

Vine Web Coding Challenge



Thank you for starting the interview process with Vine! We really appreciate the time you're taking, and we ask that you complete this coding challenge as the first part of the process. We hope that this will let you show us your skills more broadly and accurately.

For submissions that pass the team's review, your recruiting contact will be in touch with you to arrange the on-site interview at Vine. When onsite, we'll talk through your solution, walk through your resume, and complete a general computer science interview.

Finally, have some fun with this exercise! Don't just answer the question - take this opportunity to make the solution your own and impress us with your skills. We expect a functional solution, but it doesn't have to be perfect. Expect to spend up to 5 hours and focus first on making solid progress towards the goal instead of worrying about edge-case handling or a perfectly polished UI.

The Challenge

Your project is a new Issues viewer for Github.

You'll retrieve issues using the Github API. The trial project for this viewer is the npm project on Github, with an issues API located here: <https://api.github.com/repos/npm/npm/issues>

The API documentation is at: <http://developer.github.com/v3/issues/>

The requirements for the viewer are below. Please deliver your solution as a zip file via email, containing:

- Your un-minified code
 - Any static assets
 - A complete README summarizing your project and explaining how to run your app.
- Consider including any additional information you feel would be helpful to the reviewers (e.g. your overall approach, project scoping, etc.)

Default Page

The default page should display a list of the first page of issues. It should be possible to navigate between pages. The project typically has hundreds of open issues, and your app should be able to page through all of them.

On the default page issues should be displayed one at a time, with styling for:

- Issue number and title
- Labels
- Reporter's user name and avatar
- The first 140 characters of the body (ending on a clean line or word)

Issue Details Page

Clicking on an individual issue from the default page will take you to a new page that has the issue details. Individual issue pages should be stylized for:

- Issue title and state
- Labels
- Reporter's user name and avatar
- The complete summary

If there are comments on an issue, please fetch them and display them underneath the issue.

In GitHub issues and comments, users are often mentioned with @-notation, e.g. @name. When displaying these, please make the @name a link to the user's GitHub page.

Engineering

Please impress us with your very best software engineering skills. Your solution should reflect the practices you consider part of writing quality code (i.e. control flow, scoping, clarity, etc.). Choose the best tools for the job! Leverage JavaScript frameworks and HTML/CSS preprocessors as appropriate for your solution.

Styling

HTML and CSS are up to you, but good design runs deep at Vine. While you may use a 3rd party framework as a foundation, we would like to see something that shows off your style.

Thanks!