

GitHub



Community Call

March 23rd, 2022





General notes?

- **Call for content & Request topics**

(I'll search for speakers or prepare something)

<https://github.com/GitHubStuttgart/MeetupContent/issues/1>

- Call for sponsors (locations, pizza)

<https://github.com/GitHubStuttgart/MeetupContent/issues/2>



Whats gone? (<https://github.blog/changelog>)

- Diffing Photoshop (.psd) documents is no longer supported
- npm Public Roadmap deprecated
- npm accounts login verification (2FA or OTP with email)
- Removed unencrypted Git protocol and certain SSH keys
 - Removed all support for DSA keys
 - Required SHA-2 signatures on all RSA keys uploaded after November 2, 2021 (RSA keys uploaded prior to the cutoff may still use SHA-1 signatures)
 - Removed legacy SSH algorithms HMAC-SHA-1 and CBC ciphers
 - Permanently disabled the unencrypted Git protocol



Whats new in GitHub? (<https://github.blog/changelog>)

- Enable OAuth Device Authentication Flow for Apps (OAuth Device Authorization flow API endpoints will return a 400)
- GitHub Enterprise Server 3.4 is now generally available
- Paused: Sunset of Deprecated Teams API Endpoints
- GHAS customers can now view secret scanning alerts of their public repositories
- Dormant user (90 days) reports for GHEC (Beta)
- Enterprise Owners Can Remove Members + Assume Org Ownership
- Manage Billing Emails in Enterprise Accounts



Whats new in GitHub? (<https://github.blog/changelog>)

- GitHub Actions: Restrict runner groups to specific workflows:
 - Examples:
 - org/repo/.github/workflows/build.yml
 - org/repo/.github/workflows/build.yml@v2
 - org/repo/.github/workflows/deploy.yml@d6dc6...
 - org/repo/.github/workflows/test.yml@main.



Whats new in GitHub? (<https://github.blog/changelog>)

- GitHub Actions: Re-run only failed or individual jobs

wulfland / AccelerateDevOps Public

Code Issues 31 Pull requests 51 Discussions

✓ Staged Deployment Staged Deployment #13

Summary

Jobs

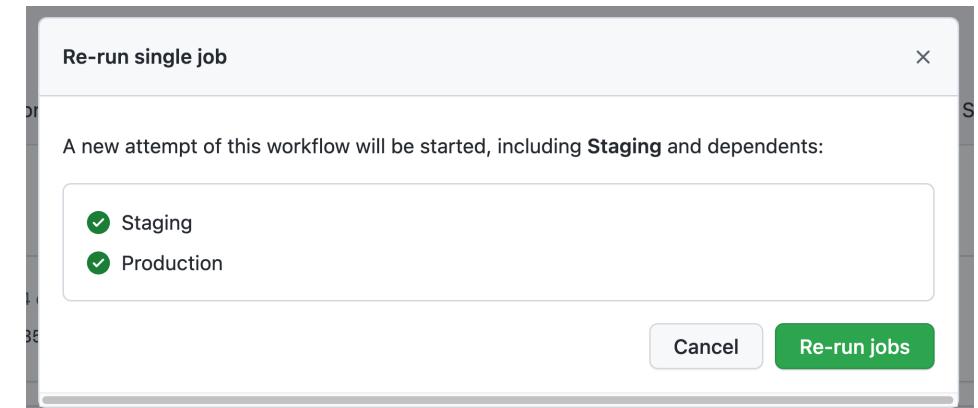
- ✓ Build
- ✓ Test
- ✓ Load-Test
- ✓ Staging
- ✓ Production

Manually triggered 14 days ago
wulfland -o 3f35d26

StagedDeployment.yml
on: workflow_dispatch

Build

Re-run this job





Whats new in GitHub? (<https://github.blog/changelog>)

- GitHub Actions: View cache usage

<https://docs.github.com/en/rest/reference/actions#cache>

Code samples

Shell

```
curl \
-H "Accept: application/vnd.github.v3+json" \
https://api.github.com/enterprises/ENTERPRISE/actions/cache/usage
```

Shell

```
curl \
-H "Accept: application/vnd.github.v3+json" \
https://api.github.com/orgs/ORG/actions/cache/usage-by-repository
```

Response

Status: 200 OK

```
{
  "total_active_caches_size_in_bytes": 3344284,
  "total_active_caches_count": 5
}
```

Response

Status: 200 OK

```
{
  "total_count": 2,
  "repository_cache_usages": [
    {
      "full_name": "octo-org>Hello-World",
      "active_caches_size_in_bytes": 2322142,
      "active_caches_count": 3
    },
    {
      "full_name": "octo-org>server",
      "active_caches_size_in_bytes": 1022142,
      "active_caches_count": 2
    }
  ]
}
```



Whats new in GitHub? (<https://github.blog/changelog>)

- Affected branches in code scanning alert page:

Uncontrolled data used in path expression

[Open](#) in master 6 days ago

spec-main/security-warnings-spec.ts:34

```
31     const uri = url.parse(request.url!).pathname!;
32     let filename = path.join(__dirname, '..', 'spec', 'fixtures', 'pages', uri);
33
34     fs.stat(filename, (error, stats) => {
This path depends on a user-provided value.

CodeQL Show paths
35       if (error) {
36         response.writeHead(404, { 'Content-Type': 'text/plain' });
37         response.end();

```

Severity
High

Affected branches

master	!
octocat-patch-1	✓
dev-patch-1	!
release-2-1	!
test-branch-3	!

[View more](#)

Tool Rule ID Query
CodeQL js/path-injection View source

Accessing files using paths constructed from user-controlled data can allow an attacker to access unexpected resources. This can result in sensitive information being revealed or deleted, or an attacker being able to influence behavior by modifying unexpected files.

Show more ▾

Tags
security

Weaknesses
CWE-22
CWE-23
CWE-36



Whats new in GitHub? (<https://github.blog/changelog>)

- Markdown:
Mermaid, topoJSON, geoJSON, and ASCII STL Diagrams
- Now supported also as files
- Gists support mermaid diagrams

wulfland commented now

Geo location

The screenshot shows a GitHub comment from user 'wulfland'. The comment text is 'Geo location'. Below the text is a Mapbox map of the Marbella area in Spain. A callout box is overlaid on the map, containing the following information:

- name: Kitesurf Zone
- Conditions: Poniente, Levante
- Ratings: ★★★★★ (5 stars)

A blue location pin marker is placed on the map near the center of the city.

content type	supported extensions
mermaid	.mermaid, .mmd
geoJSON	.geojson, .json
topoJSON	.topojson, .json
STL	.stl



Whats new in GitHub? (<https://github.blog/changelog>)

- Pull Request File Tree (Beta)

The screenshot shows a GitHub pull request interface with the "Files changed" tab selected. At the top, there are tabs for Conversation (0), Commits (1), Checks (5), and Files changed (2). Below the tabs are filters for Changes from all commits, File filter, Conversations, and a gear icon for settings. A search bar labeled "Filter changed files" is present. The main area displays a file tree under "ch9_release/src/Tailwind.Traders.Web/ClientApp". Two files are shown: "package-lock.json" and "package.json". The "package.json" file has a "Load diff" button and a note about generated files. Below the file tree is a diff view for "package.json". The diff shows changes between two versions: @@ -12,7 +12,7 @@. Lines 12 and 13 remain the same. Line 14 changes "@babel/helper-regex": "^7.10.5" to "@babel/helper-regex": "^7.10.5". Line 15 is deleted with a minus sign and replaced with an addition sign: "@fluentui/react": "7.170.0" is deleted and "@fluentui/react": "8.62.1" is added. Lines 16, 17, and 18 remain the same.

```
@@ -12,7 +12,7 @@
12   12   "@azure/logger": "^1.0.2",
13   13 +  "@babel/helper-compilation-targets": "^7.13.16",
14   14   "@babel/helper-regex": "^7.10.5",
15   -  "@fluentui/react": "7.170.0",
15 +  "@fluentui/react": "8.62.1",
16   16   "@microsoft/applicationinsights-react-js": "^2.5.4",
17   17   "@microsoft/applicationinsights-web": "^2.6.2",
18   18   "axios": "^0.21.1",
....
```



Whats new in GitHub? (<https://github.blog/changelog>)

- The new GitHub Issues – March 10
 - Filter by project

The screenshot shows the GitHub Issues search interface. At the top, there is a search bar with the query `is:open is:issue project:wulfland/1`. To the right of the search bar are buttons for `Labels 20` and `Projects`. A red box highlights the `Projects` button. Below the search bar, there is a link to clear the current search query, filters, and sorts. Underneath, there are two filter sections: one for issues and one for projects. The project filter section has a dropdown menu titled "Filter by project" with a sub-menu for "Filter projects". The "User" tab is selected. A blue button labeled "My Project" is highlighted with a red box and a cursor icon, indicating it is being selected. A tooltip says "ProTip! Click a checkbox on the left to filter by repository or user".

`Filters ▾ Q is:open is:issue -project:wulfland/1`

Clear current search query, filters, and sorts

`Filters ▾ Q is:open is:issue no:project`

Clear current search query, filters, and sorts



Whats new in GitHub? (<https://github.blog/changelog>)

- The new GitHub Issues – March 10
 - Custom charts

Configure chart

X

Layout

Stacked area

Bar

Column

Line

✓ Stacked area

Stacked bar

Stacked column

Configure chart

X

Layout

Stacked bar

X-axis

Assignees

Group by (optional)

Labels

Y-axis

Sum of a field

Count of items

✓ Sum of a field

Average of a field

Minimum of a field

Maximum of a field



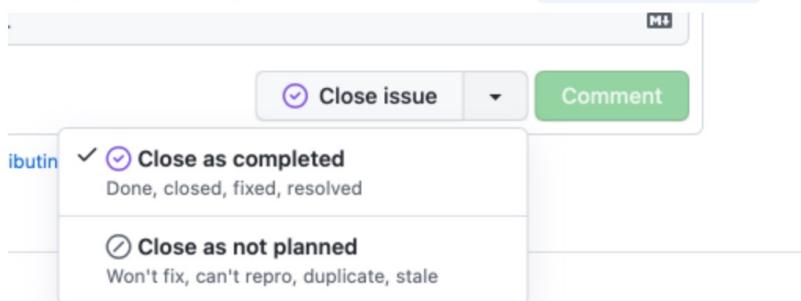


Whats new in GitHub? (<https://github.blog/changelog>)

- The new GitHub Issues – March 10
 - Issue closed reason

Today we are starting to roll out a preview of issue closed reasons to a small group of users.

- When closing an issue, you can opt to close as `complete` (default option) or `not-planned`.
- When filtering for issues, adding a reason will allow you to filter down to the specific set you need with either `reason:complete` OR `reason:"not planned"`.





Whats new in GitHub? (<https://github.blog/changelog>)

- **Protected Tags**

create: admin or maintain
delete: admin
+ custom roles

The screenshot shows the GitHub organization settings for 'wulfland / AccelerateDevOps'. The 'Protected tags' section is highlighted. A red box surrounds the 'Tags' link in the sidebar and the 'v*' entry in the rule list.

wulfland / AccelerateDevOps Public

Code Issues 31 Pull requests 51 Discussions Actions ...

General Access Collaborators Moderation options

Code and automation Branches Tags Actions Webhooks Environments Pages

Protected tags

Protected tags can only be created or deleted by users with enhanced permissions defined by your organization owners. [Learn more about protected tags](#).

1 rule

v* now



Whats new in GitHub? (<https://github.blog/changelog>)

- Reopen dismissed dependabot alerts

Security / Dependabot alerts / #74

Improper Certificate Validation in node-sass #74

Dismissed Opened last month on node-sass (npm) · ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json · wulfland dismissed now

Package	Affected versions	Patched version
node-sass (npm)	= 2.0.0, < 7.0.0	7.0.0

Certificate validation in node-sass 2.0.0 to 4.14.1 is disabled when requesting binaries even if the user is not specifying an alternative download path.

Severity
Moderate 5.3 / 10

CVSS base metrics	Network
Attack vector	Low
Attack complexity	None
Privileges required	None
User interaction	None
Scope	Unchanged
Confidentiality	None
Integrity	Low
Availability	None

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N



Whats new in GitHub? (<https://github.blog/changelog>)

- Sharing GitHub Actions within your enterprise is now GA
 - Store the action or workflow in an internal repository. For more information, see "[About repositories.](#)"
 - Configure the repository to allow access to workflows in other private and internal repositories. For more information, see "[Managing GitHub Actions settings for a repository.](#)"

Access

Control how this repository is used by GitHub Actions workflows in other repositories. [Learn more.](#)

Not accessible

Workflows in other repositories cannot access this repository.

Accessible from repositories in the 'octo-org' organization

Workflows in other repositories that are part of the 'octo-org' organization can access the actions and workflows in this repository. Access is allowed only from private or internal repositories.

Accessible from repositories in the 'Octo Corp.' enterprise

Workflows in other repositories that are part of the 'Octo Corp.' enterprise can access the actions and workflows in this repository. Access is allowed only from private or internal repositories.

[Save](#)



Whats new in GitHub? (<https://github.blog/changelog>)

- Create a branch from an issue

Demo #297

[Open](#)

Tracked in [#250](#)

wulfand opened this issue 6 days ago · 0 comments



wulfand commented 6 days ago

No description provided.

Owner



...

wulfand mentioned this issue 6 days ago

Haloo Basta Feature #250

4 tasks

[Open](#)

wulfand added this to the Backlog milestone 6 days ago



Write

Preview

H B I e < > i e & @ & ↵

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

[Close issue](#)

[Comment](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

[Edit](#) [New issue](#)

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

Backlog

Development

[Create a branch](#)

Create a branch for this issue or link a pull request.

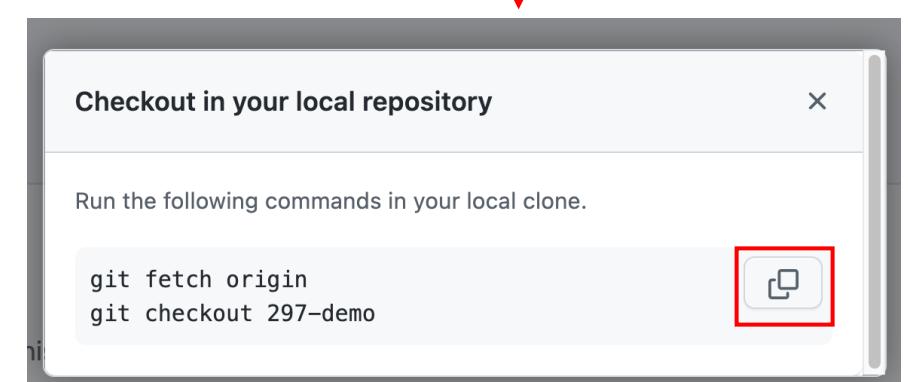
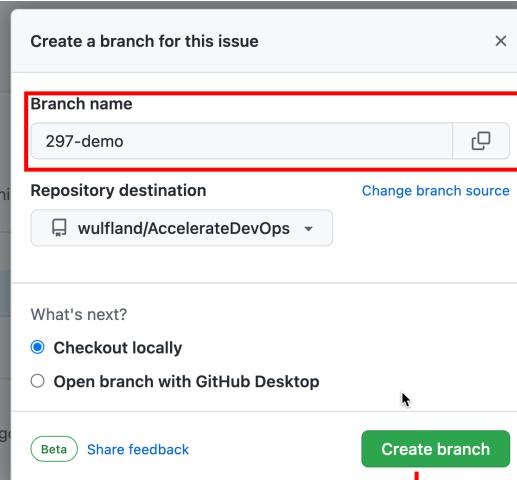
Notifications

Customize

[Unsubscribe](#)

You're receiving notifications because you authored the thread.

1 participant





Whats new in GitHub? (<https://github.blog/changelog>)

- Security overview for enterprise (beta)

<https://docs.github.com/en/code-security/security-overview/about-the-security-overview>

The screenshot shows the GitHub Security Overview page for the organization "Avocado Corp.". The sidebar on the left has a red border around the "Security" section, which is currently selected. The main content area displays a table of 25 repositories, each with its name, visibility level (e.g., Internal, Public), last update time, security rating (e.g., Unknown, Clear, Medium, Low, High), and various metrics like vulnerabilities and secrets.

Repository	Visibility	Last Updated	Rating	Vulnerabilities	Secrets
codeql-dca-worker	Internal	2 minutes ago	Unknown	0	0
qc-run2	Public	2 hours ago	Clear	0	✓
foreldrepengesoknad	Public	2 hours ago	Medium	46	✓
aegir	Public	Updated 3 hours ago	Low	6	✓
dependabot-pr-actions-test	Internal	5 hours ago	High	0	16
codeql-cli-nightlies	Public	9 hours ago	Clear	×	✓
mongo-express	Public	12 hours ago	High	44	✓
graylog2-server	Public	13 hours ago	High	185	✓



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Repository	Visibility	Last Updated	Rating	Vulnerabilities	Secrets
codeql-dca-worker	Internal	2 minutes ago	Unknown	0	0
qc-run2	Public	2 hours ago	Clear	0	✓
foreldrepengesoknad	Public	2 hours ago	Medium	46	✓
aegir	Public	Updated 3 hours ago	Low	6	✓
dependabot-pr-actions-test	Internal	5 hours ago	High	0	16
codeql-cli-nightlies	Public	9 hours ago	Clear	×	✓
mongo-express	Public	12 hours ago	High	44	✓
graylog2-server	Public	13 hours ago	High	185	✓



Whats new in GitHub? (<https://github.blog/changelog>)

- Discussion Answer Previews

Lore ipsum #303

Answered by **wulfland** wulfland asked this question in Q&A



wulfland 1 minute ago

Maintainer

...

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

1

Answered by **wulfland** 17 seconds ago

Answered by **wulfland** 17 seconds ago
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

[View full answer](#)

4 suggested answers · 3 replies



Whats new in GitHub? (<https://github.blog/changelog>)

- ## Code Scanning

Language Support

Today, CodeQL already [supports](#) JavaScript/TypeScript, Python, Ruby, Java, C#, Go, and C/C++. These languages are themselves under constant development, and we now support the following language versions:

- C# 10 / .NET 6,
- Python 3.10,
- Java 17, and
- TypeScript 4.5

The standard language features in those language releases are now fully supported by CodeQL.

Performance and Compatibility

For our Linux users, we have fixed an issue that caused the CodeQL CLI to be incompatible with systems running glibc version 2.34 and older.

For users of the [CodeQL Apple Silicon support \(beta\)](#), we are now bundling a native Java runtime for improved performance. Rosetta 2 and macOS Developer Tools are still required for other CodeQL components.



Whats new in GitHub? (<https://github.blog/changelog>)

- Codespaces prebuilds (public beta)
 - <https://docs.github.com/en/codespaces/prebuilding-your-codespaces/about-codespaces-prebuilds>

