Resource Hints

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Resource Hints

- Resource Hint Link
  - dns-prefetch
  - preconnect
  - prefetch
  - prerender
- Speculative Fetch
  - prefetch
  - prerender

- *Most* of them used via `<link>` tags

DNS Prefetch

- Tell the user agent (browser) what to resolve as early as possible
  - Good for multiple resources

```
<link rel="dns-prefetch" href="//example.com">
```

Preconnect

- Recommended for third-party tags (i.e. injected scripts)
- Limited number of preconnects is possible
- **Trick**: preconnect is possible via the HTTP header value 'link' as well

Preload

- Required to use it with 'as'
  - script, style, image, font, document
  - For CORS enabled resources `crossorigin` attribute is required
- Helps browser to allocate resource priorities

```
<link rel="preload" href="my.js" as="script">
```

```
<link rel="preload" href="https://example.com/fonts/font.woff"
as="font" crossorigin>
```