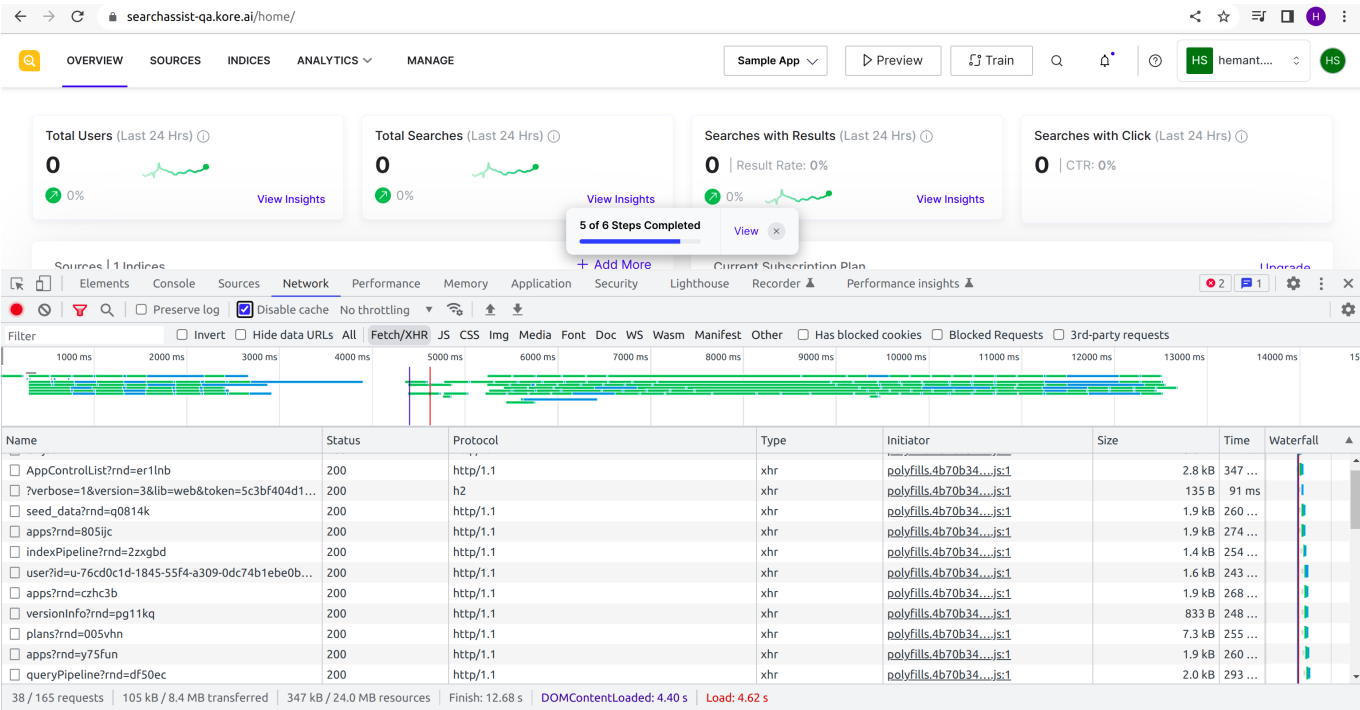
| | | |
|---------|------------------|----------|
| styles | 1.66MB / 1.12MB | = 0.54MB |
| scripts | 646KB / 375.66KB | = 271KB |

Performance

Now



Before



Gain...

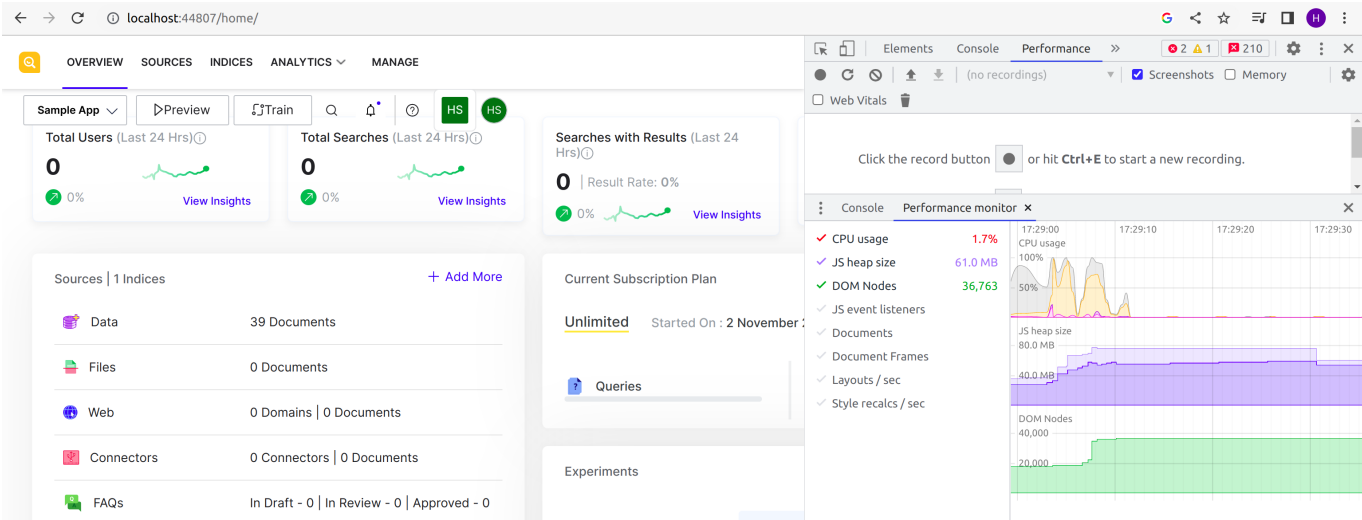
| | | | | | |
|-------------------|------------------------------|----------------------------|-----------------|--------------------------|--------------|
| 37 / 159 requests | 241 kB / 21.6 MB transferred | 347 kB / 22.1 MB resources | Finish: 6.86 s | DOMContentLoaded: 1.68 s | Load: 1.72 s |
| 38 / 165 requests | 105 kB / 8.4 MB transferred | 347 kB / 24.0 MB resources | Finish: 12.68 s | DOMContentLoaded: 4.40 s | Load: 4.62 s |

21.6MB loaded in 1.72sec in dev environment (Un optimized dev build) 8.4MB loaded in 4.62sec in qa env (better server, better caching , optimized build)

isn't its magic!

Performance Monitor Report

Now



Before

