

GitHub



Community Call

January 26th, 2022





The plan for the community events:

- Regular monthly meetings
- English or German depending on participants (slides English)
- Dynamic knowledge exchange instead of one-way presentations
- Guest speakers from time to time
- Call for content (or topic requests) via Meetup or Twitter



Whats new in GitHub?

- New Code Search (Closed Preview)
- Copilot (Closed Preview)
- News in Projects / New Issues (December and January)
- New settings design (rolled out tonight)
- Command palette (Command+K)
- GitHub.dev
- Codespaces GA



New Code Search (Closed Preview)

<https://cs.github.com/>

The screenshot shows the GitHub Code Search interface. At the top, the GitHub logo and "GitHub Code Search" are displayed. Below the header, a search bar contains the query "org:rust-lang CodePoint". The main area shows the file structure of the "rust-lang/rust" repository, specifically the "sys_common/" directory. A code editor window displays the contents of the "wtf8.rs" file. A tooltip for the "CodePoint" class is open, showing its definition and implementations. The tooltip includes the following code:

```
class CodePoint
Definition
44 pub struct CodePoint {
In this class:
    value L45
        fmt L52
        from_u32_unchecked L62
        from_u32 L70
        from_char L81
see all 9 symbols
24 matches in this file previous next
50 impl fmt::Debug for CodePoint {
51     #[inline]
52     fn fmt(&self, formatter: &mut fmt::Formatter<'_>) -> fmt::Result {
53         write!(formatter, "U+{:04X}", self.value)
54     }
55 }
56
57 impl CodePoint {
58     /// Unsaferly creates a new `CodePoint` without checking the value.
59     ///
60     /// Only use when `value` is known to be less than or equal to 0x10FFFF.
61     #[inline]
62     pub unsafe fn from_u32_unchecked(value: u32) -> CodePoint {
63         CodePoint { value }
64     }
65
66     /// Creates a new `CodePoint` if the value is a valid code point.
67     ///
68     /// Returns `None` if `value` is above 0x10FFFF.
69     #[inline]
70     pub fn from_u32(value: u32) -> Option<CodePoint> {
```



Copilot

<https://copilot.github.com/> (Closed Preview)

```
1 #!/usr/bin/env ts-node
2
3 import { fetch } from "fetch-h2";
4
5 // Determine whether the sentiment of text is positive
6 // Use a web service
7 async function isPositive(text: string): Promise<boolean> {
8   const response = await fetch(`http://text-processing.com/api/sentiment/`, {
9     method: "POST",
10    body: `text=${text}`,
11    headers: {
12      "Content-Type": "application/x-www-form-urlencoded",
13    },
14  });
15  const json = await response.json();
16  return json.label === "pos";
17 }
```

Copilot



Issues / Projects

- Group boards by any field
- Reviewer field
- Updated filter bar
- Linked pull requests
- Draft Issues
- Add projects to repository
- Presence indicators



New settings design

 Michael Kaufmann
Your personal account [Switch to another account ▾](#)

Profile

- Account
- Appearance
- Accessibility
- Notifications

Access

- Billing and plans
- Emails
- Password and authentication
- SSH and GPG keys
- Organizations
- Enterprises
- Moderation

Code, planning, and automation

- Repositories
- Codespaces
- Packages
- Pages
- Saved replies

Security

- Code security and analysis

Integrations

- Applications

Public profile

Name

Your name may appear around GitHub where you contribute or are mentioned. You can remove it at any time.

Public email

You have set your email address to private. To toggle email privacy, go to [email settings](#) and uncheck "Keep my email address private."

Bio

You can @mention other users and organizations to link to them.

URL

Twitter username

Company

You can @mention your company's GitHub organization to link it.

Location

All of the fields on this page are optional and can be deleted at any time, and by filling them out, you're giving us consent to share this data wherever your user profile appears.



Accelerate DevOps

Organization account [Switch to another account ▾](#)

[Go to your organization profile](#)

General

- Access
 - Billing and plans
 - Repository roles
 - Member privileges
 - Team discussions
 - Moderation

- Code, planning, and automation
 - Repository
 - Codespaces
 - Actions
 - Webhooks
 - Packages
 - Pages
 - Projects

- Security
 - Authentication security
 - Code security and analysis
 - Verified and approved domains
 - Secrets

- Integrations
 - Third-party access
 - GitHub Apps

Organization profile

Organization display name

Email (will be public)

Description

URL

Twitter username

Location
 Stuttgart, Germany

Billing email (Private)

Add more billing email recipients in the [billing page](#).

Gravatar email (Private)

Sponsors update email (Private)

Profile picture



[Upload new picture](#)

Note: To apply for a publisher verification your organization's profile picture should not be irrelevant, abusive or vulgar. It should not be a default image provided by GitHub.

[Update profile](#)



Command palette (Command+K)

- Command palette (Command+K or Ctrl+K)
- <https://docs.github.com/en/get-started/using-github/github-command-palette>
- Fast Navigation
- Search
- Command Mode (Command+Shift+K or >)
- i.e. switch theme



GitHub.dev

- Press . in any repo

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is for the repository `github.dev/wulfland/AccelerateDevOps`. The left sidebar is titled "EXPLORER" and lists several files and folders: ".github", ".vscode", "ch3_pull-request", "ch4_customWiki", "ch8_packages", "ch9_release", "ch14", "ch15_sec", "docs", ".gitignore", "LICENSE", and "README.md". The "README.md" file is currently selected, as indicated by a blue selection bar at the bottom of the sidebar. The main content area displays the contents of the README.md file:

```
AccelerateDevOps

Azure Boards integration
Azure Boards Doing 2

Chapter 3
Hand-on exercices 🙋
1. Create a pull request
2. Review Changes

Chapter 4
Discussions
See Discussions in the main menu.

GitHub Pages
See the result under AccelerateDevOps and check out the files in /docs that are the source.

Wiki
GitHub Wiki
See the sample wiki in this repo.

Also see the sample pages for a ToC in AsciiDoc and MediaWiki.
```

At the bottom of the browser window, there are navigation buttons for "GitHub", "main", and "Layout: German".



Codespaces GA

<https://github.com/features/codespaces>

Codespaces pricing

Codespaces usage is billed for all accounts on the Team and Enterprise plans, and does not include any entitlements. Individual accounts are not currently billed for Codespaces usage.

Codespaces usage is billed according to the units of measure in the following table:

Product	SKU	Unit of measure	Price
Codespaces Compute	2 core	1 hour	\$0.18
	4 core	1 hour	\$0.36
	8 core	1 hour	\$0.72
	16 core	1 hour	\$1.44
	32 core	1 hour	\$2.88
Codespaces Storage	Storage	1 GB-month	\$0.07

The screenshot shows the GitHub Codespaces interface integrated into the GitHub desktop application. The top navigation bar includes 'Go to file', 'Add file', and 'Code' buttons. The main area has tabs for 'Local' and 'Codespaces'. Under 'Your codespaces', there are two entries: 'main*' (25d) and 'dev-container-for-codespaces' (38d). A 'New codespace' button is at the bottom. The central part of the interface shows the GitHub repository structure in the Explorer pane, with files like README.md, .github, .vscode, and various chapters of the AccelerateDevOps book. The Editor pane displays the [Preview] README.md file with the title 'AccelerateDevOps'. The Terminal pane at the bottom shows the command 'Installing C# dependencies...' followed by 'Platform: linux, x86_64, name=ubuntu, version=20.04' and 'Finished'. The bottom right corner shows 'Layout: German'.



Other improvements

- Star lists
- Discussion Insights
- Allow to upload .svg files to Markdown
- Audit log streaming (AWS S3, Azure Blob Storage/Event Hub, Splunk, Google Cloud Storage)
- OpenID Connect
- Shortcuts (filtered lists) on GitHub Mobile
- Unwatch All (<https://github.com/watching>)



Star list



Michael Kaufmann

wulfland

CEO @Xpirit-Germany. Microsoft
Regional Director and MVP. Loves C#,
Git, GitHub, and DevOps. Author and
Speaker.

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[Create list](#)

Lists

My Favorites

Sponsored

Actions

Beta Lists are currently in beta. [Share feedback and report bugs.](#)

Stars

Search stars

Type: All ▾

Language ▾

Sort by: Recently starred ▾

[wulfland / AccelerateDevOps](#)

JavaScript 3 5 Updated 22 hours ago

Starred



Discussion Insights

acme / discussions Public

Watch 131 Fork 320 Star 1.3k

Code Pull requests 3 Discussions Actions Security Insights Settings

Pulse Contributors Community Community Standards Traffic Commits Code frequency Dependency graph Network Forks

Period: Last 30 days ▾

Community insights

Contribution activity

Count of total contribution activity to Discussions, Issues, and PRs

Quantity

Timeline: 12/25, 1/1, 1/8, 1/15, 1/22

Legend: discussions (green dashed line), issues (blue solid line), pull requests (purple dotted line)

Date	Discussions	Issues	Pull Requests
12/25	150	180	0
1/1	200	220	180
1/8	200	220	180
1/15	180	200	100
1/22	180	200	180

Discussions page views

Total page views to Discussions segmented by logged in vs anonymous users.

Quantity

Timeline: 12/25, 1/1, 1/8, 1/15, 1/22

Legend: logged in (blue), anonymous (orange)

Date	Logged In	Anonymous	Total
12/25	3000	1000	4000
1/1	7000	1000	8000
1/8	7000	1000	8000
1/15	7000	1000	8000
1/22	1000	1000	2000

Discussions daily contributors

Count of unique users who have reacted, upvoted, marked an answer, commented, or posted in the selected period.

Quantity

Timeline: 12/25, 1/1, 1/8, 1/15, 1/22

Date	Quantity
12/25	500
1/1	1000
1/8	800
1/15	1000
1/22	1000

Discussions new contributors

Count of unique new users to Discussions who have reacted, upvoted, marked an answer, commented, or posted in the selected period.

Quantity

Timeline: 12/25, 1/1, 1/8, 1/15, 1/22

Date	Quantity
12/25	300
1/1	600
1/8	600
1/15	600
1/22	500



Local Reusable Workflows

```
jobs:  
  call-workflow-in-local-repo:  
    uses: ./github/workflows/workflow-2.yml
```



Other news

- GitHub accredited trainer:
 - Developer (Mike)
 - Admin (Mike)
 - Actions (Mike waiting for final results, Thomas ongoing)
- GitHub Exams (beta)
 - Actions (Mike passed)
 - Admin (took exam today)
- Global DevOps Bootcamp
 - <https://globaldevopsbootcamp.com/>
 - May 14th
 - Embrace chaos to achieve stability
 - Hybrid event

