# GitHub

MEETUP STUTTGART

Community Call

May 4th, 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?

- Code scanning: deprecation of CodeQL Action v1 (December 2022, use dependabot to upgrade)

- Git.io deprecation (readonly)

- CodeQL runner is now deprecated (CodeQL CLI)

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

- Increased file size limit (REST API 1MB-100MB .raw)

- Improved focus indicators for keyboard navigation

- Markdown previews automatically scroll to your edit location

- New colorblind themes

- Enterprise people pages (https://docs.github.com/en/enterprise-cloud@latest/admin/user-management/managing-users-in-your-enterprise/viewing-people-in-your-enterprise#viewing-dormant-users)

- When a new issue or pull request is created and not yet submitted, the assignees, reviewers, labels and projects will all be preserved upon page refresh

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

- Naming forks

- Tooltips for labels

- Introducing organization moderators
  - Block and unblock users from the organization
  - Manage organization interaction limits
  - Manage repository interaction limits
  - Minimize comments in public repositories owned by the organization

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

- Private profiles

## Contributions & Activity

☐ **Make profile private and hide activity** (Beta)
Enabling this will hide your contributions and activity from your GitHub profile and from social features like followers, stars, feeds, leaderboards and releases.

☑ **Include private contributions on my profile**
Get credit for all your work by showing the number of contributions to private repositories on your profile without any repository or organization information. Learn how we count contributions.
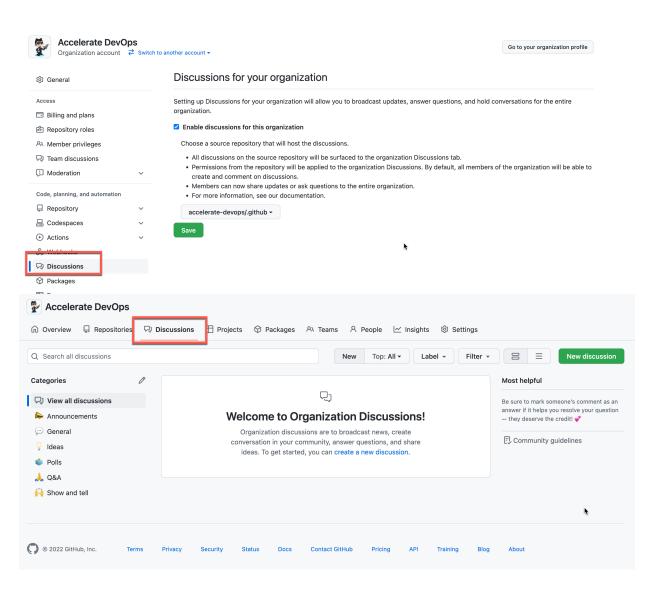
Update preferences

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

- **Discussions:**
  - Organization Discussions
  - Discussion polls

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

- Delete a branch with an open pull request

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

- **GitHub Actions:**
  - Prevent workflows from creating and approving pull requests
  - Simplify using secrets with reusable workflows (secrets: inherit)
  - macOS 12 in public beta
  - Job management hooks for self-hosted runners

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

- Branch protection: Required Deployments



☑ **Require deployments to succeed before merging**
Choose which environments must be successfully deployed to before branches can be merged into a branch that matches this rule.

| Deployment environments found in this repository | |
|---|---|
| ☐ production | |
| ☑ staging | Required |

# Codespaces

- Policies
- Multi-repo
- Schedule prebuild

**Constraints**

Add constraint ▾

🖥 Maximum idle timeout     240 minutes     ✏ 🗑

**Maximum value**

240   minutes   Save

**Change policy target**
This policy applies to all repositories within your organization.

...ories ▾

Save

Add constraint ▾

**Codespaces constraints**

**Machine types**
Set what machine types repository codespaces have access to.

**Port visibility**
Set what visibility options users are able to forward ports with.

**Maximum idle timeout**
Set the maximum idle time that codespaces will stay active before they're stopped.

nts

values

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Prebuilds / Edit configuration

**Branch**
🔀 main ▾

**Region availability**
Once your codespace is prebuilt, you can specify which regions the final image is stored and made available to.

○ All regions
Your prebuild image will be made available to all regions where Codespaces is available

● Specific regions
Select the specific regions your prebuild image will be made available

☐ US East

☐ US West

☑ Europe West

☐ Southeast Asia

**Prebuild Triggers**
You can specify how often to prebuild your codespace based on changes to your repository or a schedule. Read more about prebuild triggers.

○ Every push   Default
Your codespace will prebuild on every push to this branch

● On configuration change
Your codespace will prebuild when a change is detected on the devcontainer.json and associated configuration files

○ Scheduled
Your codespace will prebuild on a schedule

Update

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Create codespace for
**Microsoft-Bootcamp/attendee-wulfland**

**Branch**
This branch will be checked out on creation
🔀 main ▾

**Dev container configuration**
Your codespace will use this configuration
.devcontainer/de... ▾

**Region**
Your codespace will run in the selected region
Europe West ▾

**Machine type**
2-core • 4GB RAM • 32GB storage
2-core ▾

Need even more power? Contact our team to enable 32-core machines.

Create codespace

# Workflow permissions

Choose the default permissions granted to the GITHUB_TOKEN when running workflows in this organization. You can specify more granular permissions in the workflow using YAML. Learn more.

Repository administrators will only be able to change the default permissions to a more restrictive setting.

◉ **Read and write permissions**

Workflows have read and write permissions in the repository for all scopes.

○ **Read repository contents permission**

Workflows have read permissions in the repository for the contents scope only.

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☑ **Allow GitHub Actions to create and approve pull requests**

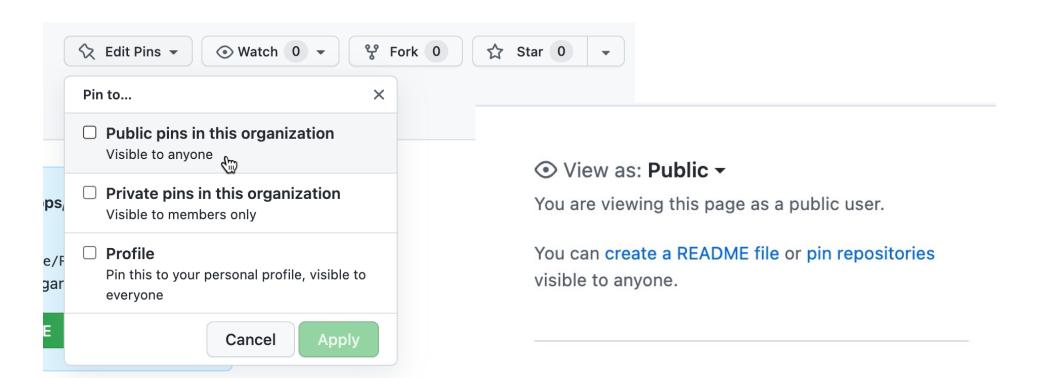This controls whether GitHub Actions can create pull requests or submit approving pull request reviews.

Save

# Pin Repositories

- Pin repositories to public or member org profile from repo page
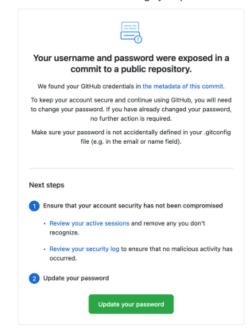- .github-private/profile/README.md

# Secret Scanning

- Push protection

- Web commits (4/28)

- JD Cloud is a Secret Scanning Partner

- Sugarbase is a Secret Scanning Partner

- Secret scanning detects and revokes leaked passwords

- Secret scanning: Dry runs for organization-level custom patterns



Action needed: Please change your password

**Your username and password were exposed in a commit to a public repository.**

We found your GitHub credentials in the metadata of this commit.

To keep your account secure and continue using GitHub, you will need to change your password. If you have already changed your password, no further action is required.

Make sure your password is not accidentally defined in your .gitconfig file (e.g. in the email or name field).

**Next steps**

1 Ensure that your account security has not been compromised
  - Review your active sessions and remove any you don't recognize.
  - Review your security log to ensure that no malicious activity has occurred.

2 Update your password

**Update your password**

# Dependabot

- **Dependabot:**
  - Show vulnerable function calls (Python, beta): has:vulnerable-calls
- **Code scanning:**
  - Code scanning alerts now show their analysis origin

# The new GitHub Issues

- Create and delete fields from settings page
- Charts: group by custom fields for time-based charts (alpha)