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Version: 4.x

Debugging

#Debug client side code

Run the following command and open devtools on your browser.

Copy

yoshi start

You can run the following command in case you want to debug your production bundle:

Copy

yoshi start --production

#Debug server side code

Run the following command and yoshi will run your development app server with a [node inspector](#)

Copy

```
yoshi start --debug
```

Using the following command the server process won't start until a debugger will be attached.

Copy

```
yoshi start --debug-brk
```

Make sure to configure one of the [inspector clients](#) and you'll debug in no time.

You can configure the default inspector port by: `--debug=XXXX / --debug-brk=XXXX` (default: 9229)

#Debug tests code

Same as for `yoshi start` but for the test runner (`jest/mocha`) instead of the app server process.

Copy

```
yoshi test --debug
```

or

Copy

```
yoshi test --debug-brk
```

Make sure to configure one of the [inspector clients](#) and you'll debug in no time.

You can configure the default inspector port by: `--debug=XXXX / --debug-brk=XXXX` (default: 9229)

#Debugging Puppeteer E2E tests

Set `devtools: true` in `jest-yoshi.config`

#Watch mode

- Run `yoshi test --watch` to run in watch mode
- Press `d` in the watch menu to activate debug mode

You don't need to configure `devtools: true` in this mode

#Add breakpoint in the browser from your test

- In order to add a breakpoint that stops in the browser, add `await debugBrowser();` to your test.

#Debug Yoshi's code

We're using the [debug](#) package to output verbose logs that would help to debug yoshi internal processes.

Use `DEBUG=yoshi:*` before running a command to opt into the verbose debugging mode.


Copy

```
DEBUG=yoshi:* yoshi build
```


#Inspector clients

In order to debug, you need to attach node's inspector to one of the [Inspector Clients](#). Here are guides for the populer clients in Wix:

#Chrome DevTools 55+

- **Option 1:** Open `chrome://inspect` in a Chromium-based browser. Click the Configure button and ensure your target host and port are listed.
- **Option 2 -  Recommended:** Install the Chrome Extension NIM (Node Inspector Manager): <https://chrome.google.com/webstore/detail/nim-node-inspector-manage/gnhhdgbaldcilmgcpfddgdbkhjohddkj>

#Visual Studio Code 1.10+

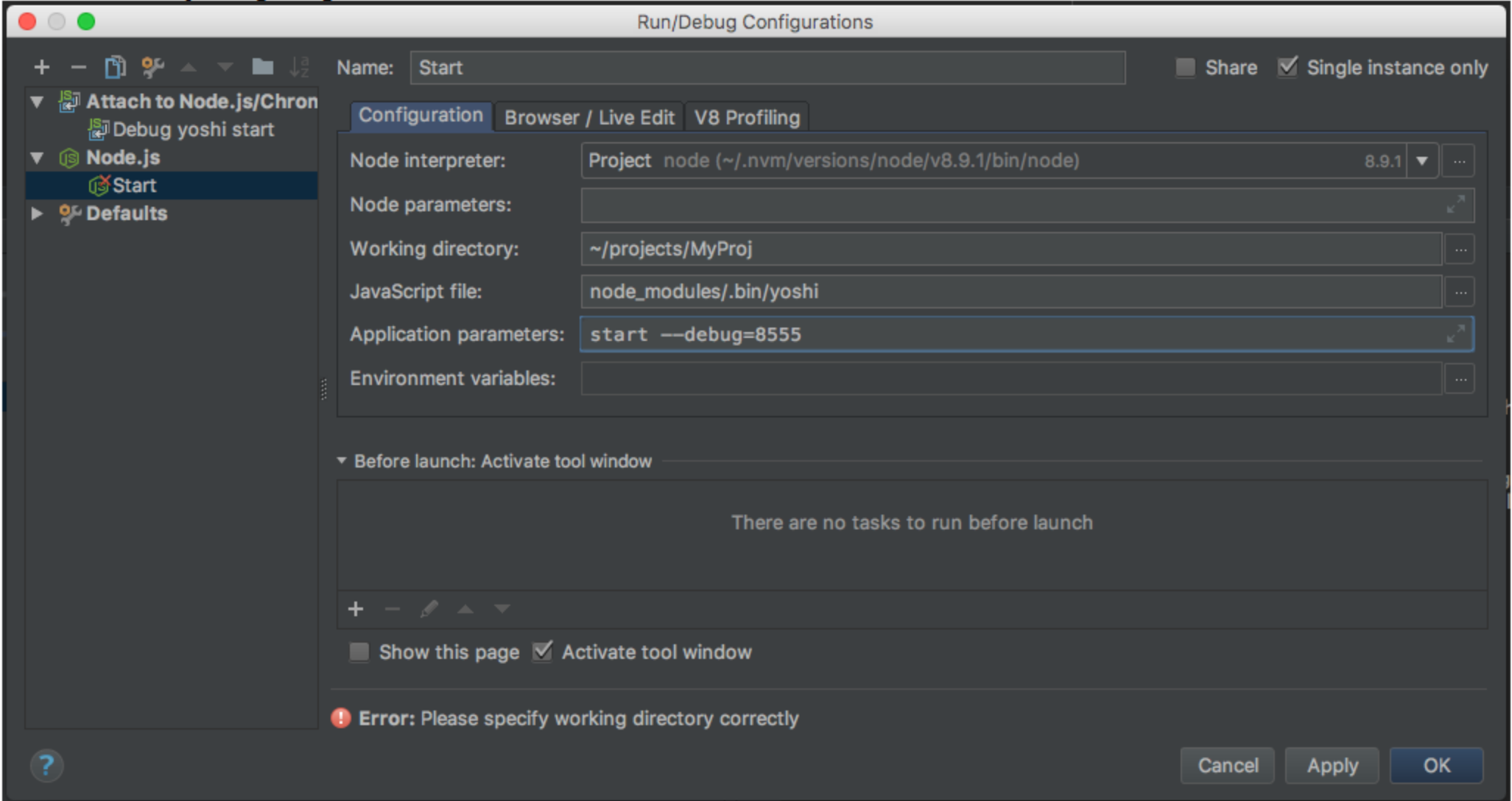
- In the Debug panel, click the settings icon to open `.vscode/launch.json`. Select "Node.js" for initial setup.
-  You must tell vscode the target debugging port, otherwise vscode will try to debug Yoshi's main process in random generated port, so add "port" : 9229 (or the port you choose)
- Example launch.json -

Copy

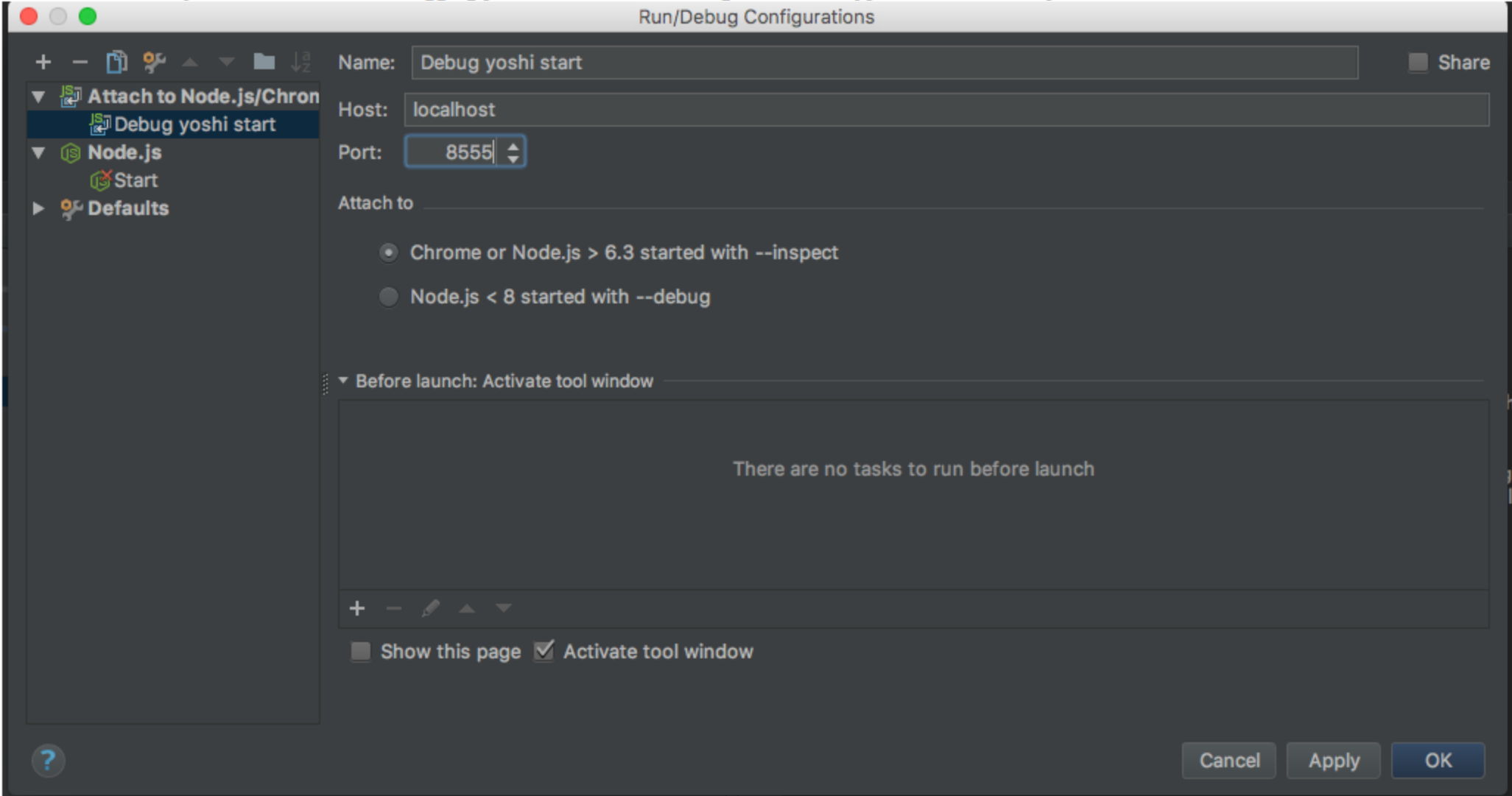
```
{
  "name": "Run Tests",
  "type": "node",
  "request": "launch",
  "args": ["test", "--debug-brk"],
  "port": 9229,
  "program": "${workspaceFolder}/node_modules/.bin/yoshi"
}
```

#JetBrains WebStorm 2017.1+ and other JetBrains IDEs


- Create a new Node.js debug configuration



- In order to manually tell WebStorm the debugging port, create another configuration, use type 'Attach to Node.js/Chrome'



- Press debug in order to start the remote debugger configuration then start (without debugging) the 'Node.js' configuration

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*Last updated on 6/15/2020 by **Ran Yitzhaki***

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