

# Migrating CRA to Vite

Pros and cons compilation of this change

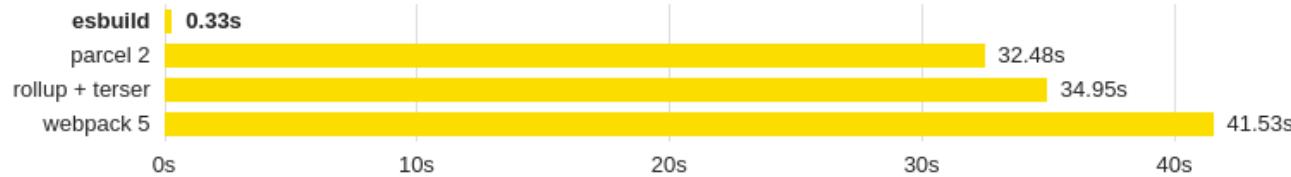
# Why Vite?

Next generation frontend tooling. It's fast!

-  Faster - 10-100x faster dev server than Webpack
-  Transpiling is done on-demand - Makes code-splitting a priority



# Esbuild vs Webpack



# Pros and Cons

It has no cons (jokes)

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## Pros

-  Fast
-  Easy to configure

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## Pros

-  Fast
-  Easy to configure

## Cons

-  Can only target modern browsers  
(ES2015+)
-  It's just fast

# How to migrate it

1. Install dependencies
2. Create Vite config file
3. Update `index.html` paths

```
// before
<link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
<link rel="shortcut icon" href="%PUBLIC_URL%/favicon.ico" />

// after
<link rel="manifest" href="/manifest.json" />
<link rel="shortcut icon" href="/favicon.ico" />
```

4. Remove `react-scripts`
5. Update scripts in `package.json`

# My experience



# References

- Vite 3.0 vs. Create React App: Comparison and migration guide;
- Migrating from Create React App (CRA) to Vite;
- Blazing fast TypeScript with Webpack and ESBuild;
- Has Vite Made Vue CLI Obsolete?;
- Why Vite (from Vite Doc);