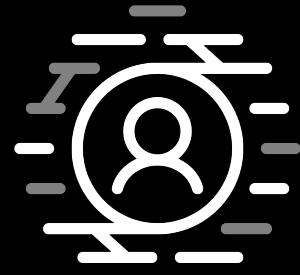
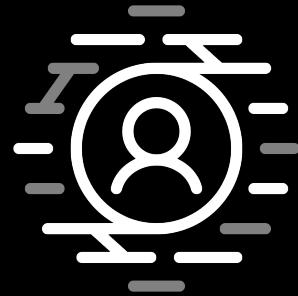


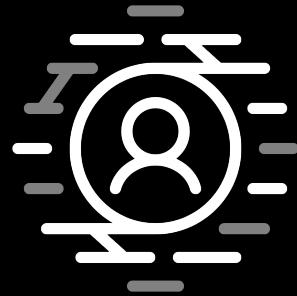
Catchup with GitHub Actions



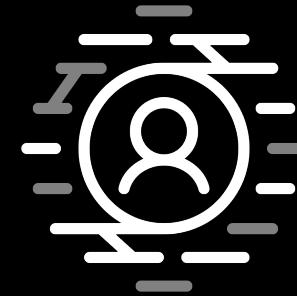
CD



Security



Enterprise
Server



Scale



GitHub Actions

125m+

Jobs per month

7,000+
Actions in GitHub
Marketplace

#1

Overall CI on GitHub



Actions GA on GHES 3.0

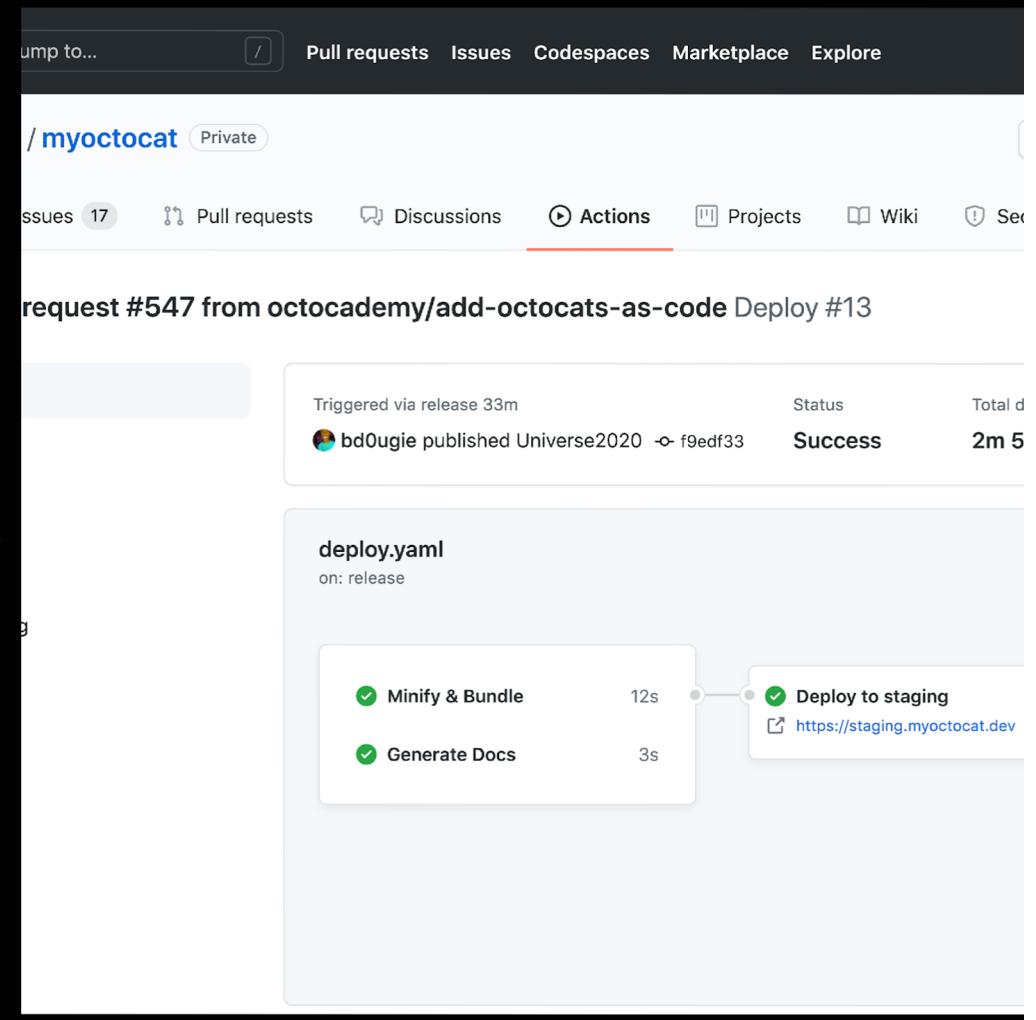
**Can't I CD with Actions
today?**

**Sure, but we think it can be
better.**

4 (ish) key new capabilities

Visualize

Track progress of complex workflows



Protect

Protected Environments
prevent unauthorized
deployments

The screenshot shows the GitHub interface for configuring environment protection rules. At the top, there is a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below the navigation bar, the repository name "e-2020" and the word "Internal" are displayed. A horizontal menu bar includes links for Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings (which is underlined, indicating it is the active tab). The main content area is titled "Environments / Configure Production". Under this title, there is a section for "Environment protection rules" with the sub-instruction "Environment protection rules can be used to configure manual approvals and time limits for deployments to this environment". There are two sections: "Required reviewers" (marked with a checked checkbox) and "Wait timer" (marked with an unchecked checkbox). The "Required reviewers" section contains a search bar with placeholder text "Search for people or teams..." and a result entry for "pied-piper-inc/release-engineers" with a delete "X" icon. At the bottom of the page is a "Save protection rules" button.

Secrets

Scope secrets to specific Environments

The screenshot shows the GitHub interface for managing environment variables. At the top, there's a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below that is a header for the repository 'uber-inc / universe-2020' (Internal). The main navigation bar includes Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings, with Settings being the active tab.

On the left, a sidebar lists various environment management options: Options, Manage access, Security & analysis, Webhooks, Notifications, Integrations, Deploy keys, Autolink references, Actions, Environments, and Secrets. The 'Environments' option is currently selected.

The main content area is titled 'Environments / Configure Production'. It features a section for 'Environment protection rules' which explains how they can be used to configure manual approvals and timeouts. It includes two checkboxes: 'Required reviewers' (which specifies people or teams that may approve workflow runs) and 'Wait timer' (which sets a time to wait before allowing deployments to proceed). A 'Save protection rules' button is located below these settings.

Below that is a section for 'Environment secrets', which states that secrets are encrypted environment variables accessible only by GitHub Actions. It shows a list of existing secrets: 'DEPLOY_KEY' (with a key icon) and '+ Add secret' (with a plus icon).

At the bottom of the page, there are footer links for © 2020 GitHub, Inc., Terms, Privacy, Security, Status, Help, Contact GitHub, and Pricing.

Track

Environments track the history of your deployments

The screenshot shows a GitHub repository interface for the repository "universe-2020". The top navigation bar includes links for Pull requests, Issues, Codespaces, Marketplace, and Explore. Below the repository name, there are links for Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings.

The main content area displays deployment history for two environments:

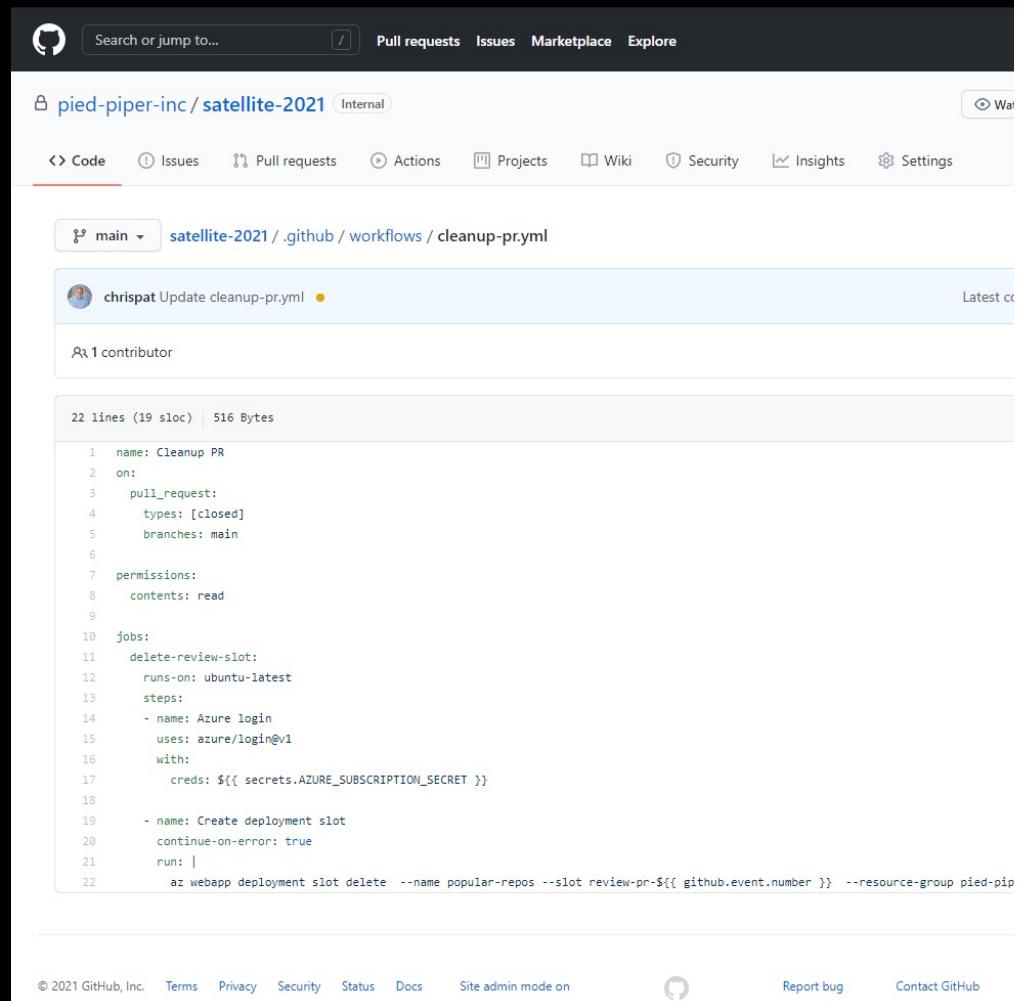
- Deployed to production:**
37cb453 was deployed by chrispat 9 minutes ago (Active)
- Deployed to staging:**
37cb453 was deployed by chrispat 10 minutes ago (Active)

Below these sections is an **Activity log** containing the following entries:

- production at 37cb453
Deployed by chrispat 9 minutes ago (Active)
- staging at 37cb453
Deployed by chrispat 10 minutes ago (Active)
- production at 37cb453
Deployed by chrispat 11 minutes ago (Inactive)
- staging at 37cb453
Deployed by chrispat 12 minutes ago (Inactive)
- production at 37cb453
Deployed by chrispat 16 minutes ago (Inactive)

Secure

Secure your workflows



A screenshot of a GitHub repository page for 'pied-piper-inc / satellite-2021'. The repository has 1 contributor. The main branch is 'main'. A file named 'cleanup-pr.yml' is displayed, showing a GitHub Actions workflow configuration. The workflow is triggered on pull requests for closed branches. It uses Azure login and runs on Ubuntu-latest. It creates a deployment slot and deletes it. The workflow file contains the following code:

```
name: Cleanup PR
on:
  pull_request:
    types: [closed]
    branches: main
permissions:
  contents: read
jobs:
  delete-review-slot:
    runs-on: ubuntu-latest
    steps:
      - name: Azure login
        uses: azure/login@v1
        with:
          creds: ${{ secrets.AZURE_SUBSCRIPTION_SECRET }}
      - name: Create deployment slot
        continue-on-error: true
        run:
          az webapp deployment slot delete --name popular-repos --slot review-pr-${{ github.event.number }} --resource-group pied-pip
```

At the bottom of the page, there is a footer with links to GitHub's terms, privacy, security, status, and documentation, along with a 'Site admin mode on' link and icons for reporting bugs and contacting GitHub support.



Demo

