

Precache Files with Workbox CLI

This page explains how to use the Workbox Command Line Interface (a.k.a the Workbox CLI) to generate the list of files to precache and add it to your service worker.

Note: You'll need to have [Node installed](#) to use the Workbox CLI.

Install the CLI

To start, install the CLI from npm.

```
$ npm install workbox-cli --global
```



You should be able to run the command `workbox --help` after it's installed.

```
$ workbox --help
```



```
workbox-cli is the command line interface for Workbox.
```

```
Usage:
```

```
$ workbox [options]
```

```
...
```

Run the Wizard

The next step is to run the wizard. This will setup the CLI to work for your project. The wizard will ask a set of questions about your projects file structure which'll be used to determine the files that should be precached.

Start the wizard like so:

```
$ workbox wizard --injectManifest
```



Add an Injection Point

Before the files can be "injected" into your service worker, you need to add this line of code to your service worker file:

```
workbox.precaching.precacheAndRoute([]);
```



This piece of code will be replaced by the CLI with the list of files (See the next section).

Inject a Manifest with the CLI

The final step is to run the inject manifest command:

```
$ workbox injectManifest
```



This command will create the list of files to precache, read your service worker file, inject the manifest and output a new service worker file with the manifest. The end result will look like this:

```
workbox.precaching.precacheAndRoute([  
  {  
    "url": "basic.html",  
    "revision": "7ca37fd5b27f91cd07a2fc68f20787c3"  
  },  
  {  
    "url": "favicon.ico",  
    "revision": "1378625ad714e74eebcfa67bb2f61d81"  
  },  
  {  
    "url": "images/hamburger.svg",  
    "revision": "d2cb0dda3e8313b990e8dcf5e25d2d0f"  
  },  
  ...  
]);
```



When you make a change to your project, run the inject manifest command and you'll have an up to date service worker with precache support.

Further Reading

The `workbox.precaching` API provides some options for configuration should you need to customize any of the default behaviors. [Learn more on the `workbox.precaching` page.](#)

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