Exploring the dependencies of a repository

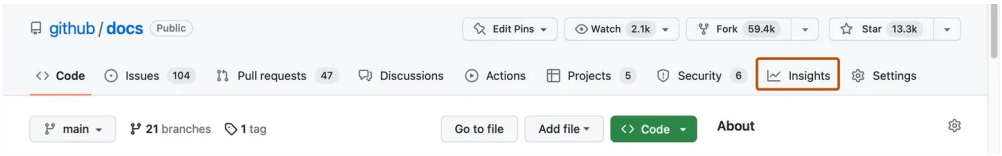
In this article

You can use the dependency graph to see the packages your project depends on. In addition, you can see any vulnerabilities detected in its dependencies.

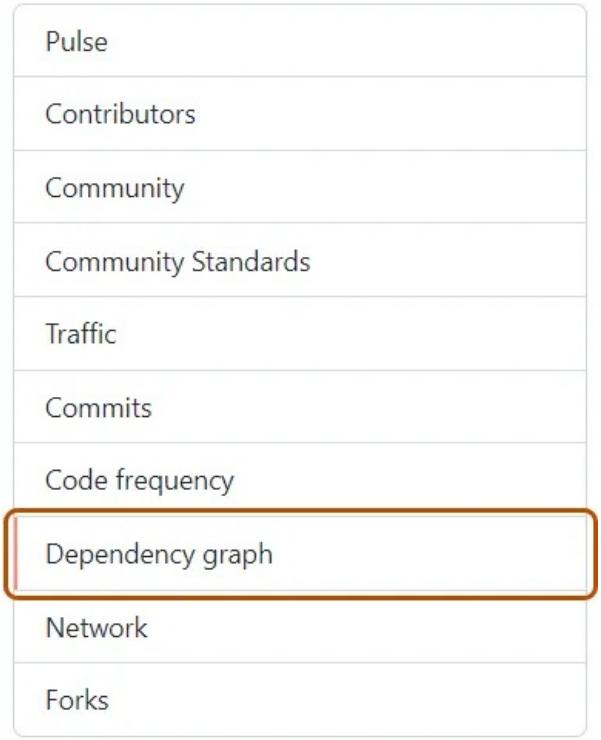
Viewing the dependency graph

The dependency graph shows the dependencies of your repository. For information about the detection of dependencies and which ecosystems are supported, see "About the dependency graph."

1. On your GitHub Enterprise Server instance, navigate to the main page of the repository.
2. Under your repository name, click **Insights**.



3. In the left sidebar, click **Dependency graph**.



Enterprise owners can configure the dependency graph at an enterprise level. For more information, see "Enabling the dependency graph for your enterprise."

Dependencies view

Any direct and indirect dependencies that are specified in the repository's manifest or lock files are listed.

Dependencies submitted to a project using the Dependency submission API (beta), although also grouped by ecosystem, are shown separately from dependencies identified through manifest or lock files in the repository. These submitted dependencies appear in the dependency graph as "Snapshot dependencies" because they are submitted as a snapshot, or set, of dependencies. For more information on using the dependency submission API, see "Using the Dependency submission API."

If vulnerabilities have been detected in the repository, these are shown at the top of the view for users with access to Dependabot alerts.

> **Note:** GitHub Enterprise Server does not populate the **Dependents** view.

Troubleshooting the dependency graph

If your dependency graph is empty, there may be a problem with the file containing your dependencies. Check the file to ensure that it's correctly formatted for the file type.

If a manifest or lock file is not processed, its dependencies are omitted from the dependency graph and they can't be checked for insecure dependencies.

Further reading

- "About the dependency graph"
- "Viewing and updating Dependabot alerts"