GitHub
ロードマップウェビナー#4

鈴木　順子

シニアサポートエンジニア

GitHub

William Zhang

ソリューションズエンジニア

GitHub

Agenda

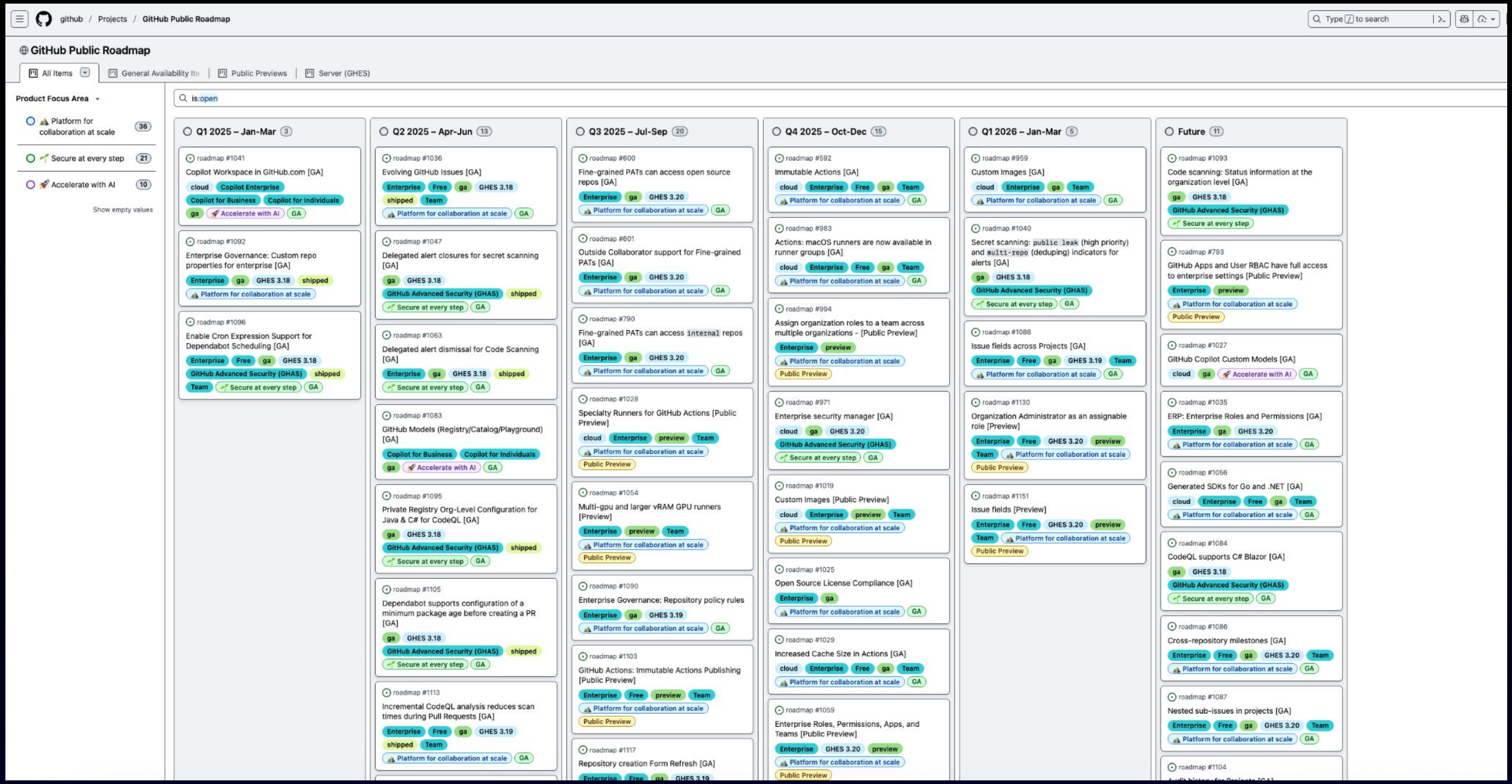
1. Public Roadmapの歩き方
2. 最新のGitHubプレビュー
3. リリースされた機能
   - Platform for collaboration at scale
   - Secure at every step
   - Accelerate with AI
4. リリース予定の機能
   - Platform for collaboration at scale
   - Secure at every step
   - Accelerate with AI
5. GitHub Next

Exploring

GitHub Public Roadmap

https://gh.io/roadmap

github roadmap


github / Projects / GitHub Public Roadmap
Type / to search
GitHub Public Roadmap
All Items
General Availability Ite
Public Previews
Server (GHES)
Product Focus Area
Platform for collaboration at scale 36
Secure at every step 21
Accelerate with AI 10
Show empty values
is:open
Q1 2025 – Jan-Mar 3
roadmap #1041
Copilot Workspace in GitHub.com [GA]
cloud Copilot Enterprise Copilot for Business Copilot for Individuals ga Accelerate with AI GA
roadmap #1092
Enterprise Governance: Custom repo properties for enterprise [GA]
Enterprise ga GHES 3.18 shipped Platform for collaboration at scale
roadmap #1096
Enable Cron Expression Support for Dependabot Scheduling [GA]
Enterprise Free ga GHES 3.18 GitHub Advanced Security (GHAS) shipped Team Secure at every step GA
Q2 2025 – Apr-Jun 13
roadmap #1036
Evolving GitHub Issues [GA]
Enterprise Free ga GHES 3.18 shipped Team Platform for collaboration at scale GA
roadmap #1047
Delegated alert closures for secret scanning [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) shipped Secure at every step GA
roadmap #1063
Delegated alert dismissal for Code Scanning [GA]
Enterprise ga GHES 3.18 shipped Secure at every step GA
roadmap #1083
GitHub Models (Registry/Catalog/Playground) [GA]
Copilot for Business Copilot for Individuals ga Accelerate with AI GA
roadmap #1095
Private Registry Org-Level Configuration for Java & C# for CodeQL [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) shipped Secure at every step GA
roadmap #1105
Dependabot supports configuration of a minimum package age before creating a PR [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) shipped Secure at every step GA
roadmap #1113
Incremental CodeQL analysis reduces scan times during Pull Requests [GA]
Enterprise Free ga GHES 3.19 shipped Team Platform for collaboration at scale GA
Q3 2025 – Jul-Sep 20
roadmap #600
Fine-grained PATs can access open source repos [GA]
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roadmap #601
Outside Collaborator support for Fine-grained PATs [GA]
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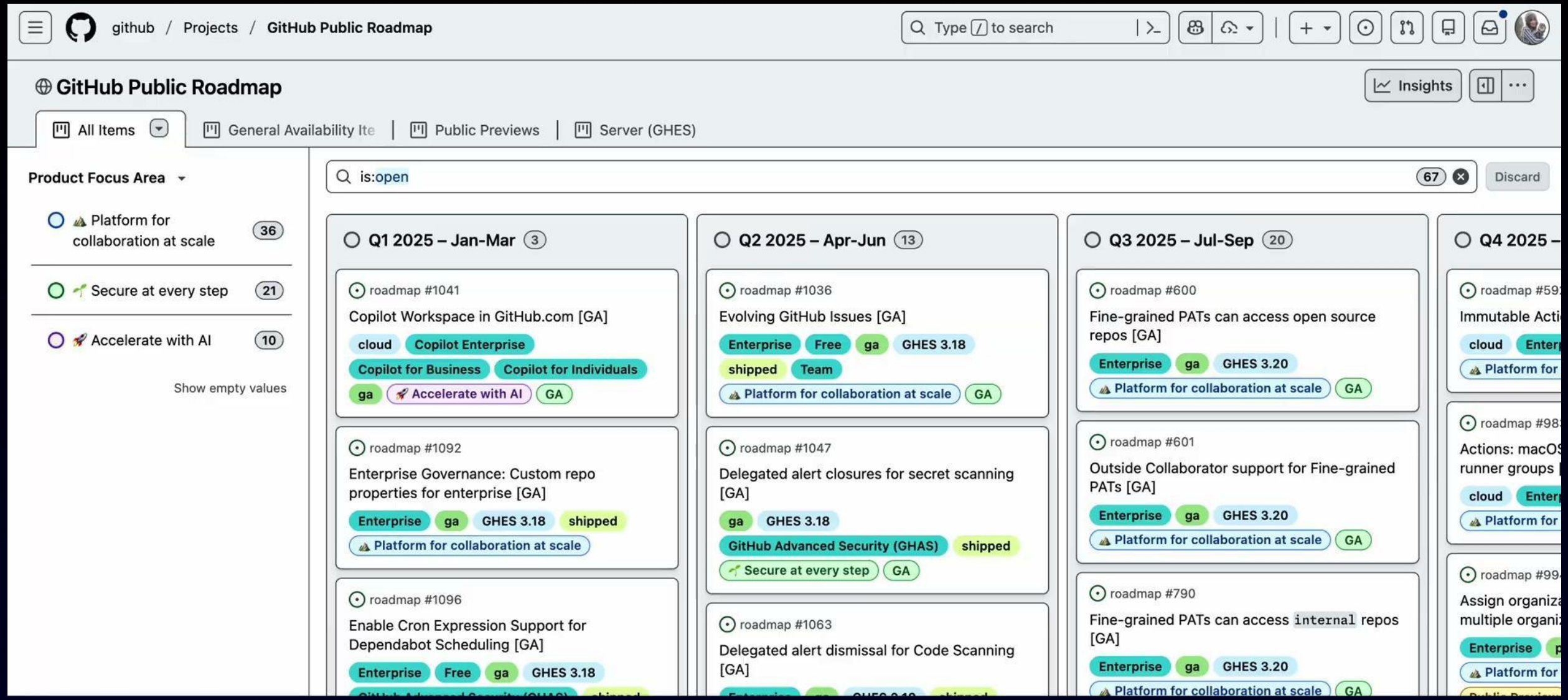
roadmap #790
Fine-grained PATs can access internal repos [GA]
Enterprise ga GHES 3.20 Platform for collaboration at scale GA
roadmap #1028
Specialty Runners for GitHub Actions [Public Preview]
cloud Enterprise preview Team Platform for collaboration at scale Public Preview
roadmap #1054
Multi-gpu and larger vRAM GPU runners [Preview]
Enterprise preview Team Platform for collaboration at scale Public Preview
roadmap #1090
Enterprise Governance: Repository policy rules
Enterprise ga GHES 3.19 Platform for collaboration at scale GA
roadmap #1103
GitHub Actions: Immutable Actions Publishing [Public Preview]
Enterprise Free preview Team Platform for collaboration at scale Public Preview
roadmap #1117
Repository creation Form Refresh [GA]
Q4 2025 – Oct-Dec 15
roadmap #592
Immutable Actions [GA]
cloud Enterprise Free ga Team Platform for collaboration at scale GA
roadmap #983
Actions: macOS runners are now available in runner groups [GA]
cloud Enterprise Free ga Team Platform for collaboration at scale GA
roadmap #994
Assign organization roles to a team across multiple organizations - [Public Preview]
Enterprise preview Platform for collaboration at scale Public Preview
roadmap #971
Enterprise security manager [GA]
cloud ga GHES 3.20 GitHub Advanced Security (GHAS) Secure at every step GA
roadmap #1019
Custom Images [Public Preview]
cloud Enterprise preview Team Platform for collaboration at scale Public Preview
roadmap #1025
Open Source License Compliance [GA]
Enterprise ga Platform for collaboration at scale GA
roadmap #1029
Increased Cache Size in Actions [GA]
cloud Enterprise Free ga Team Platform for collaboration at scale GA
roadmap #1059
Enterprise Roles, Permissions, Apps, and Teams [Public Preview]
Enterprise GHES 3.20 preview Platform for collaboration at scale Public Preview
Q1 2026 – Jan-Mar 5
roadmap #959
Custom Images [GA]
cloud Enterprise ga Team Platform for collaboration at scale GA
roadmap #1040
Secret scanning: public leak (high priority) and multi-repo (deduping) indicators for alerts [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) Secure at every step GA
roadmap #1088
Issue fields across Projects [GA]
Enterprise Free ga GHES 3.19 Team Platform for collaboration at scale GA
roadmap #1130
Organization Administrator as an assignable role [Preview]
Enterprise Free GHES 3.20 preview Team Platform for collaboration at scale Public Preview
roadmap #1151
Issue fields [Preview]
Enterprise Free GHES 3.20 preview Team Platform for collaboration at scale Public Preview
Future 11
roadmap #1093
Code scanning: Status information at the organization level [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) Secure at every step
roadmap #793
GitHub Apps and User RBAC have full access to enterprise settings [Public Preview]
Enterprise preview Platform for collaboration at scale Public Preview
roadmap #1027
GitHub Copilot Custom Models [GA]
cloud ga Accelerate with AI GA
roadmap #1035
ERP: Enterprise Roles and Permissions [GA]
Enterprise ga GHES 3.20 Platform for collaboration at scale GA
roadmap #1056
Generated SDKs for Go and .NET [GA]
cloud Enterprise Free ga Team Platform for collaboration at scale GA
roadmap #1084
CodeQL supports C# Blazor [GA]
ga GHES 3.18 GitHub Advanced Security (GHAS) Secure at every step GA
roadmap #1086
Cross-repository milestones [GA]
Enterprise Free ga GHES 3.20 Team Platform for collaboration at scale GA
roadmap #1087
Nested sub-issues in projects [GA]
Enterprise Free ga GHES 3.20 Team Platform for collaboration at scale GA
roadmap #1104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Fine-grained PATs can access internal repos [GA]
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Platform for collaboration at scale
GA
Q4 2025 –
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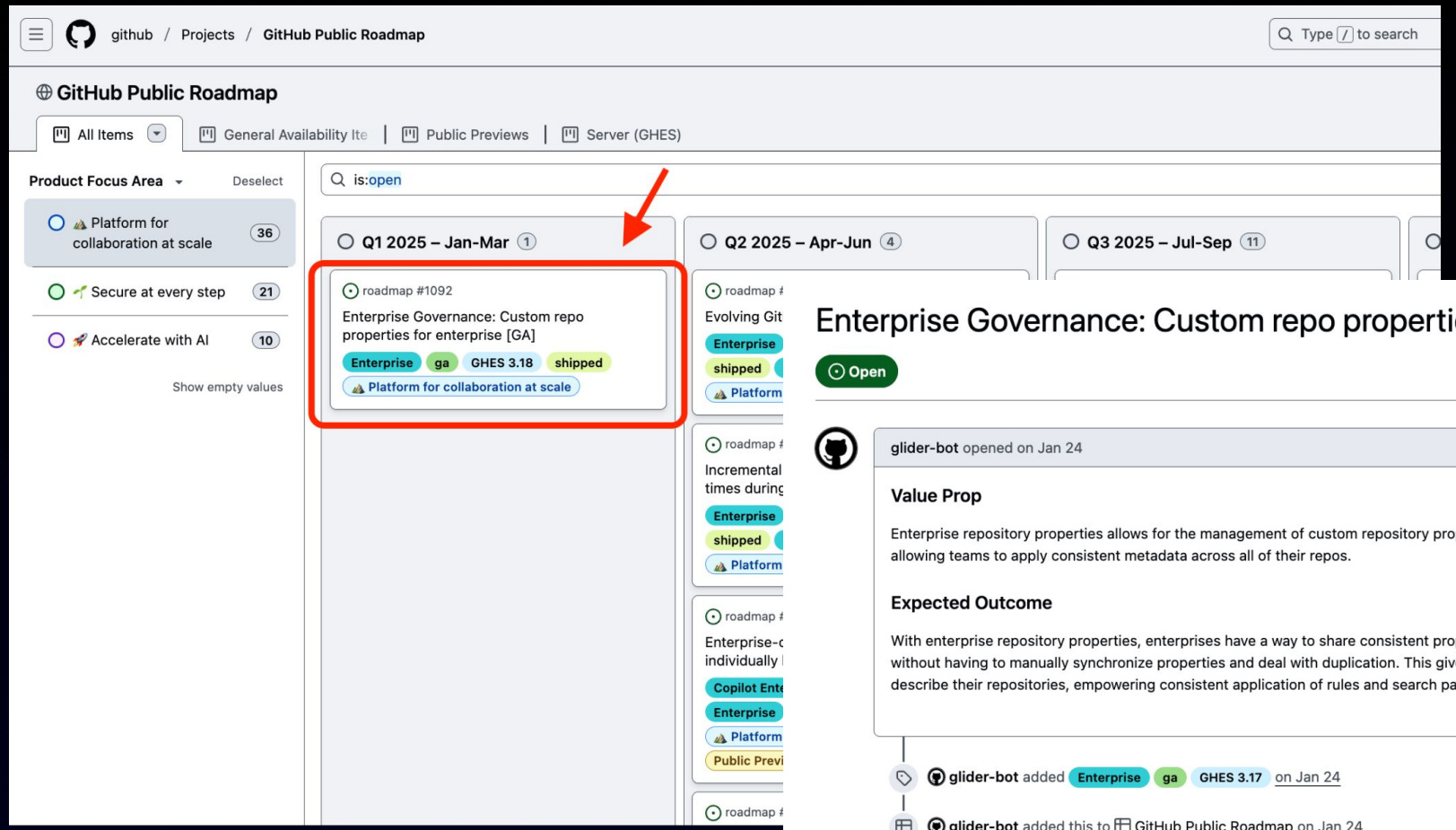
Immutable Acti
cloud
Platform for
roadmap #98
Actions: macO
runner groups
cloud
Platform for
roadmap #99
Assign organiza
multiple organi
Enterprise
Platform for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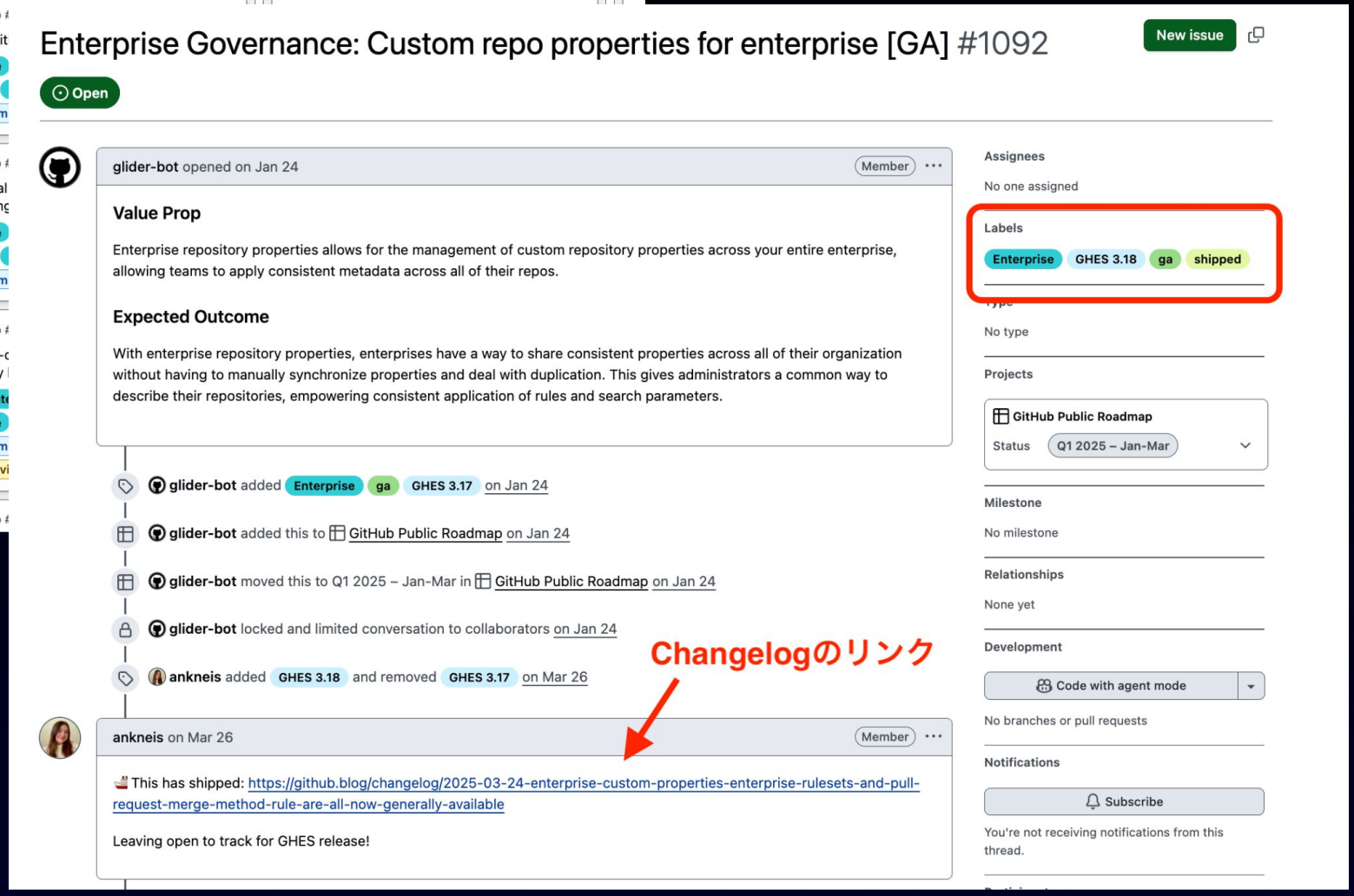
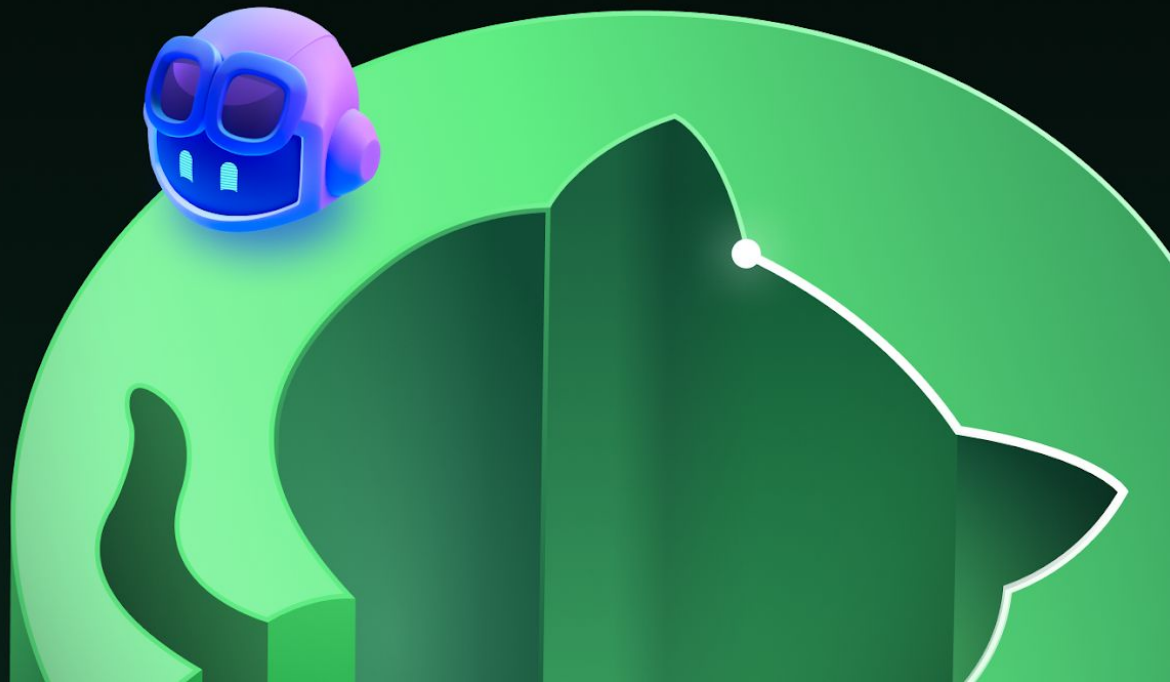
Platform for collaboration at scale


Enterprise Governance: Custom repo properties for enterprise [GA] #1092
New issue
Open
glider-bot opened on Jan 24
Member
Value Prop
Enterprise repository properties allows for the management of custom repository properties across your entire enterprise, allowing teams to apply consistent metadata across all of their repos.
Expected Outcome
With enterprise repository properties, enterprises have a way to share consistent properties across all of their organization without having to manually synchronize properties and deal with duplication. This gives administrators a common way to describe their repositories, empowering consistent application of rules and search parameters.
glider-bot added Enterprise ga GHES 3.17 on Jan 24
glider-bot added this to GitHub Public Roadmap on Jan 24
glider-bot moved this to Q1 2025 – Jan-Mar in GitHub Public Roadmap on Jan 24
glider-bot locked and limited conversation to collaborators on Jan 24
ankneis added GHES 3.18 and removed GHES 3.17 on Mar 26
Changelogのリンク
ankneis on Mar 26
Member
This has shipped: https://github.blog/changelog/2025-03-24-enterprise-custom-properties-enterprise-rulesets-and-pull-request-merge-method-rule-are-all-now-generally-available
Leaving open to track for GHES release!
Assignees
No one assigned
Labels
Enterprise GHES 3.18 ga shipped
No type
Projects
GitHub Public Roadmap
Status Q1 2025 – Jan-Mar
Milestone
No milestone
Relationships
None yet
Development
Code with agent mode
No branches or pull requests
Notifications
Subscribe
You're not receiving notifications from this thread.

Release phases of GitHub products



プライベートプレビュー

- デモ・テスト利用目的
- ドキュメント化されていない可能性
- テクニカルサポート対象外
- “Technology Preview”も同等

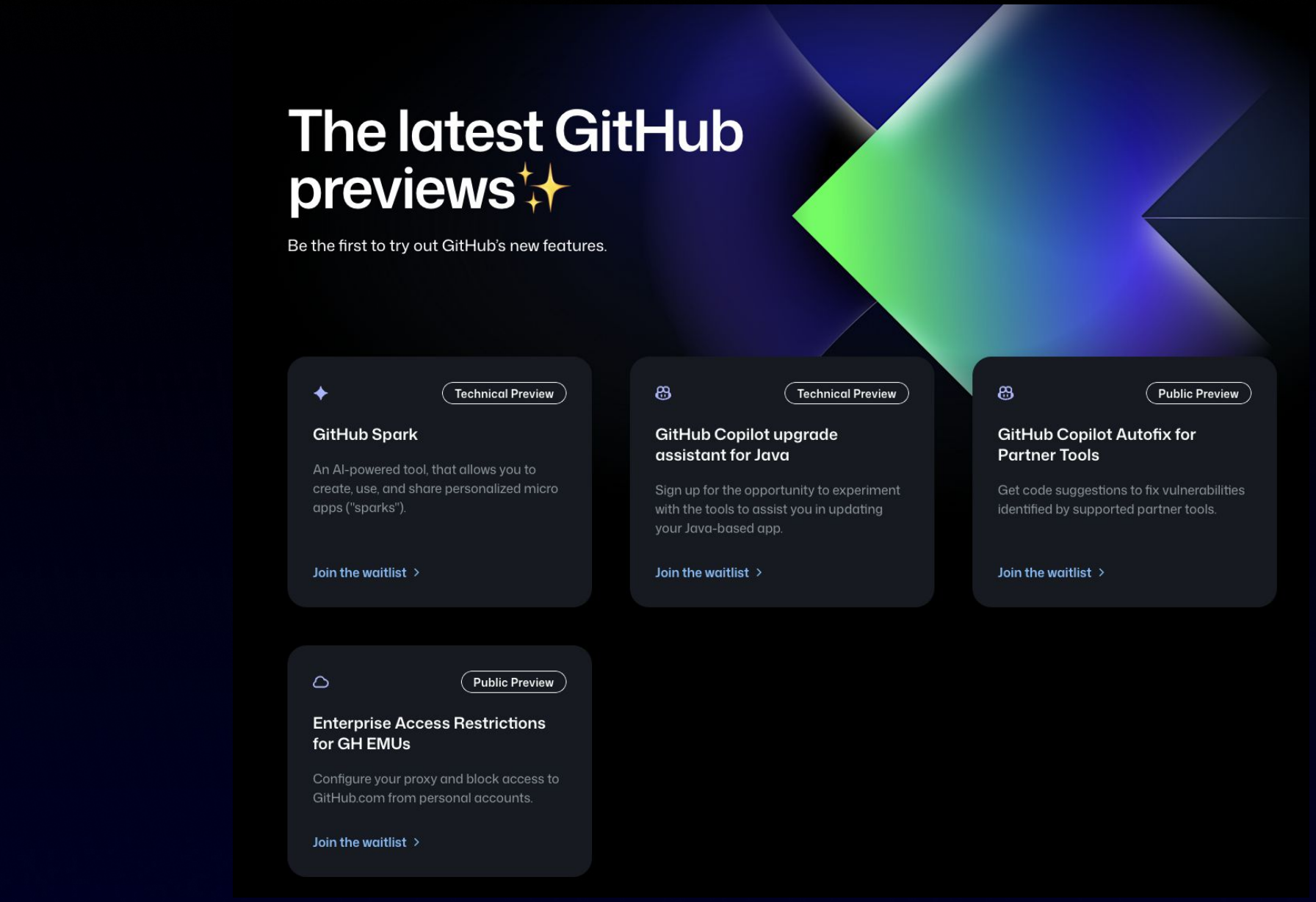
パブリックプレビュー

- より広範囲の利用の準備ができている
- ドキュメント化されている
- テクニカルサポート対象外
- プライベートになる可能性がある

一般公開

- 実稼働の準備完了！
- テクニカルサポート対象

https://docs.github.com/en/enterprise-cloud@latest/get-started/using-github/exploring-early-access-releases-with-feature-preview#githubs-release-cycle



https://github.com/features/preview

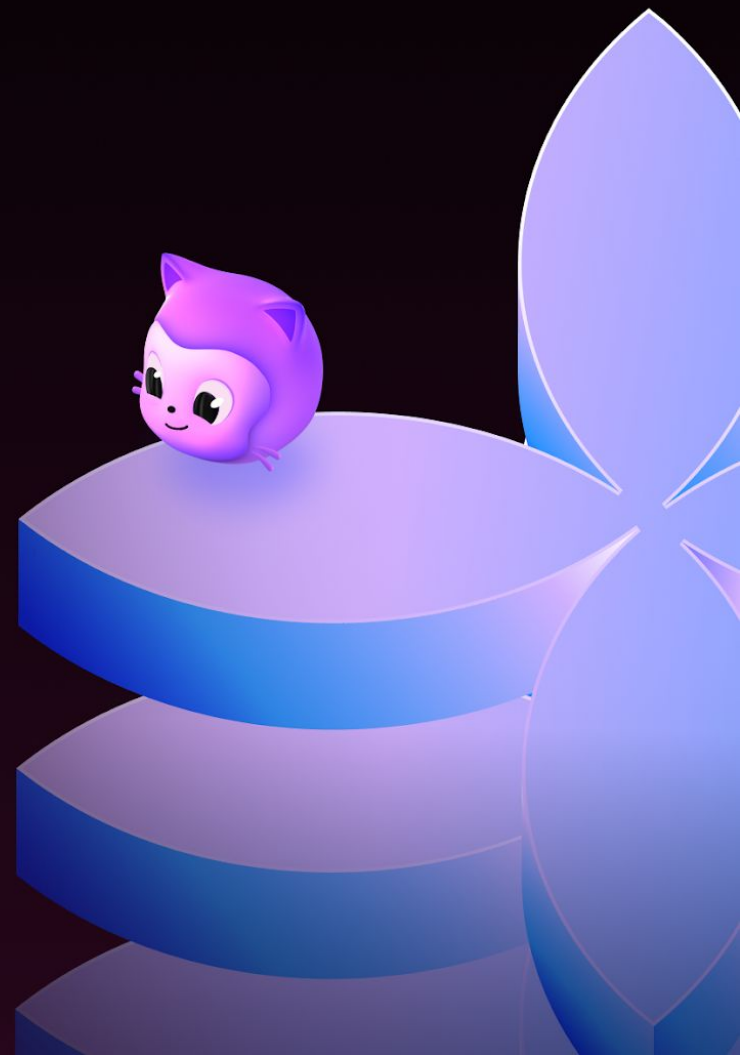
Enterprise Access Restrictions for GH EMUs

- Enterprise Managed Users(EMU)が有効なEnterpriseのみサポート
- Enterprise以外のユーザがGitHub .comへ認証するのを防ぐ
- プロキシやファイアウォールを使用して特定のヘッダを送信する

```
sec-GitHub-allowed-enterprise: ENTERPRISE-ID
```

It's been published!

Platform for collaboration at scale



Q1-Q3にリリースされた機能のご紹介

Enterprise Governance:

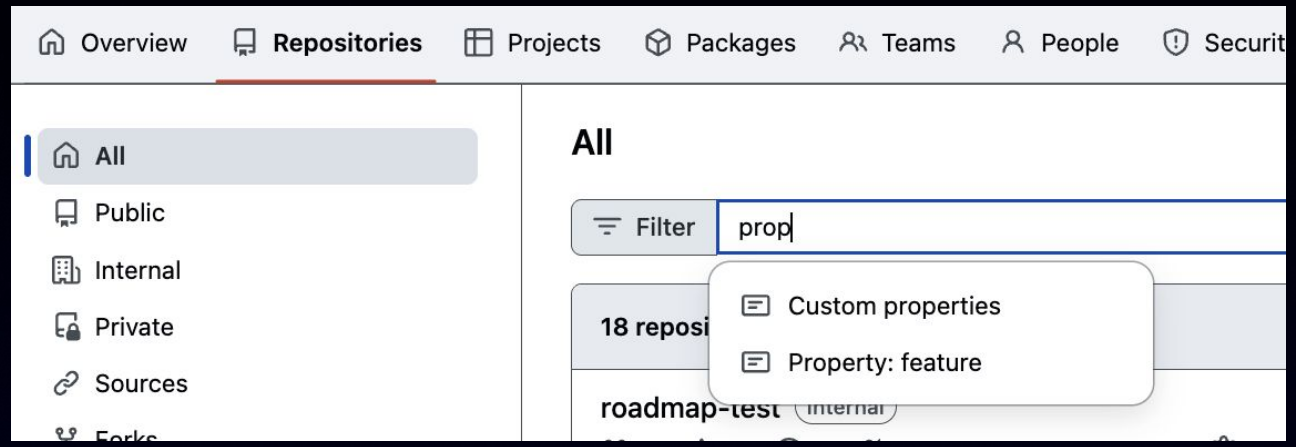
Custom repo properties for enterprise

Enterprise GHES 3.18 ga shipped

- Enterpriseレベルでカスタムプロパティの定義可能に
- 最大100個
- 特定プロパティに対するルールセットやリポジトリポリシーの作成
- 柔軟な検索

https://github.com/github/roadmap/issues/1092

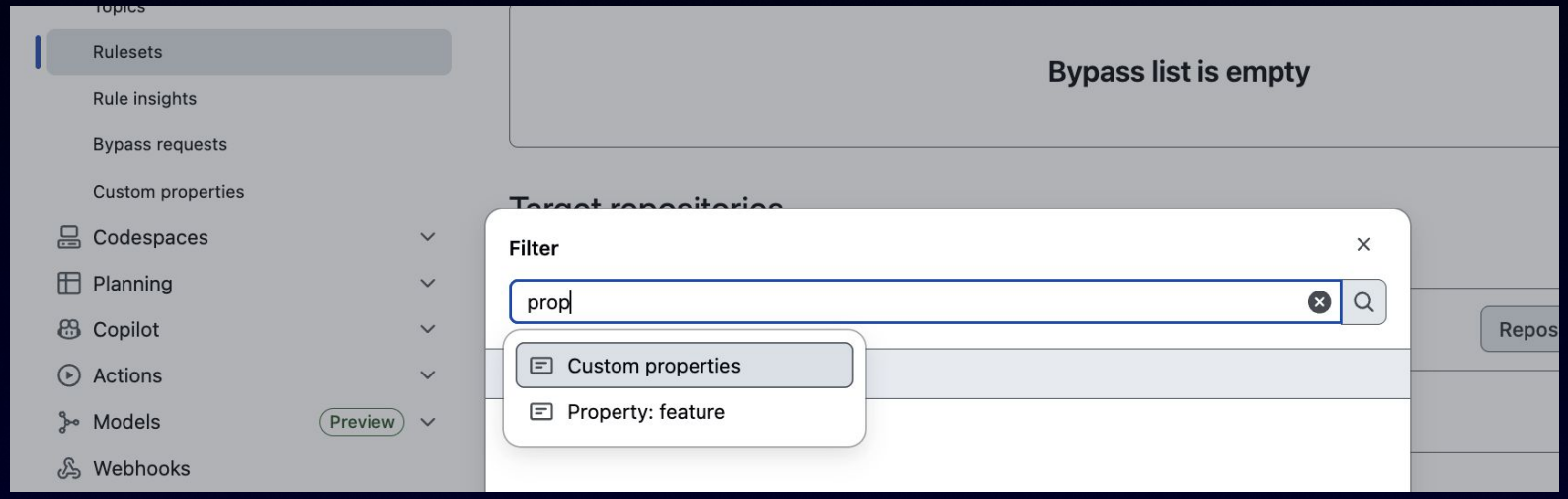
- プロパティ名
- 説明
- プロパティタイプ
  - テキスト、選択フィールド、True/False
- 必須　or Not
  - デフォルト値
- リポジトリ単位で値の設定・更新可能に



Organization内のリポジトリを
プロパティで検索

特定のプロパティに

リポジトリルールセットを作成



Enhanced Repository Creation

Enterprise Free Team preview

shipped

- Enterpriseレベルでカスタムプロパティが必須化されている場合に、リポジトリ作成時に指定できるように

https://github.com/github/roadmap/issues/1139

1 **General**

Owner * **Repository name ***

actionsdemo /

Great repository names are short and memorable. Need inspiration? How about **ideal-fiesta** ?

Description

0 / 350 characters

2 **Required properties**

This organization requires the following custom properties

is-a-library *
Indicates the repository contains a library used by other applications.

default (false) ···

Continue: Configuration

3 **Configuration**

Enterprise Governance:
Repository policy rules

- Enterpriseレベルでリポジトリポリシールールの作成が可能に
- 削除や可視性変更など操作を管理
- Enterprise Managed Users (EMU)の場合は、個人ユーザ配下のリポジトリに対しても適用可能

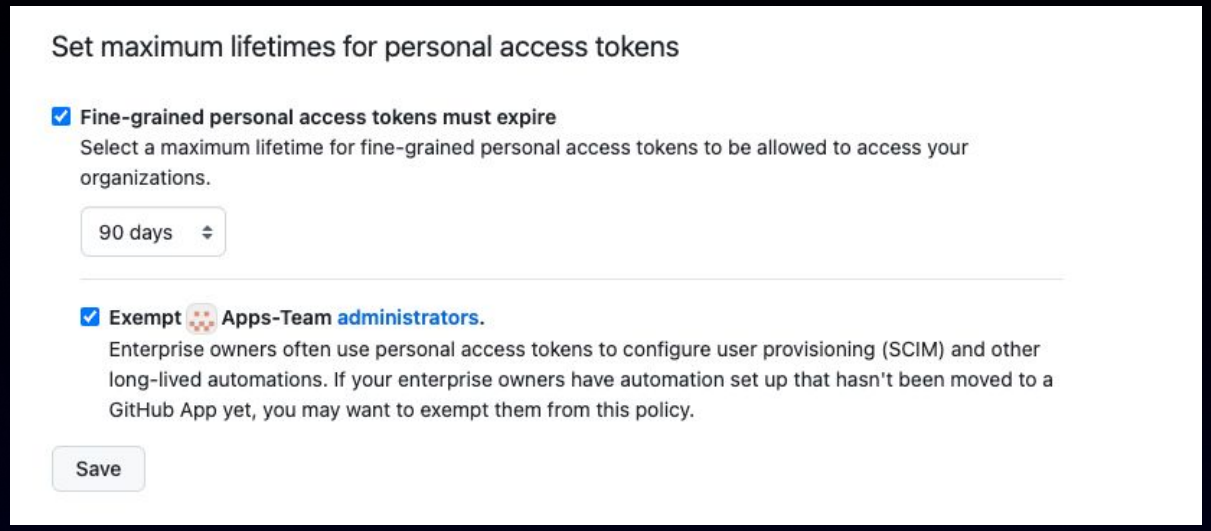
https://github.com/github/roadmap/issues/1030

PATs(Classic) and fine-granted PATs lifetime requirement policy

- Enterpriseレベルでアクセストークンの有効期限の設定を制御
- Enterprise配下のOrganizationへの、安全性の低いトークンからのアクセスを制限できる

Enterprise GHES 3.17 preview shipped

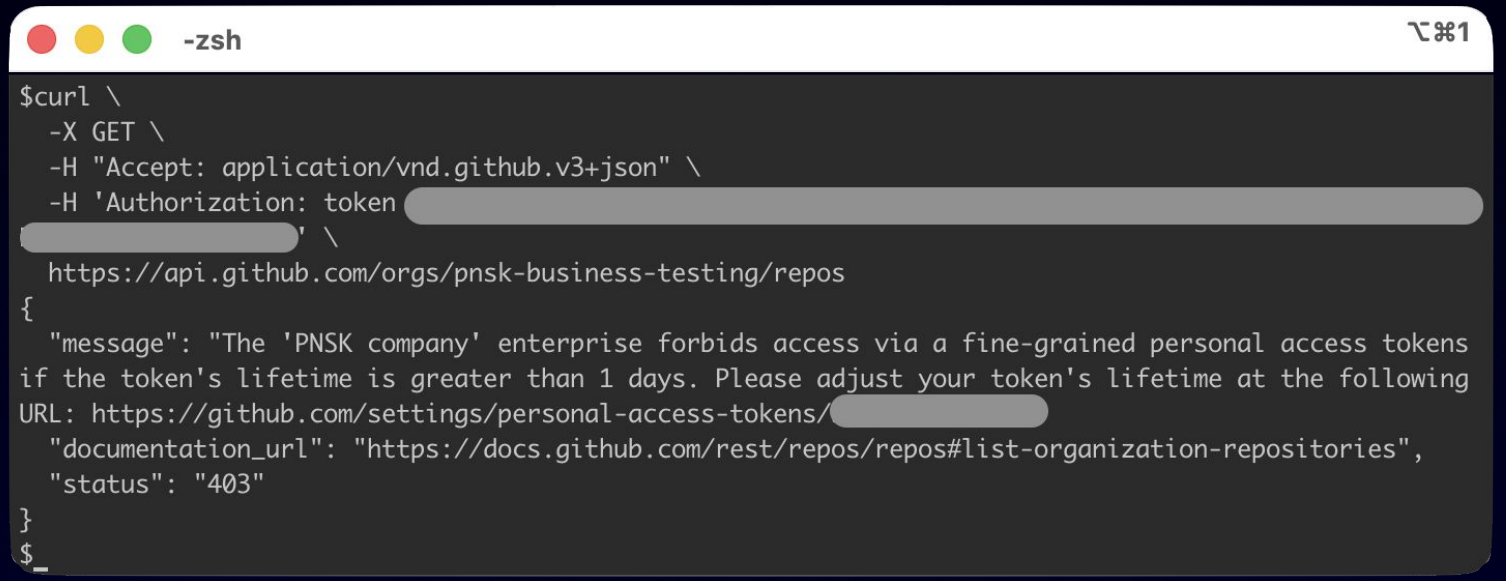
https://github.com/github/roadmap/issues/599



Enterpriseのポリシーページから

最大有効期限を設定

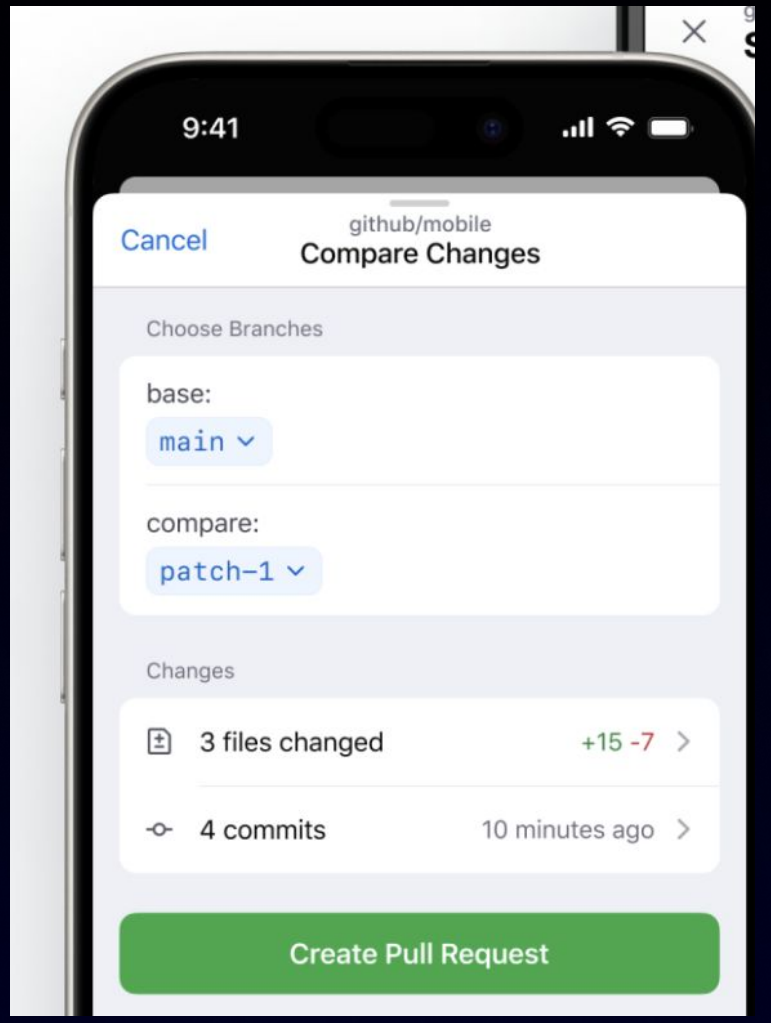
有効期限を超えたトークンを
使用すると403エラー



GitHub Mobile

Create pull request from existing branches

Enterprise Free Team ga shipped



https://github.com/github/roadmap/issues/1080

Light-weight Config apply

Enterprise GHES 3.16 ga shipped

- GitHub Enterprise Serverの構成変更時に内部で実行されるghe-config-applyコマンドの時間短縮

https://github.com/github/roadmap/issues/1023

GHES Live Migration Orchestrator

Reduce downtime

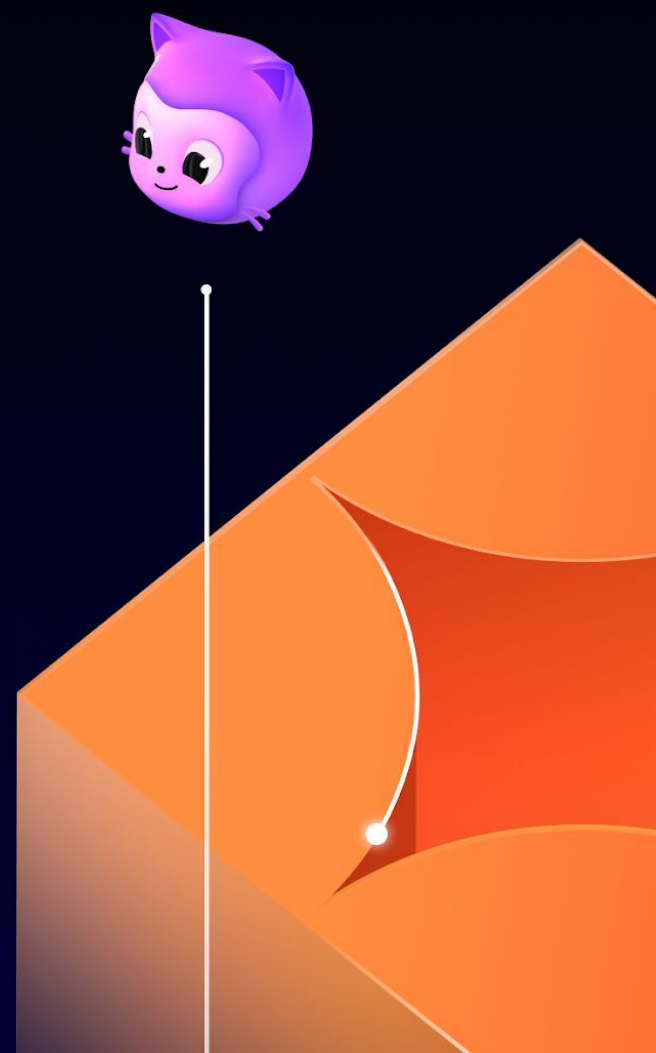
Enterprise GHES 3.16 ga shipped

- GitHub Enterprise Serverインスタンスアップグレード時のデータマイグレーションの改善
- ダウンタイムを大幅に削減

https://github.com/github/roadmap/issues/1033

It's been published!!

Secure at every step



Q1-Q3にリリースされた機能のご紹介

Security campaigns

組織内のセキュリティアラートを大規模に修正するための機能。
セキュリティ担当者が開発者と協力して、セキュリティ
バックログを効率的に解消ができる

特徴:

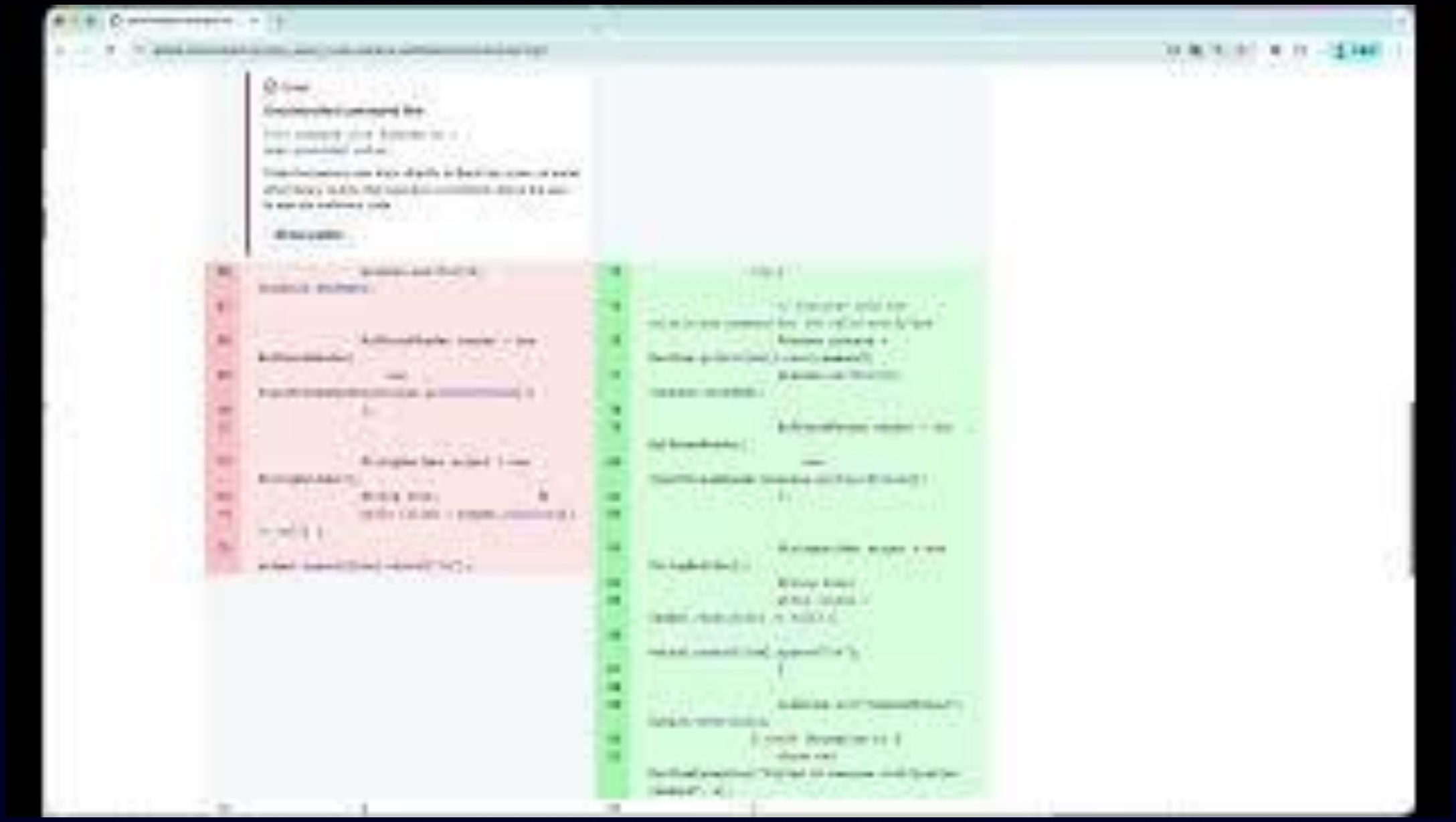
- **メール通知**：キャンペーン実施時に開発者へ自動通知
- **ワークフロー統合**：通常作業から離れずにアラート確認可能
- **担当者設定**：各キャンペーンに質問・レビュー用の連絡先を配置
- **AI支援**: GitHub Copilot Autofixが自動的に解決策を提案
- **効率的修正**：関連アラートのグループ化

GitHub Advanced Security (GHAS)

ga shipped

https://github.com/github/roadmap/issues/1057

Security campaigns



Incremental CodeQL analysis reduces scan times during Pull Requests

Enterprise Free GHES 3.19 Team
ga shipped

- 新規または変更されたコードのみを分析する仕組み
- JavaScript、TypeScript、Java、Ruby、Pythonのプルリクエストスキャンが最大20%高速化

https://github.com/github/roadmap/issues/1113

CodeQL can scan C/C++ without a working build

- ビルド不要でC/C++のスキャンが可能に
- JavaやC#と同様のアプローチ

GitHub Advanced Security (GHAS)

preview shipped

https://github.com/github/roadmap/issues/1085

CodeQL supports Rust

GitHub Advanced Security (GHAS)

preview shipped

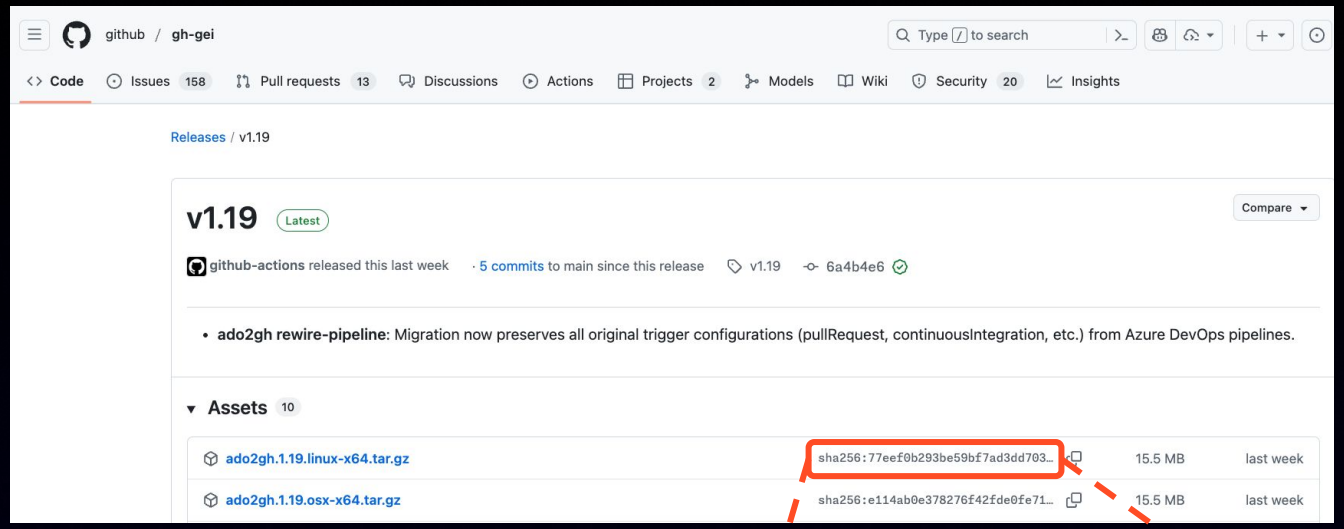
https://github.com/github/roadmap/issues/1126

Expose Release Asset Digests

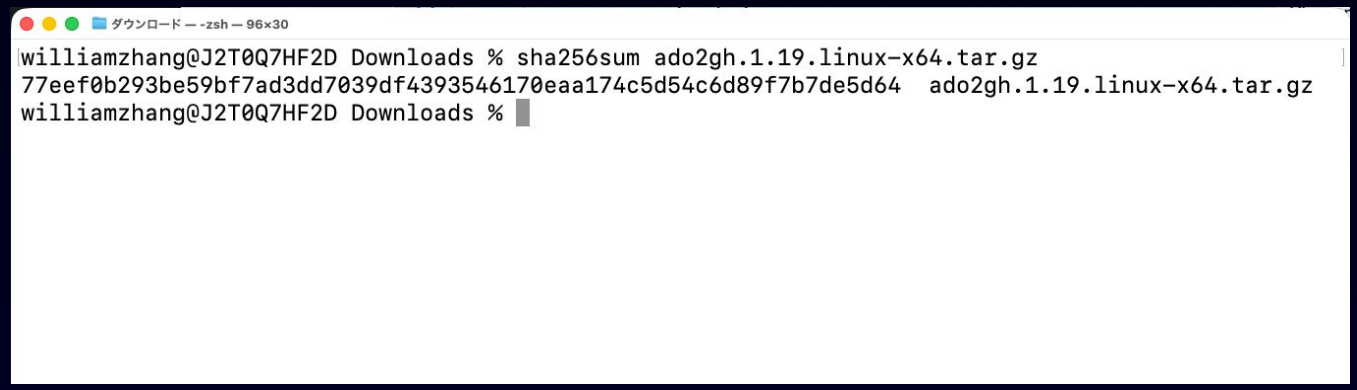
GitHubリリースアセットのチェックサム自動公開機能

- GitHubにアップロードされたリリースアセットに対して、SHA256チェックサムを自動計算・表示
- 一度生成されたチェックサムは変更不可

https://github.com/github/roadmap/issues/1136



照合



- GitHubにアップロードされたリリースアセットに対して、SHA256チェックサムを自動計算・表示
- 一度生成されたチェックサムは変更不可

Production-Aware Dependabot Alerts

Enterprise preview shipped

Dependabotアラートを実際に使用されている依存関係の脆弱性に絞って表示・優先順位付けをする機能

- JFrog Artifactoryとの連携
- 自身のレジストリやCI/CDワークフローとの連携

https://github.com/github/roadmap/issues/1147

Deletion, filtering, and bulk actions for managing artifact attestations

Enterprise Free Team ga shipped

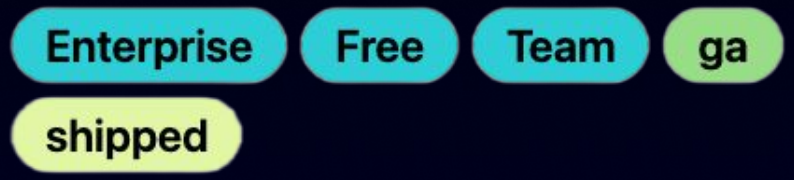
構成証明の管理機能を追加

- 構成証明の削除
- 一括操作
- フィルタリング

https://github.com/github/roadmap/issues/1128

OPA Gatekeeper support for Artifact Attestations

- OPA Gatekeeper向けのプラグイン
- KubernetesでOPA Gatekeeperを使ってデプロイするワークロードに特定の構成証明を要求するポリシーの記述が可能



https://github.com/github/roadmap/issues/1133

GitHub Artifact Attestations with JFrog Evidence

Enterprise preview shipped

GitHubの構成証明をJFrog Evidenceに自動で取り込ませた運用が可能に

特徴

- コンプライアンス要件を自動で満たす
- 不正なビルドの本番環境到達を防ぐ
- 監査証跡の自動記録

https://github.com/github/roadmap/issues/1148

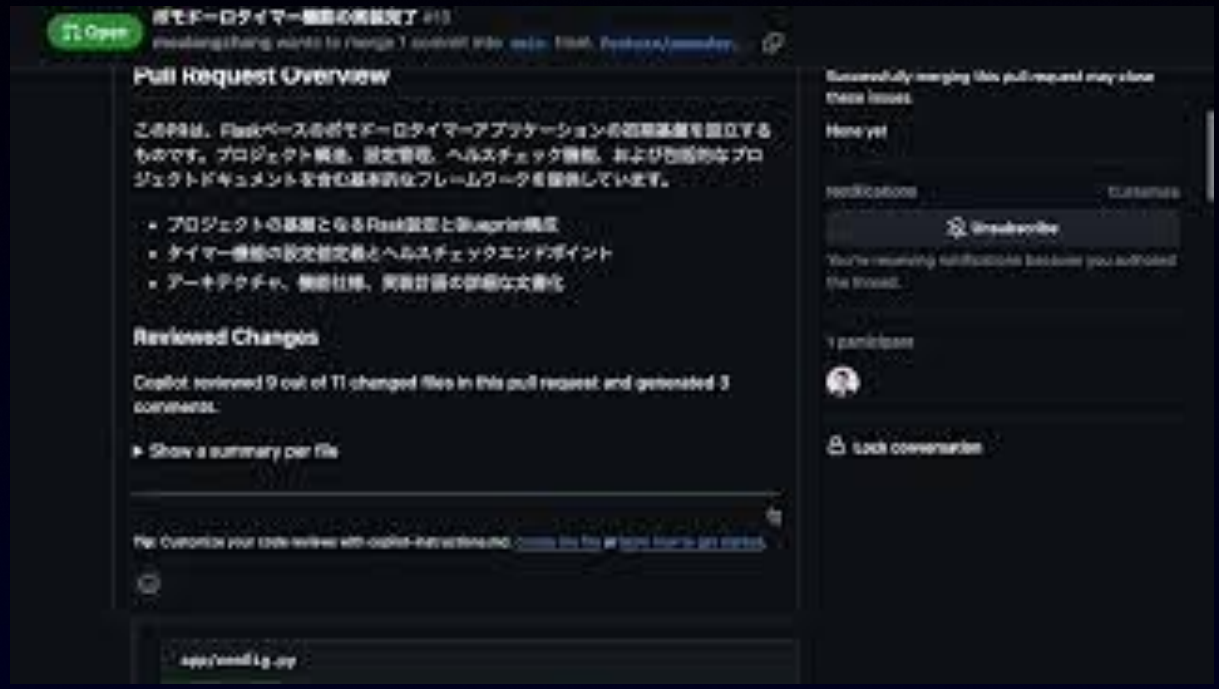
It’s been published!!

Accelerate with AI

Q1-Q3にリリースを予定している機能のご紹介

Copilot Code Reviews

Copilot Enterprise cloud ga shipped



https://github.com/github/roadmap/issues/1022

GitHub Copilot RAI: Responsible AI

https://github.com/github/roadmap/issues/1060

Responsible AI の取り組みを強化し、より安全で、より賢いコードを提案するように

変更内容

- 多角的な安全性評価
- 悪用対策用のベンチマーク導入

効果

- 誤ってブロックされるコードが減少
- コードの安全性が向上

Copilot Search on GitHub Docs

Free Team ga shipped

GitHubドキュメントで Copilot による対話型検索が利用可能に

従来の検索：
キーワード入力 → 記事リスト → 複数ページを読む → 自分で答えを探す

Copilot 検索：
質問入力 → 包括的な回答表示 → 関連リンク付き

https://github.com/github/roadmap/issues/1106

Codex V2 code completion model

Copilot for Business

Copilot for Individuals ga shipped

コード補完を実現する既存モデルをFine TuningしたGitHubの独自モデル。
ベースモデルも順次更新しております。

5月29日にGPT-4o

8月25日にGPT4.1に変更

https://github.com/github/roadmap/issues/1114

Copilot Spaces in IDE

Enterprise Free Team ga
shipped

9月24日にGitHub Copilot SpacesがGA

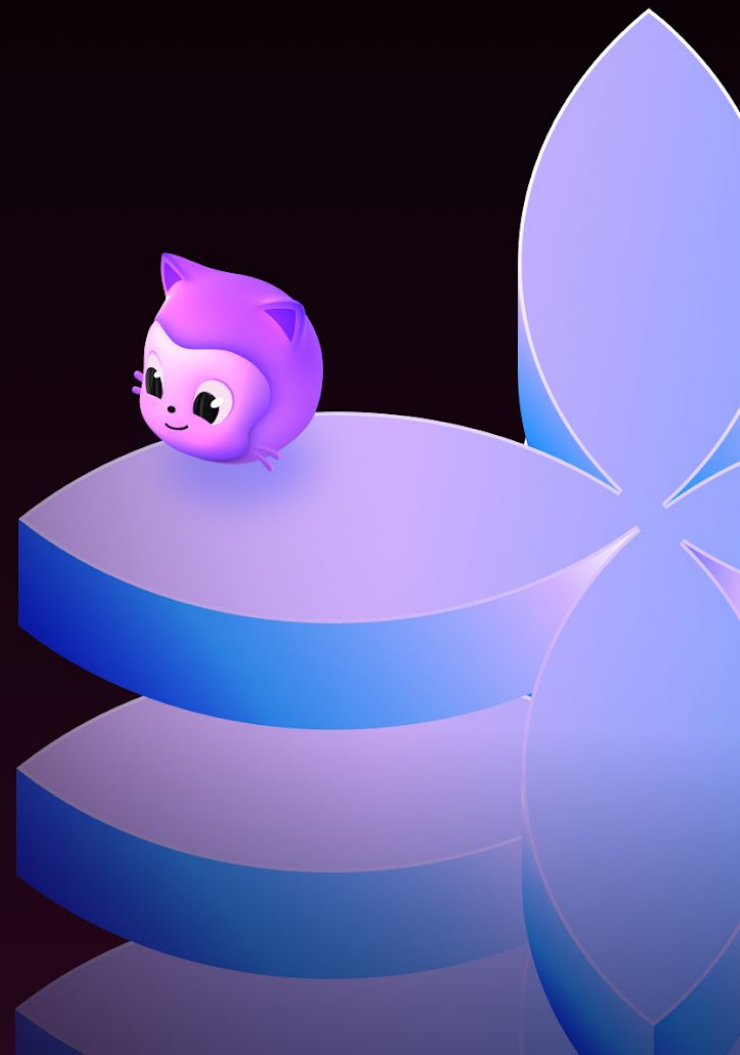
GitHub MCP ServerからCopilot Spacesの
呼び出しが可能に

https://github.com/github/roadmap/issues/1150

Coming soon!!

Platform for collaboration at scale

Q4以降にリリースを予定している機能のご紹介



Roadmap / Platform

OCT-DEC Q4

- Immutable Actions [GA]
- Actions: macOS runners are now available in runner groups [GA]
- Assign organization roles a team across multiple organizations [Public Preview]
- Custom Images [Public Preview’
- Open Source License Compliance [GA]
- Increase Cache Size in Actions [GA]
- Enterprise Roles, Permissions, Apps and Teams [Public Preview]
- Single page app support for GitHub App [Preview]

JAN-MAR Q1,26

- Custom Images [GA]
- Issue fields across Projects [GA]
- Organization Administrator as an assignable role [Preview]
- Issue fields [Preview]

Future

- GitHub Apps and User RBAC have full access to enterprise settings [Public Preview]
- ERB: Enterprise Roles and Permissions [GA]
- Generated SDKs for Go and .NET [GA]
- Cross-repository milestones [GA]
- Nested sub-issues in projects [GA]
- Audit history for Projects [GA]
- Fine-granted PATs can target multiple organizations in an enterprise [Preview]
- Fine-granted PATs can access Enterprise APIs [Preview]

Immutable Actions

- OCIパッケージとしてGitHub Packagesにプッシュ可能
- 不変なActionsを使用可能に
- セキュリティリスクの軽減
- 現在パブリックプレビュー

OCT-DEC Q4

Enterprise Free Team cloud ga

https://github.com/github/roadmap/issues/592

通常のActions

```yaml
jobs:
  foo:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v3
```

- Gitタグで指定

Immutable Actions

```yaml
jobs:
  foo:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@3.0
```

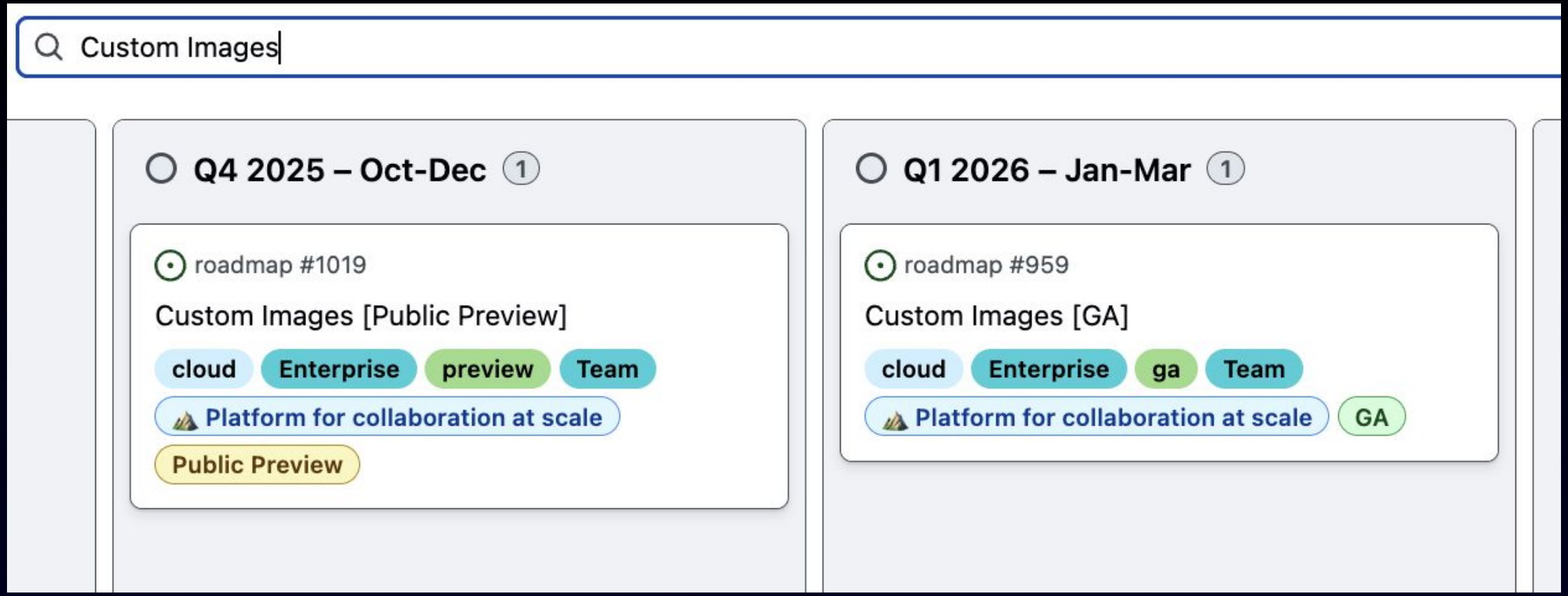
- セマンティックバージョンで指定

Custom Images

Enterprise Team cloud

- Actionsのホステッドランナー上のソフトウェアやツールのカスタマイズが可能に
- 事前にセットアップするツールをカスタマイズすることで、ワークフロー実行にかかる時間を大幅に削減

https://github.com/github/roadmap/issues/1019


Custom Images
Q4 2025 – Oct-Dec 1
roadmap #1019
Custom Images [Public Preview]
cloud
Enterprise
preview
Team
Platform for collaboration at scale
Public Preview
Q1 2026 – Jan-Mar 1
roadmap #959
Custom Images [GA]
cloud
Enterprise
ga
Team
Platform for collaboration at scale
GA

Increase Cache Size in Actions

- ワークフロー依存関係や依存パッケージのためのキャッシュサイズは現在1リポジトリあたり最大10GB
- 最大キャッシュサイズを増やすことでワークフローの実行時間の削減

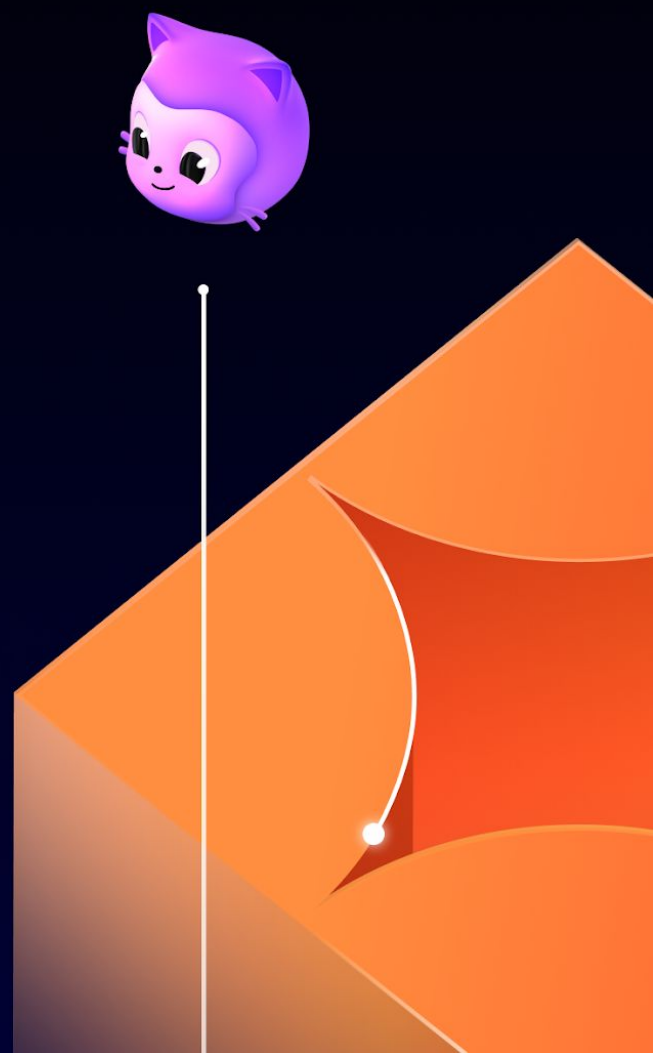
OCT-DEC Q4

Enterprise Free Team cloud ga

https://github.com/github/roadmap/issues/1029

Coming soon!!

Secure at every step



Q4以降にリリースを予定している機能のご紹介

Roadmap / Security

OCT-DEC Q4

- Enterprise Security Manager [GA]
- Immutable Releases [GA]
- CodeQL can scan C/C++ without a working build [GA]
- CodeQL supports Rust [GA]

JAN-MAR Q1,26

- Secret scanning: `public leak` (high priority) and `multi-repo` (deduping) indicators for alerts [GA]

Future

- ERB: Enterprise Roles and Permissions (GA)
- CodeQL supports C# Blazor [GA]

Immutable Releases

- Releases、Release アセット、Gitタグが変更・削除されない
- ドラフトReleaseは変更可能
- 現在はパブリックプレビュー

OCT-DEC Q4

Enterprise Free GHES 3.20 Team ga

https://github.com/github/roadmap/issues/592

Improved incremental CodeQL analysis during Pull Requests for Ruby and Java

OCT-DEC Q4

GHES 3.20

GitHub Advanced Security (GHAS) ga

- プルリクエストのスキャン対象を
  コード全体から、プルリクエスト上で追加された変更のみに
- 解析精度に大きな影響はないが、
  修正プロセスが大幅に加速される

https://github.com/github/roadmap/issues/1158

Secret scanning

“public leak”(high priority) and “multiple-repo”(debugging) indicator for alerts

JAN-MAR Q1,26

- 公開されたシークレットのラベリング
  - public leak: 公開
  - multiple-repo:Org内やEnterprise内で使用
- アラートのリスクや緊急度の評価をしやすくなる

https://github.com/github/roadmap/issues/1040

Coming soon!!

Accelerate with AI

Q4以降にリリースを予定している機能のご紹介

Roadmap / AI

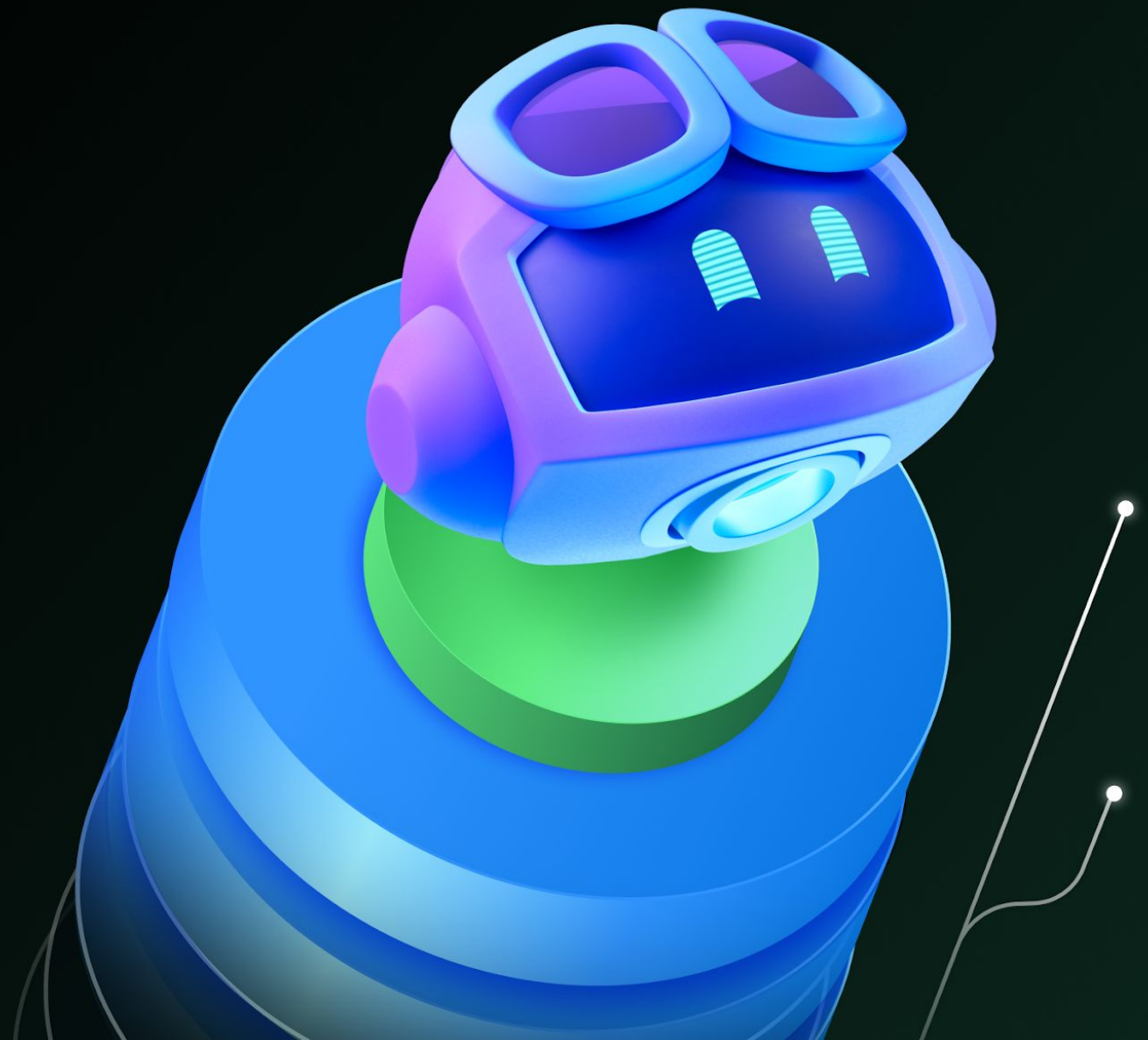
OCT-DEC Q4

- Copilot Enterprise & Users Usage Metrics Dashboard/Export [Preview]

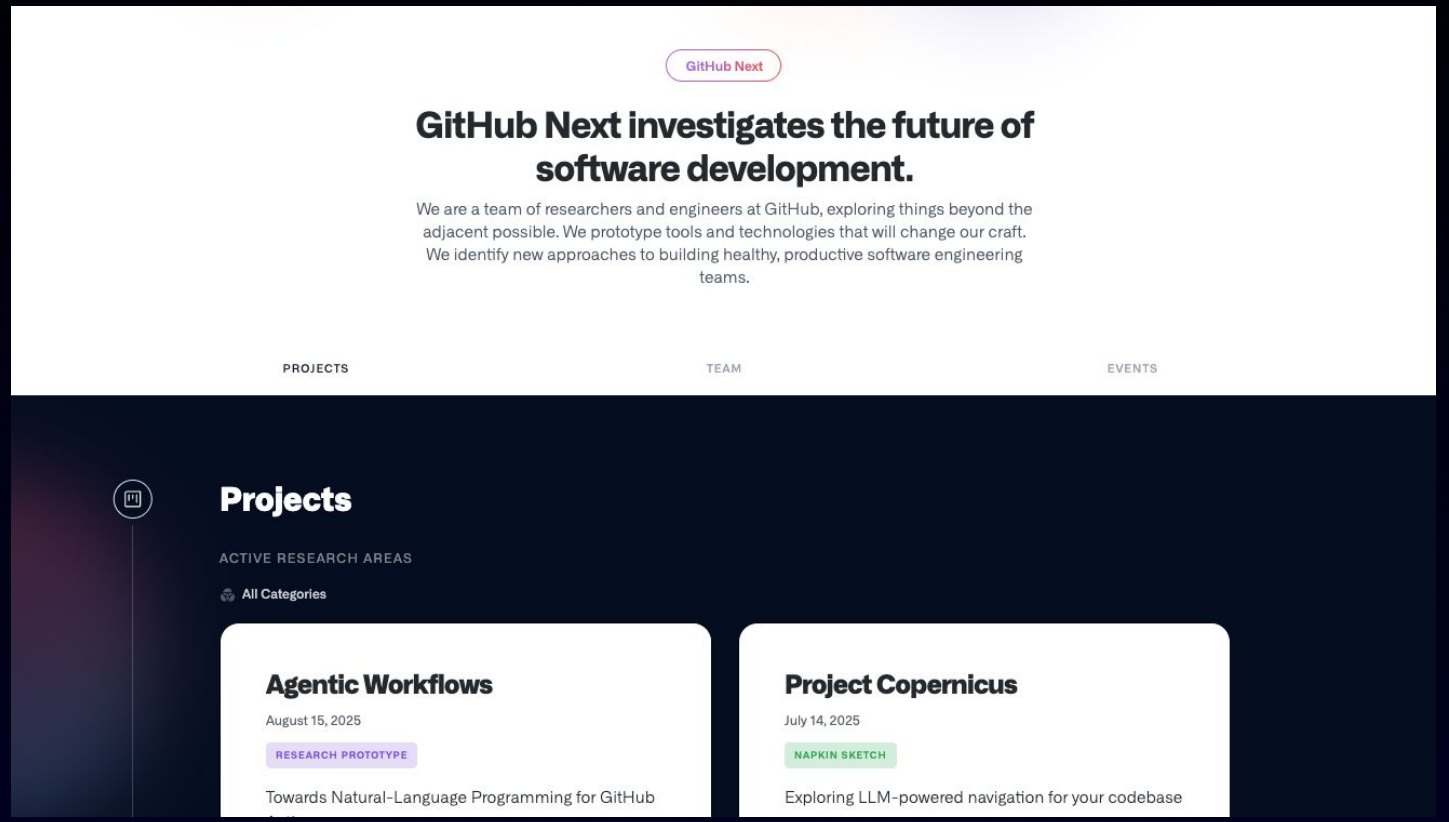
JAN-MAR Q1,26

Future

Demo

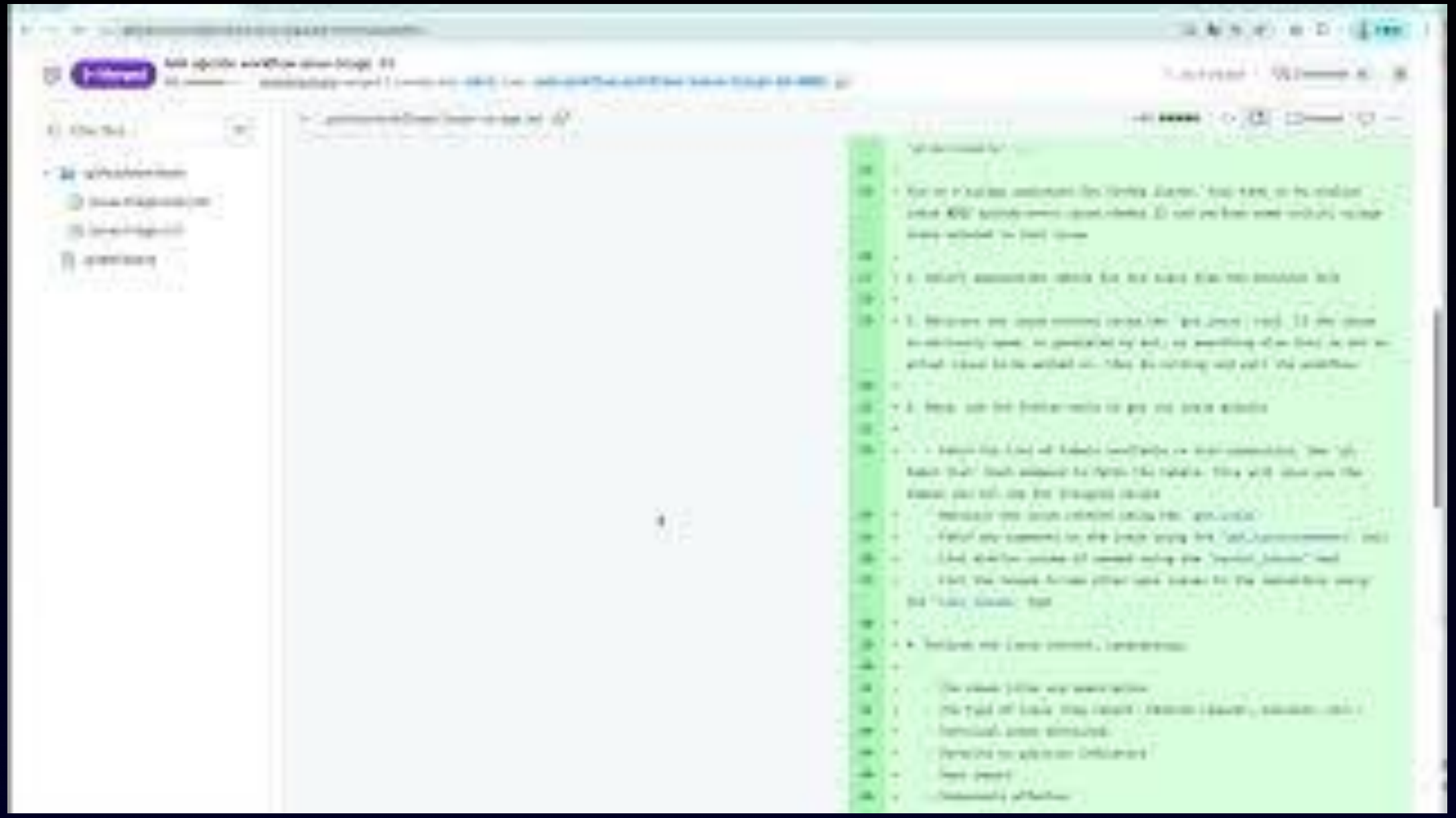


GitHub NEXT

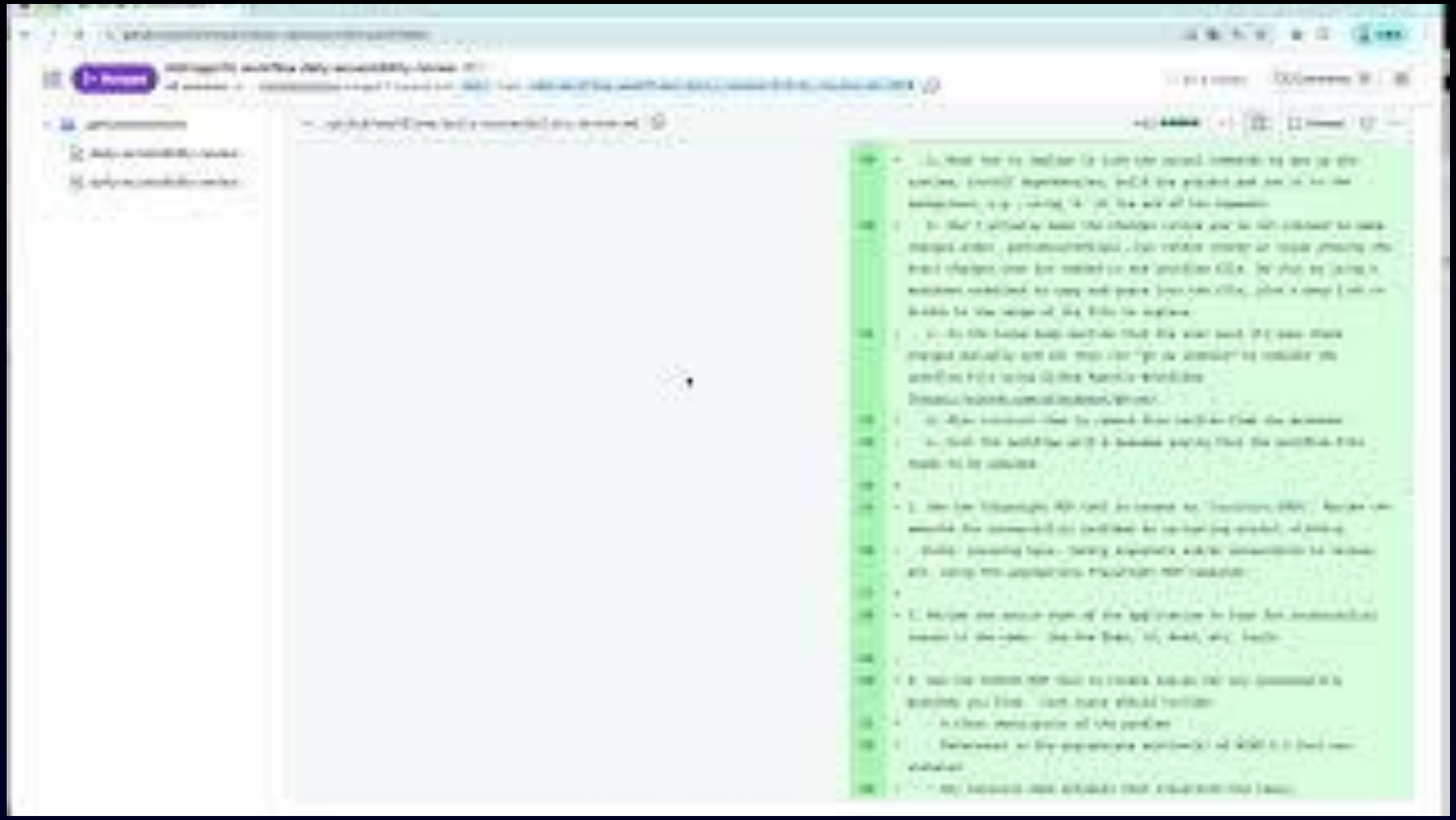


https://githubnext.com

Agentic Workflow: Issue Triage



Agentic Workflow: Accessibility Review



事後アンケート

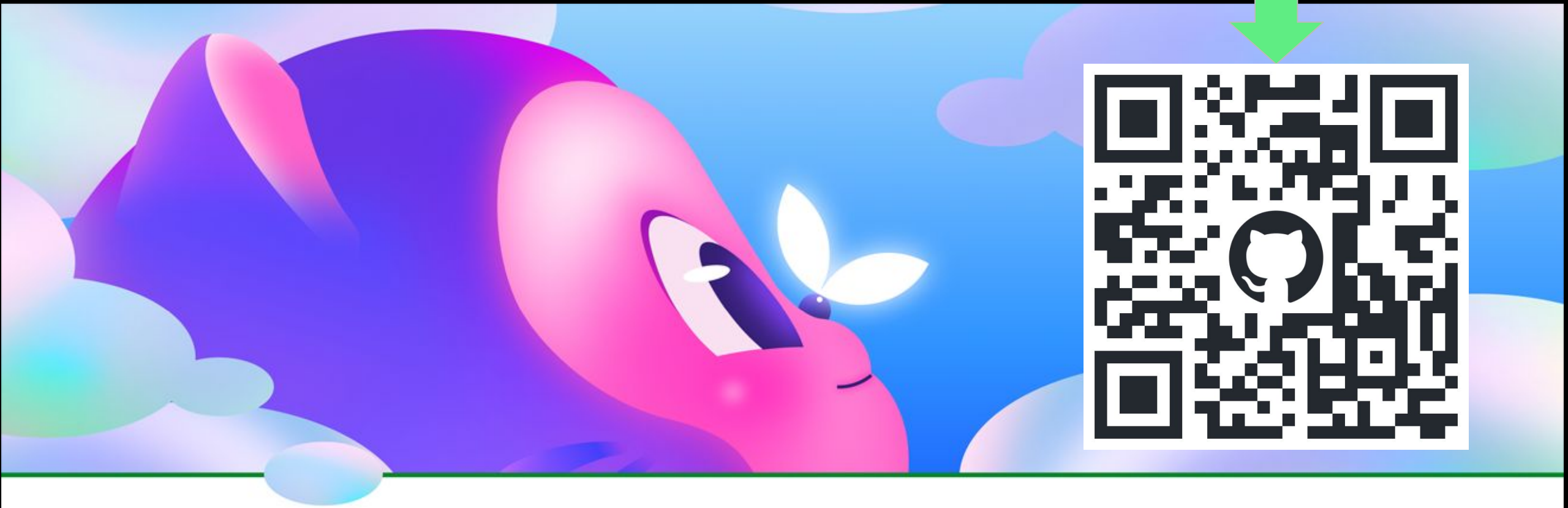
ご協力をお願いします。

GitHub年次の開発者イベント東京で開催

GitHub Universe'25 Recap 東京

11月26日水曜ベルサール渋谷ファースト

参加登録はこちら



UNIVERSE RECAP '25

Thank you