PARCEL
Automatic production optimization
– Code splitting
– Consistent content Hashing
dashboard.a96cdf.js
Parcel automatically includes content hashes in the names of all output files. This enables long-term browser caching, because the output is guaranteed not to change unless the name does.
– Image Optimisation
Most expensive in browser are images
– Minification
– Tree Shaking = remove unused code
– Compress
Ship for any target
Differential bundling – supports older browsers
When you use <script type="module">, Parcel automatically generates a nomodule fallback for old browsers as well, depending on your browser targets.
This results in much smaller bundles for a majority of users in modern browsers, while still supporting older browsers as well!
Transpilation
Browserslist (npm package)
Browserslist configuration takes an array of browsers
Needs configuration in package.json
You will configure it inside package.json
"browserslist": ["last two Chrome versions"]
https://browserslist.dev
"last 2 versions" is good for me or "last 2 versions, > .2%, not dead"
- How does it happen?
- Parcel takes care of it along with browserslist
– Bundling
lightning fast
– Lazy Dev Build
– Native Performance
– Cashing – faster builds – in .parcel-cache folder
written in Rust
Parcel is such a beast - it's cashing the things up for you!!!
great development experience
– Beautiful diagnostics
– Local Server
– Zero config
– HMR = Hot Module Replacement
I appreciate you Parcel!
I love you Parcel!
https://parceljs.org/
Build our project using parcel
START
Development build
npx parcel index.html
npx means executing our package
npx parcel index.html
-npx means 'execute using npm'
- index.html is the entry point
executing
Add to word list
present participle of execute
/ˈek.sə.kjuːt/
აღმასრულებელი
Production build
npx parcel build index.html
Target "main" declares an output file path of "index.js" which does not match the compiled bundle type "html".
/Users/mancho/Sites/my-projects/namaste-react/Namaste-One/package.json:5:11
4 | "description": "This is Namaste React by Manana Gedevanishvili",
> 5 | "main": "index.js",
| ^^^