Parcel Zero-config bundler

CONCEPTS

Zero config: point Parcel at an entry (usually an HTML file) and it follows script, style and image references itself. serve is the default command.

Entry index.html or source field
↓ `parcel`
Dev server localhost:1234, HMR
↓ `parcel build`
dist/ minified, hashed files
↓ `parcel watch`
Watch rebuild, no HTTP server

The cache lives in .parcel-cache; add it and dist to .gitignore. When output looks stale or odd, delete the cache or pass --no-cache.

DEV SERVER

`parcel <entry>`
Start the dev server (same as parcel serve)

`parcel --port <port>`
Set the port (default 1234 or $PORT)

`parcel --host <host>`
Listen on one host instead of all

`parcel --open [browser]`
Open the entry in a browser

`parcel --https`
Serve dev and HMR over HTTPS

`parcel --no-hmr`
Turn off hot reloading

`parcel --lazy`
Build only bundles the browser requests

WATCH

`parcel watch <entry>`
Rebuild on change, no HTTP server

BUILD

`parcel build <entry>`
One production build, then exit

`parcel build 'src/*.html'`
Build many entries by glob (quote it)

`parcel build`
Use the source field of package.json

BUILD (cont.)

`parcel build --no-optimize`
Skip minification and optimizations

`parcel build --no-scope-hoist`
Disable scope hoisting

`parcel build --no-content-hash`
Keep names free of content hashes

`parcel build --detailed-report [n]`
List the n largest assets per bundle

`parcel build --no-source-maps`
Do not emit source maps

OUTPUT AND TARGETS

`--dist-dir <dir>`
Output folder (default dist)

`--public-url <url>`
Prefix for absolute URLs in output

`--target <name>`
Build only the named target

package.json fields

Field	Purpose
`source`	Default entry file(s)
`main`	Library output path (CommonJS)
`module`	Library output path (ES module)
`browserslist`	Browsers to support
`targets`	Per-target dist, publicUrl, options

--dist-dir and --public-url only apply where a target does not set its own distDir or publicUrl.

CACHE AND DIAGNOSTICS

`--no-cache`
Do not read from the cache

`parcel --version`
Print the Parcel version

CONFIG FILES

Targets in package.json

```
"source": "src/index.html",
"targets": {
  "default": { "distDir": "./public",
"publicUrl": "/app" }
}
```