About Weatherwise

Weatherwise is a Google Chrome Extension developed using the React library and bundled with Webpack. It takes advantage of some of the Google Chrome built-in APIs, for which it requires permission to access the active tab, local storage, geolocation and context menus, as described in **/src/manifest.json** .

To install the necessary node modules:

```
npm install
```

or

```
yarn
```

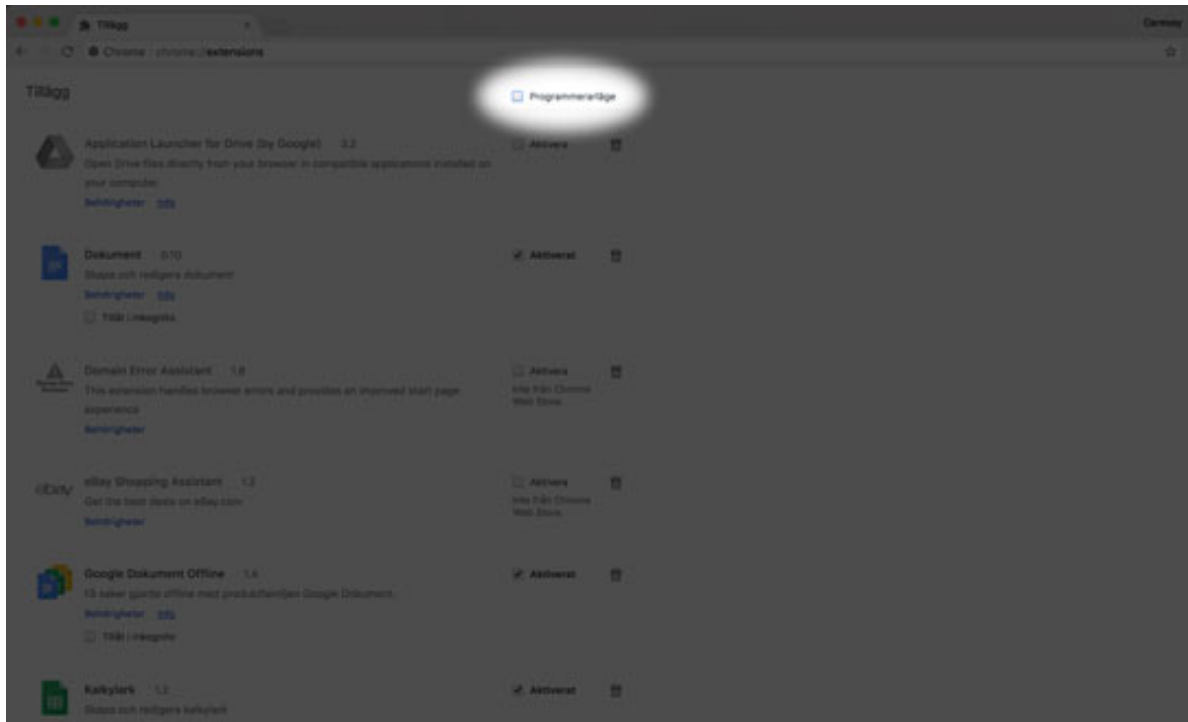Then, to build the extension:

```
npm run build
```

or

```
yarn run build
```

Open the API key file at **/src/helpers/apikey.js** and replace the OpenWeatherMap API key and Google Geocoding API key with your own.
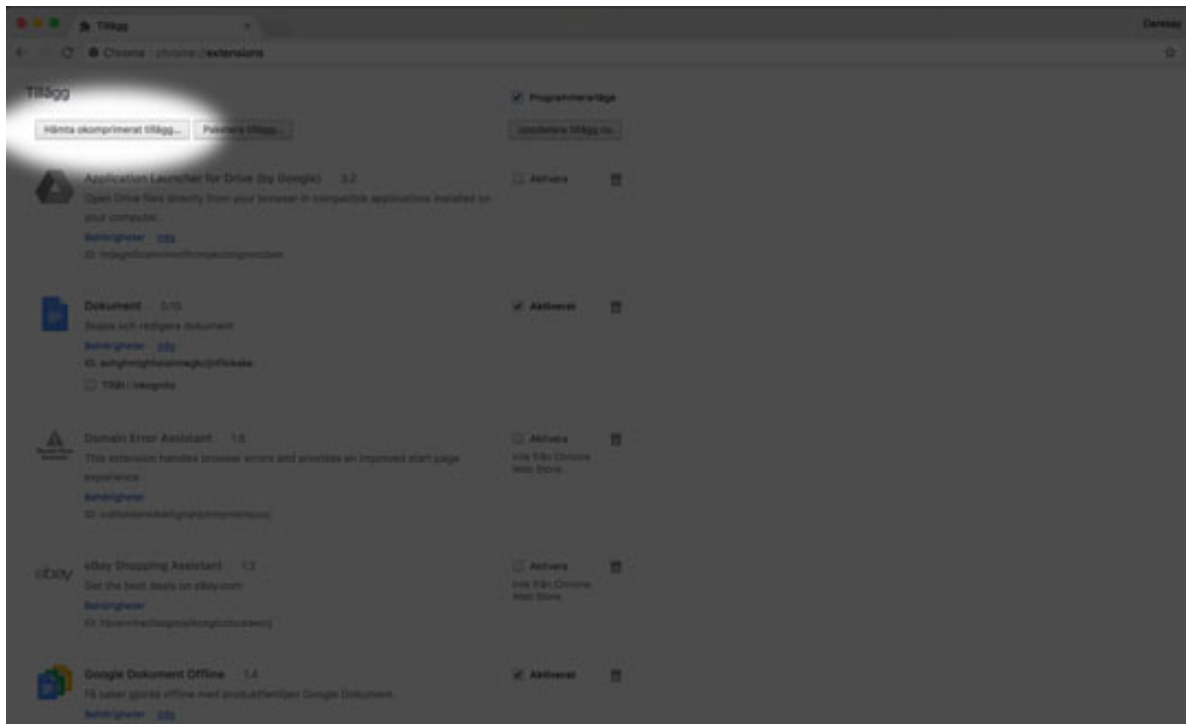
```
const WEATHER_KEY = 'OpenWeatherMap API Key';
const GEOCODE_KEY = 'Google Maps Geocode API Key';

module.exports = { WEATHER_KEY, GEOCODE_KEY };
```

How to install an unpackaged extension

1. To install a Google Chrome Extension using the bundled files, open Google Chrome and type **chrome://extensions** on the address bar.

2. This will show all currently installed extensions. Above of the list on the right hand side, tick the box marked "Developer mode" ("Programmerarläge").
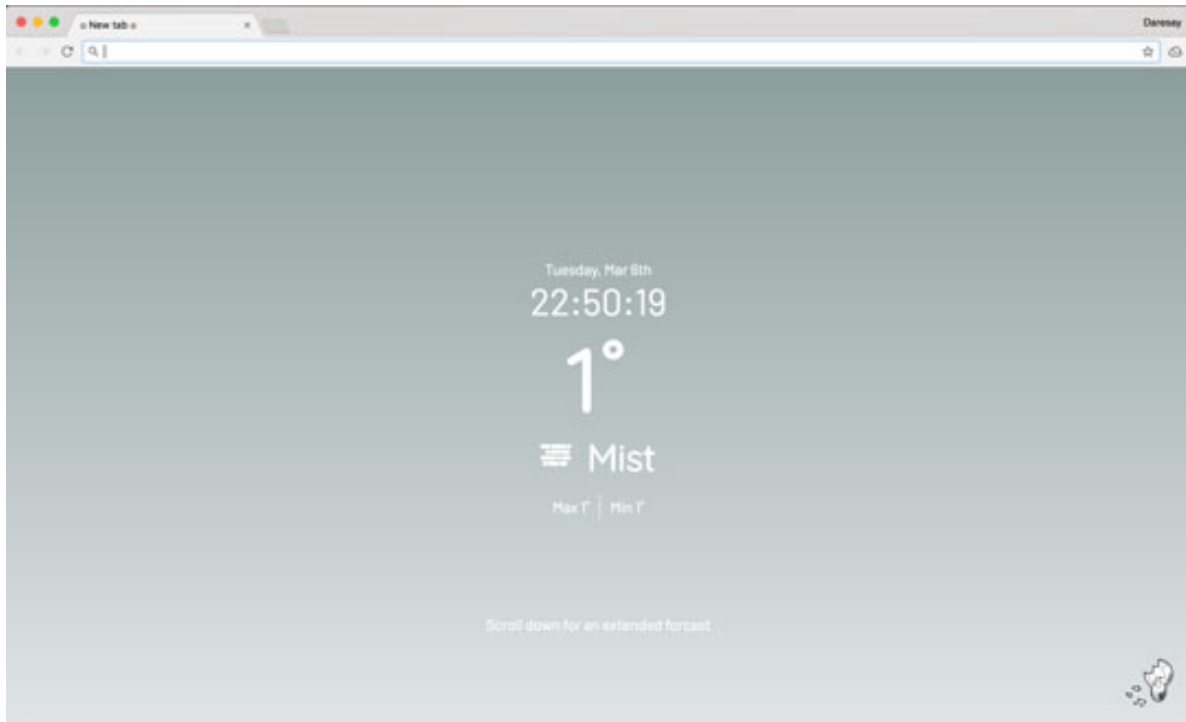
3. Click on the button marked "Load unpacked extension..." ("Hämta okomprimerad tillägg").

4. Select the build file, **/dist** . The extension is now ready to use.

Using Weatherwise

Weatherwise has two basic components. The first one is a New Tab module, which replaces the default Google Chrome new tab page with a page displaying the current weather in the user location. Scroll down to bring up a breakdown of the weather for the coming 24 hours. Then scroll to the right to bring up a forecast of the coming week.

The second one is a weather look-up tool. Highlight a geographic location on any website and right-click on it to bring up the contextual menu. Click on the "Search on Weahterwise" to get an overview of the current weather in that location.