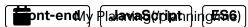


Ox00. Webpack



🏚 Weight: 1

Projects(/projects/current)

An auto Op Air Reviel has a local method keel / deportient ions/to review)



Resources eers)

Read or watch:



- Discord(https://discord.com/app)
 Webpack documentation (/rltoken/XEFTUAcZ_9sKurp1Bui7ug)
- Webpack beginner guide (/rltoken/6ngQzrV7xeKJjcRwdmrYAQ)
- npm-package.json (/rltoken/P00rJM5qCeaf33hsPuhgog)





earning Objectives

At the end of this project, you are expected to be able to explain to anyone (/ritoken/ME_HaE8ycyyO7RaAoOyclw), without the help of Google.



- Howythe getup Webpack for a basic project
- Entry points, output, and loaders
- How to add plugins



- Howwytelaphtnyg(uplandienigntnet)hunks
- How to setup a dev server

Requirements



- All of your code will be executed on Ubuntu 18.04 LTS using Node 12.x.x QA Reviews I can make(/corrections/to_review)
 Allowed editors: vi , vim , emacs , Visual Studio Code
- All of your files should end with a new line
- A Evanuation of the spatial states and the complete and t

Curriculums(/dashboards/my_curriculums)



mandatory

Create and run Webpack using a basic installation. Conference rooms(/dashboards/video_rooms)

- Create a folder named task_0.
- Install webpack and webpack-cli as developer dependencies within the folder using npm.
- Servers(/servers) Install jQuery as a regular dependency using npm.
- Make sure that webpack and webpack-cli are listed under the devDependencies key along with j surroubeis puisted und sinte dependencies key within the package.json
- Create a src directory with a index.js in it.



The file should import jquery and add three different paragraphs to the page body: (refer to this link(P) Supplies the Republish of the Republish Republish (Republish Republish Republi

Holberton Dashboard

Video on demand(/dashboards/videos)

Dashboard data for the students

Copyright - Holberton School

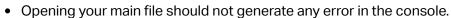


Peers(/users/peers)

- Create a dist/index.html.Import your main.js in the body.
- You must use jQuery to add the elements to the body of the page.



- Whis card hittps: #discord your/gardscript and html files should be generated in a dist folder.
- You should not use a custom webpack config file.



- Your html code should only import one Javascript script (the one generated by webpack).
- Do NOT push your dist/main.js if you have one. My Profile(/users/my_profile)

<u>R</u>epo:

f/) GitHub repository: alx-react

Directory: 0x00-Webpack



File: task_0/package.json, task_0/src/index.js, task_0/dist/index.html



Check submission

My Planning(/planning/me)

1. Learning how to use Webpack with a config file

mandatory



Projects(/projects/current)

Installing packages



- Create of plants of the control of
 - Install webpack (dev dependency), jQuery (dependency), and Lodash (dependency) within the folder using npm.
- MEdial เล่าสาย สินเราะสาย สินเราะสาย เล่าสาย เล่าสาย เล่าสาย สินเราะสาย สินเราะสาย คราย เล่าสาย เล่ build. This lets you execute npm run build on the command line.

Using jQuery



Createioulymal/desbloomthanywastripulylanamed dashboard_main.js in it. The file should import jquery and add the below elements in the following order:



- Paragraph element: Holberton Dashboard
 Concepts(/concepts)
 Paragraph element: Dashboard data for the students
 - Button element with the text Click here to get started



Confederage around destroom to be risk for the punt '>

• Add another paragraph: Copyright - Holberton School

revent spammers rvers)

Write a function called updateCounter() that tracks the number of times the button element has



been clicked.
Sandboxes(/user_containers/current)
Each time it's called, update the count by 1 and set the content of the paragraph element with id='count' to {count} clicks on the button



Bind the debounce function in Lodash to the click event on the button you created previously.

Requirements:



- **Ⅲ** Whyenerunning Wardhards your jayaserepts hould be generated in a public folder. You should also place your index.html in this folder.
 - The javascript file generated by Webpack should be named_bundle.js
 - Set Webpack config mode to production



- Opening/your http://file should not generate any error in the console
- Your html code should only import one Javascript script (the one generated by webpack)

Resources: Discord(https://discord.com/app)

Debounce documentation on Lodash (/rltoken/fuAiFYn08OQLb7SM8cYdYA)



Repo:

- Githly brome fitseys / hly profile)
- Directory: 0x00-Webpack

 File: task_1/js/dashboard_main.js, task_1/package.json, task_1/webpack.config.js, task_1/public/index.html

(/)

Check submission Home(/)

2. Adding CSS & Images

mandatory



My Planning(/planning/me)

Create a specific configuration for Webpack.



- Using the folder named task_ Projects(/projects/current) Reuse the code from task_1.
- Modify the webpack config to support adding CSS to the bundle.
- - Modified he we be an knowling for every edding impges to the CSS.
 - Create a folder named css
 - In a file named main.css, change the position of the counter text to be displayed on the right of the valuation_quizzes (/dashboards/my_current_evaluation_quizzes)
 - Add an element at the top of document with the id #logo which has a width of 200px and height of 200px.



- Set the background of th element with the image in task_2/assets/holberton-logo.jpg (you webstack/581/holberton-logo.jpg)).
- Set the width and height of the logo background image to 200px by 200px. Make sure to configure Webpack to optimize images.
 - When running Webpack, your javascript and html files should be generated in a public folder.
- The jayascript file generated by Webpack should be named bundle.js. Conference rooms(/dashboards/video rooms)
- Set Webpack config mode to production.
- Opening your main file should not generate any error in the console.
- Yoge html րջվել բիցսև only import one Javascript script (the one generated by webpack).
 - When running Webpack, you should not see the warning WARNING in asset size limit: The following asset(s) exceed the recommended size limit Sandboxes(/user_containers/current)





Tools(/dashboards/my_tools)

- GitHub repository: alx-react
- Directory: 0x00-Webpack



Filt ideas & n 2/enaahat/elajshon artas & kid2/oss) s/main.css, task_2/webpack.config.js, task_2/js/dashboard_main.js, task_2/public/index.html





Discord(https://discord.com/app)

3. Dev servers, modules, and tree shaking



Using the folder named_task_3 . Set up a development server:

- Reusetheneodeeremytaskfile)
- Modify the Webpack config to setup a development server running on the port 8564.

- Modify the Webpack config to set its mode to development.
- Add a script in the package.json to start the server and open the browser with npm run start-(/) dev .

Divide the code into modules:



- Home(/) Divide the main bundle into three modules.
- header should contain a header.css and header.js files.
- Importioners இறு add the logo and the H1 title to the header.js file (with content Holberton Dashboard). Add a console log printing Init header.
- Add the needed style to the header.css file.



- booligiests (lare is not should be seen and body. is files.
- Import jQuery, Lodash and add the body code (button, counter) in the body.js file.

- Add the needed style to the body.css file. QA Reviews I can make(/corrections/to_review) footer should contain a footer.css and footer.js files.
- Import jQuery, and append a paragraph the copyright text Copyright Holberton School.
- Adevaheanieendendzzteyse/dasheofords/mycsarfeint evaluation quizzes)
 - Modify the Webpack configuration to support three different entry points (header , body , footer). Each entry point should generate a filename with the following format name_of_the_file.bundle.js.



- **№ D&NOTENEWES**/dashogards/myc_cultriculurgs) ushed to your repository.
 - Add a plugin to Webpack to automatically create an index.html HTML file

mprove Chevelops (nembers)

- Modify the webpack config to support inline source mapping.
- Check that the console log in the header is now takes you to your javascript file instead of the Conference rooms (dashboards / video_rooms) main bundle.
- Add a plugin to Webpack to clean your build folder on each build.

Thprove bundies size (servers)

 You can see that the current modules generated with npm run build are quite large. They all containing Oxees (varied/ordinates in share) we will be a configuration to split the modules in chunks.

Requirements:



- When the the war of the war of the work of the work
- When running Webpack, your javascript and html files should be generated in a public folder.
- 用
- Opening your main file should not generate any error in the console. Video on demand(/dashboards/videos)

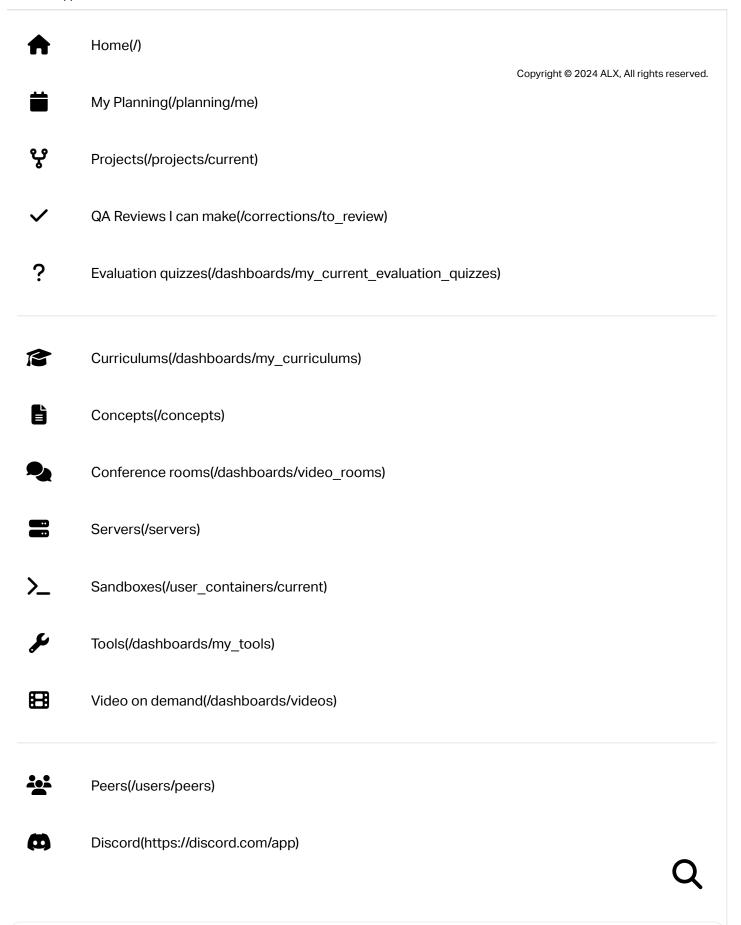
Repo:



- GitHub repository: alx-react Peers(/users/peers)
 - Directory: 0x00-Webpack
 - File: task_3/modules/body/body.css, task_3/modules/body/body.js,
- $\mathbf{\omega}$
- tals/scandolottipss//discoved.com/tapp)css, task_3/modules/footer/footer.js, task_3/modules/header/header.css, task_3/modules/header/header.js, task_3/package.json, task_3/webpack.config.js

Check submission My Profile(/users/my_profile)





My Profile(/users/my_profile)