

Parallel Query Running in Gatsby 4

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Over 50% of people will
abandon a site if it takes
more than 3 seconds to load

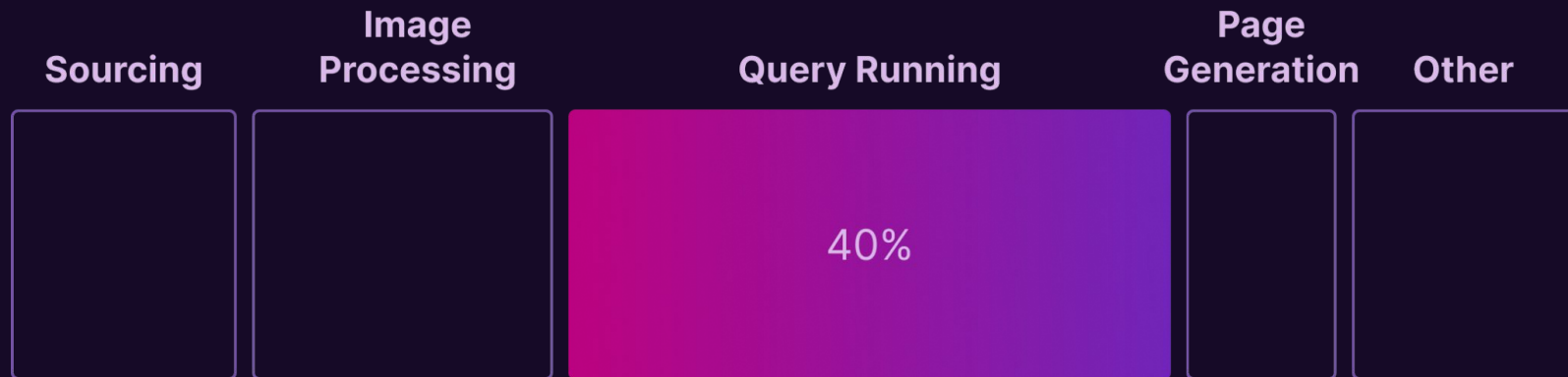
Static is **still** best

Ah, the **jamtax**

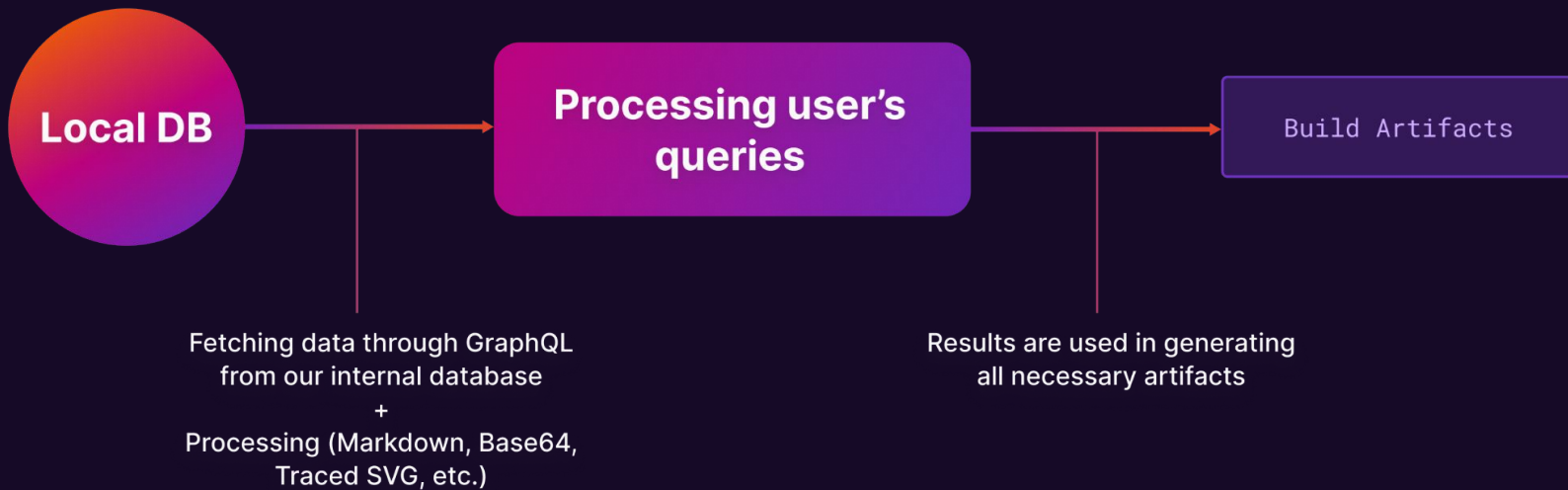




How can we reduce time spent running queries?



Overview of the Gatsby Build Process





“Parallel Query Running”



Sequential

Core 1

Query

Query

Query

Query

Query

Query

Query

Parallel

Core 1

Query

Query

Query

Core 2

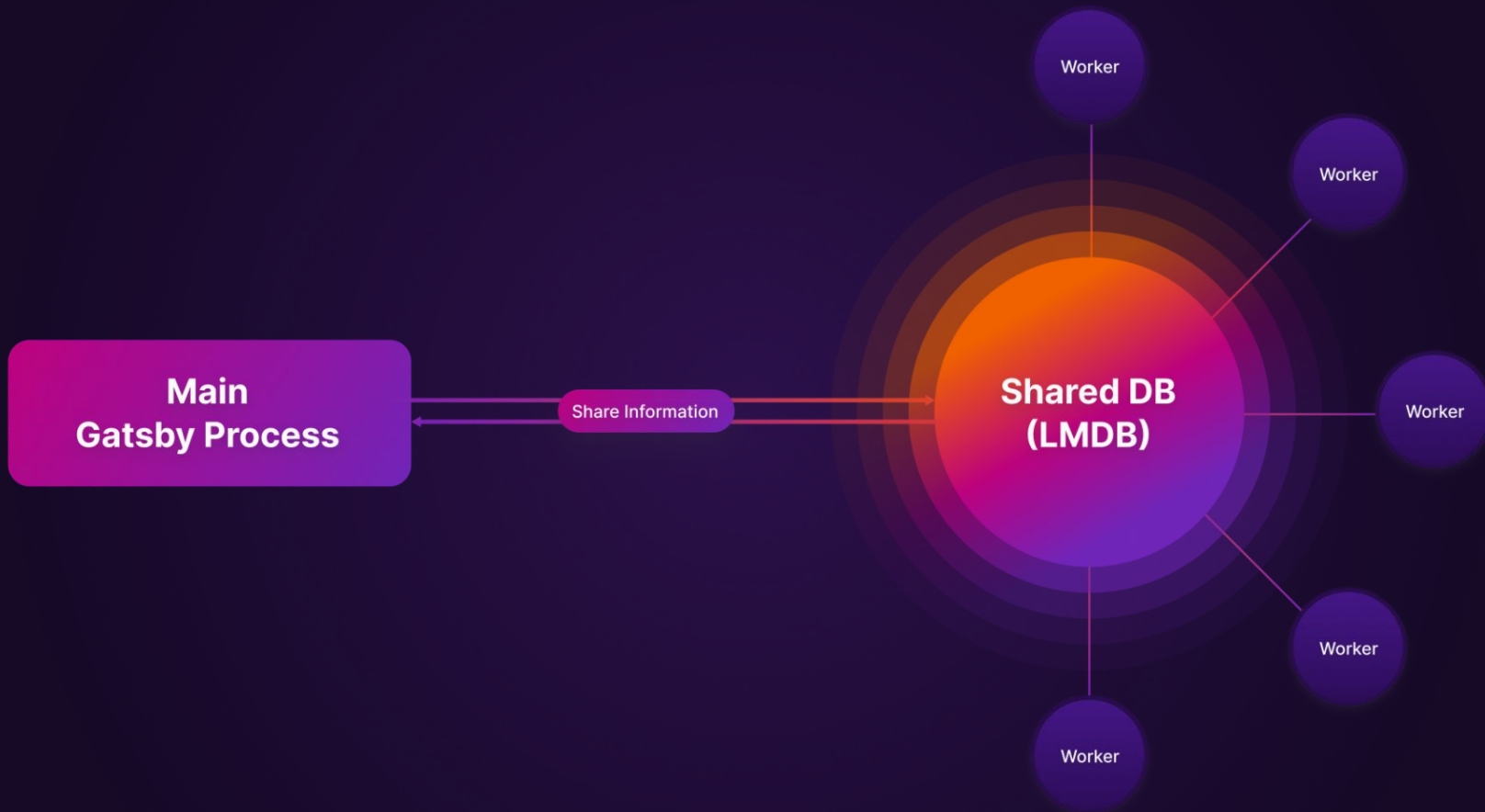
Query

Query

Core 3

Query

Query





Faster builds!



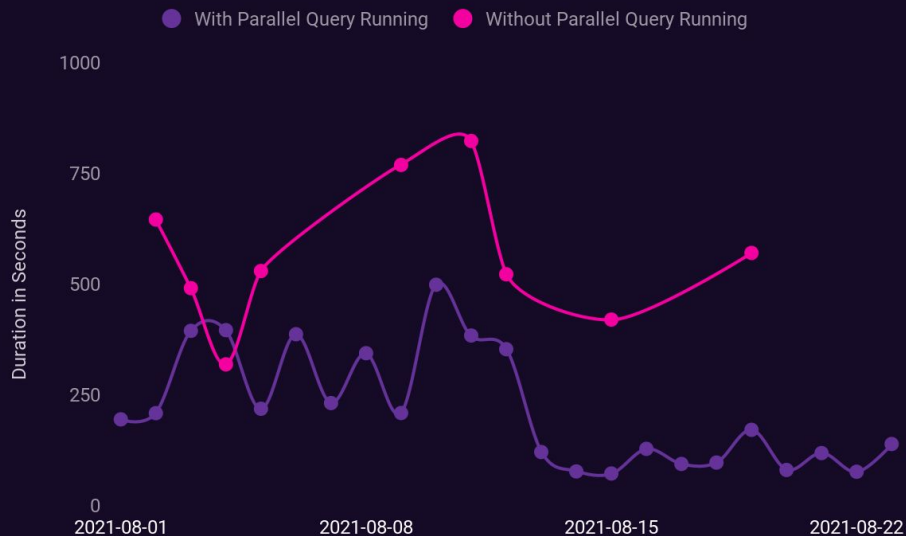
Revisiting the Gatsby Build Process

Gatsby: Static that **scales**

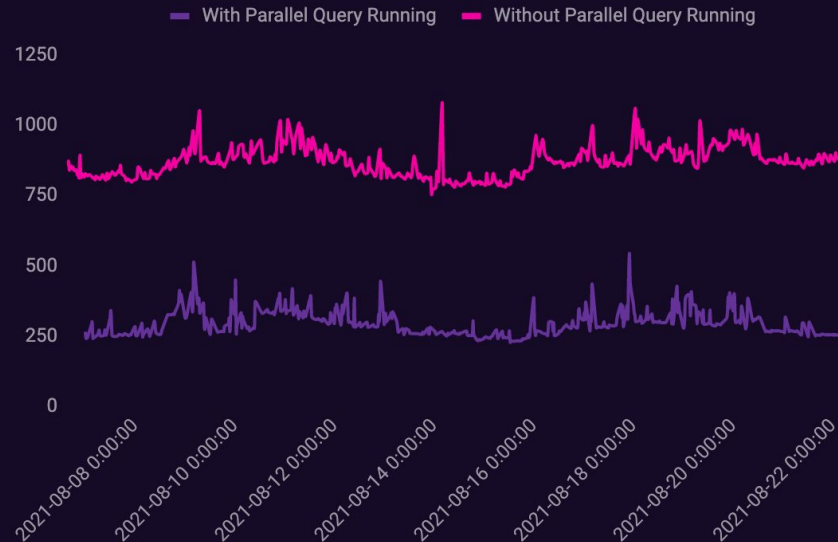
- ✓ Static Site Generation
- ✓ Incremental Builds
- ✓ Parallel Image Processing
- ✓ Parallel Query Running
- ✓ Server Side Rendering (WIP)
- ✓ Deferred Static Generation (WIP)



28,000 Page Contentful Gatsby Site



9,000 Page MDX Gatsby Site



How can I use it today?

```
// In your gatsby-config.js  
  
module.exports = {  
  flags: {  
    PARALLEL_QUERY_RUNNING: true  
  },  
  plugins: [/* Your data */]  
}
```

gatsby.dev/pqr-feedback

Start using Parallel Query Running **today**

For questions, feel free to contact us on **Twitter** or
go to **github.com/gatsbyjs/gatsby/discussions**

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