

Browsing security advisories in the GitHub Advisory Database

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You can browse the GitHub Advisory Database to find advisories for security risks in open source projects that are hosted on GitHub.

Accessing an advisory in the GitHub Advisory Database [↗](#)

You can access any advisory in the GitHub Advisory Database.

- 1 Navigate to <https://github.com/advisories>.
- 2 Optionally, to filter the list of advisories, use the search field or the drop-down menus at the top of the list.

Note: You can use the sidebar on the left to explore GitHub-reviewed and unreviewed advisories separately, or to filter by ecosystem.

- 3 Click an advisory to view details. By default, you will see GitHub-reviewed advisories for security vulnerabilities. To show malware advisories, use `type:malware` in the search bar.

The database is also accessible using the GraphQL API. By default, queries will return GitHub-reviewed advisories for security vulnerabilities unless you specify `type:malware`. For more information, see the "[Webhook events and payloads](#)."

Additionally, you can access the GitHub Advisory Database using the REST API. For more information, see "[Global security advisories](#)" in the REST API documentation.

Editing an advisory in the GitHub Advisory Database [↗](#)

You can suggest improvements to any advisory in the GitHub Advisory Database. For more information, see "[Editing security advisories in the GitHub Advisory Database](#)."

Searching the GitHub Advisory Database [↗](#)

You can search the database, and use qualifiers to narrow your search. For example, you can search for advisories created on a certain date, in a specific ecosystem, or in a particular library.

Date formatting must follow the [ISO8601](#) standard, which is `YYYY-MM-DD` (year-month-day). You can also add optional time information `THH:MM:SS+00:00` after the date, to search by the hour, minute, and second. That's `T`, followed by `HH:MM:SS` (hour-minutes-seconds), and a UTC offset (`+00:00`).

When you search for a date, you can use greater than, less than, and range qualifiers to further filter results. For more information, see "[Understanding the search syntax](#)."

Qualifier	Example
<code>type:reviewed</code>	type:reviewed will show GitHub-reviewed advisories for security vulnerabilities.
<code>type:malware</code>	type:malware will show GitHub-reviewed advisories for malware.
<code>type:unreviewed</code>	type:unreviewed will show unreviewed advisories.
<code>GHSA-ID</code>	GHSA-49wp-qq6x-g2rf will show the advisory with this GitHub Advisory Database ID.
<code>CVE-ID</code>	CVE-2020-28482 will show the advisory with this CVE ID number.
<code>ecosystem:ECOSYSTEM</code>	ecosystem:npm will show only advisories affecting npm packages.
<code>severity:LEVEL</code>	severity:high will show only advisories with a high severity level.
<code>affects:LIBRARY</code>	affects:lodash will show only advisories affecting the lodash library.
<code>cwe:ID</code>	cwe:352 will show only advisories with this CWE number.
<code>credit:USERNAME</code>	credit:octocat will show only advisories credited to the "octocat" user account.
<code>sort:created-asc</code>	sort:created-asc will sort by the oldest advisories first.
<code>sort:created-desc</code>	sort:created-desc will sort by the newest advisories first.
<code>sort:updated-asc</code>	sort:updated-asc will sort by the least recently updated first.
<code>sort:updated-desc</code>	sort:updated-desc will sort by the most recently updated first.
<code>is:withdrawn</code>	is:withdrawn will show only advisories that have been withdrawn.
<code>created:YYYY-MM-DD</code>	created:2021-01-13 will show only advisories created on this date.
<code>updated:YYYY-MM-DD</code>	updated:2021-01-13 will show only advisories

A **GHSA-ID** qualifier is a unique ID that we at GitHub automatically assign to every advisory in the GitHub Advisory Database. For more information about these identifiers, see "[About the GitHub Advisory Database](#)."

Viewing your vulnerable repositories [↗](#)

For any GitHub-reviewed advisory in the GitHub Advisory Database, you can see which of your repositories are affected by that security vulnerability or malware. To see a vulnerable repository, you must have access to Dependabot alerts for that repository. For more information, see "[About Dependabot alerts](#)."


- 1 Navigate to <https://github.com/advisories>.
- 2 Click an advisory.
- 3 At the top of the advisory page, click **Dependabot alerts**.

Eta vulnerable to Code Injection via templates rendered with user-defined data

High severity GitHub Reviewed Published last week to the GitHub Advisory Database • Updated 17 hours ago

Vulnerability details

Dependabot alerts 7

Package	Affected versions	Patched versions
 eta (npm)	< 2.0.0	2.0.0

- 4 Optionally, to filter the list, use the search bar or the drop-down menus. The "Organization" drop-down menu allows you to filter the Dependabot alerts per owner (organization or user).
- 5 For more details about the advisory, and for advice on how to fix the vulnerable repository, click the repository name.

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