

Open DevOps

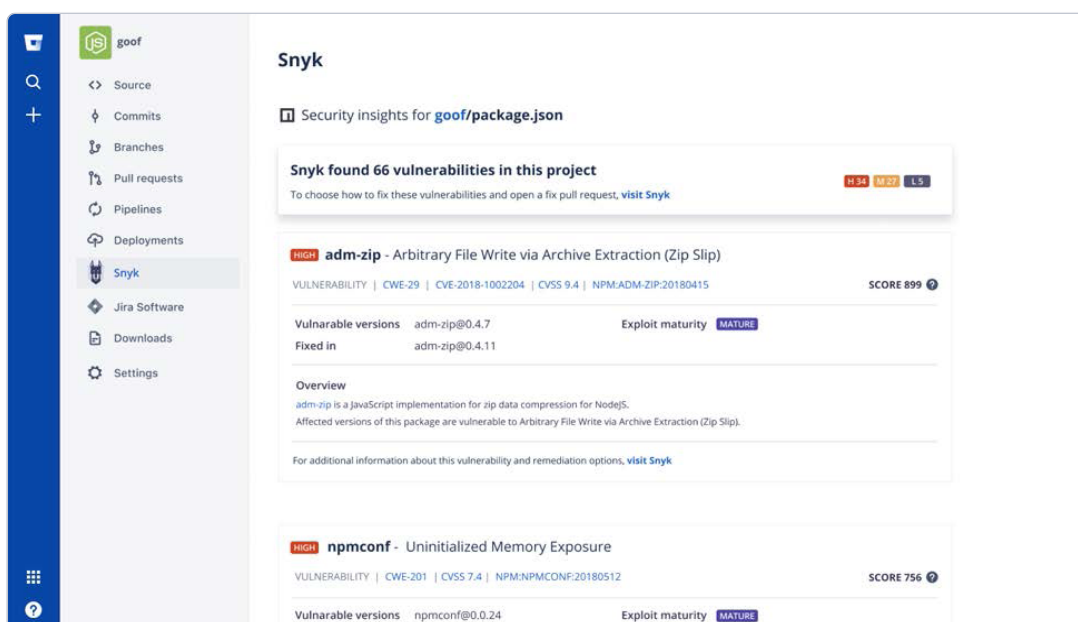
Mix and match Atlassian tools with other vendors to build great software



Connected tools

For teams building and operating their own services, Atlassian has laid the groundwork to start shipping and operating software with a preconfigured Jira project called “Open DevOps ” that combines Atlassian products and partner offerings. While the default DevOps project is built around Jira Software, Confluence, Bitbucket, and Opsgenie, teams can easily add the tools they want - such as GitHub or GitLab - with a single click! The tools in Open DevOps are automatically connected and ready to help you take your idea from backlog to operational code.

With Open DevOps, Atlassian has consolidated a toolchain that previously took dozens of steps to set up into six simple steps.



“ GitLab and Atlassian are both strongly committed to meeting the needs of our users. We’re proud of the work we’ve done together with GitLab and Jira integration. Our joint customers gain the autonomy to remain in their chosen context and tool, without sacrificing visibility or the ability to collaborate.

PATRICK DEULEY, SENIOR PRODUCT MANAGER, GITLAB

More visibility and better insights with Jira as the backbone

Each piece of work across both Atlassian and third-party tools – whether it’s an idea, commit, branch, or bug fix – is linked to a Jira ticket and ladders up into top-level visibility and insights.

- **Code in Jira:** Jira Software now integrates directly with Git repositories - including Bitbucket, Gitlab and GitHub. Simply include Jira issue keys when you’re pushing a change or merging a branch, and Jira will update itself instantly. Jira will automatically show repos on the Code tab ordered by the most recent update, so all your stakeholders can get a sense of what your team is currently working on.
- **Deployments in Jira:** Include the Jira issue key in your development work, and the Deployments tab will automatically populate with your deployments so it’s clear what value was shipped to customers and when. This works with any CI/CD provider, from Bitbucket Pipelines to leading tools like Gitlab, Jenkins, Azure DevOps, Circle CI, or JFrog.
- **On-call schedule in Jira:** If something breaks and someone needs to be paged, the On-call tab makes it a cinch to notify the right person via Opsgenie without asking who’s on call.
- **Pages in Jira:** In DevOps, culture matters as much as tools. With Confluence embedded in Open DevOps, teams can access battle-tested templates for best practices like change management, runbooks, and post-incident reviews.
- **Automation in Jira:** Teams can create powerful workflows across all their development tools with Jira’s automation engine, which keeps work in sync with development activity and saves time for everyone. With triggers like “When PR is merged,” automation can run rules that update Jira issues, send Slack/Microsoft Teams messages, and more.
- **Deployment frequency trends:** Jira automatically calculates how often your team ships value and how this trends over time, so you don’t have to manually coordinate across tools or bug your operations team.
- **Cycle time trends:** Since each piece of work in Open DevOps is tied to a Jira issue, Jira can provide insights into bottlenecks that help improve team performance. Teams that need deeper service operations and support capabilities can easily integrate Open DevOps with Jira Service Management.

Open approach

Since there's no one way to do DevOps, there's no one DevOps toolchain that works for all teams. In fact, an average of 10 tools are used to move an idea to production ([Atlassian 2020 DevOps Trends](#)).

Open DevOps has integrations with leading monitoring, testing, security, and feature flagging vendors - making it easier to get started with third-party apps. Easily customize and extend Open DevOps directly inside Jira with just a few clicks.

DevOps integrations

- **Security:** Code, build, and ship securely with our security partners. Monitor your code and get real-time visibility into any security issues that may arise prior to deployment.

Snyk

Security insights for `goof/package.json`

Snyk found 66 vulnerabilities in this project

To choose how to fix these vulnerabilities and open a fix pull request, [visit Snyk](#)

HIGH adm-zip - Arbitrary File Write via Archive Extraction (Zip Slip)

VULNERABILITY | CWE-29 | CVE-2018-1002204 | CVSS 9.4 | NPM-ADM-ZIP-20180415 | SCORE 899

Vulnerable versions adm-zip@0.4.7 | Exploit maturity **MATURE**

Fixed in adm-zip@0.4.11

Overview

adm-zip is a JavaScript implementation for zip data compression for NodeJS. Affected versions of this package are vulnerable to Arbitrary File Write via Archive Extraction (Zip Slip).

For additional information about this vulnerability and remediation options, [visit Snyk](#)

HIGH npmconf - Uninitialized Memory Exposure

VULNERABILITY | CWE-201 | CVSS 7.4 | NPM-NPMCONF-20180512 | SCORE 756

Vulnerable versions npmconf@0.0.24 | Exploit maturity **MATURE**

Featured partner:

Synk



- **Testing:** Reduce lead time and defects with apps and integrations that allow you to manage testing at every phase of the software development lifecycle.

The screenshot shows a Jira issue page for 'SMART-1' with the title 'Accept credit card payments'. The issue description is 'As a user, I would like to pay with a credit card so that I can purchase items online'. The acceptance criteria is 'payments accepted through all major credit card providers'. There are two linked issues: 'SMART-64 Payment with valid credit card' and 'SMART-65 Payment data data is obfuscated', both in 'BACKLOG' status. The right sidebar shows the issue's metadata: STATUS is 'Done', ASSIGNEE is 'Unassigned', REPORTER is 'Jonathan.Fortunati', DEVELOPMENT has a '+ Create branch' button, LABELS are 'None', TIME TRACKING shows 'No time logged', COMPONENTS include 'payment processing', and PRIORITY is not specified. The bottom of the page has an 'Activity' section with a 'Comments' dropdown and an 'Add a comment...' input field.

Featured partner:

SmartBear



Mabl



Xray



- **Feature flagging:** Increase deployments and reduce change failures by integrating feature flags with your Jira workflows. Automatically view feature flagging details on Jira issues and get a full picture of your features across deployments.

As a developer, I can update story and task s... / ONE-12

Give feedback

When the last task is done, the story can be automatically closed >> Drag this task to "Done" too

Add a description...

Comments

Arnold Trakhtenberg 2 months ago
To Do to In Progress 2 days 23 hours 43 minutes ago

Add a comment...

Status
In Progress

Assignee
Unassigned

Releases
Global Head Gauge **ON** 37%

Labels
None

Sprint
Sample Sprint 2

Fix versions
Version 2.0

Priority
Medium

Featured partner:

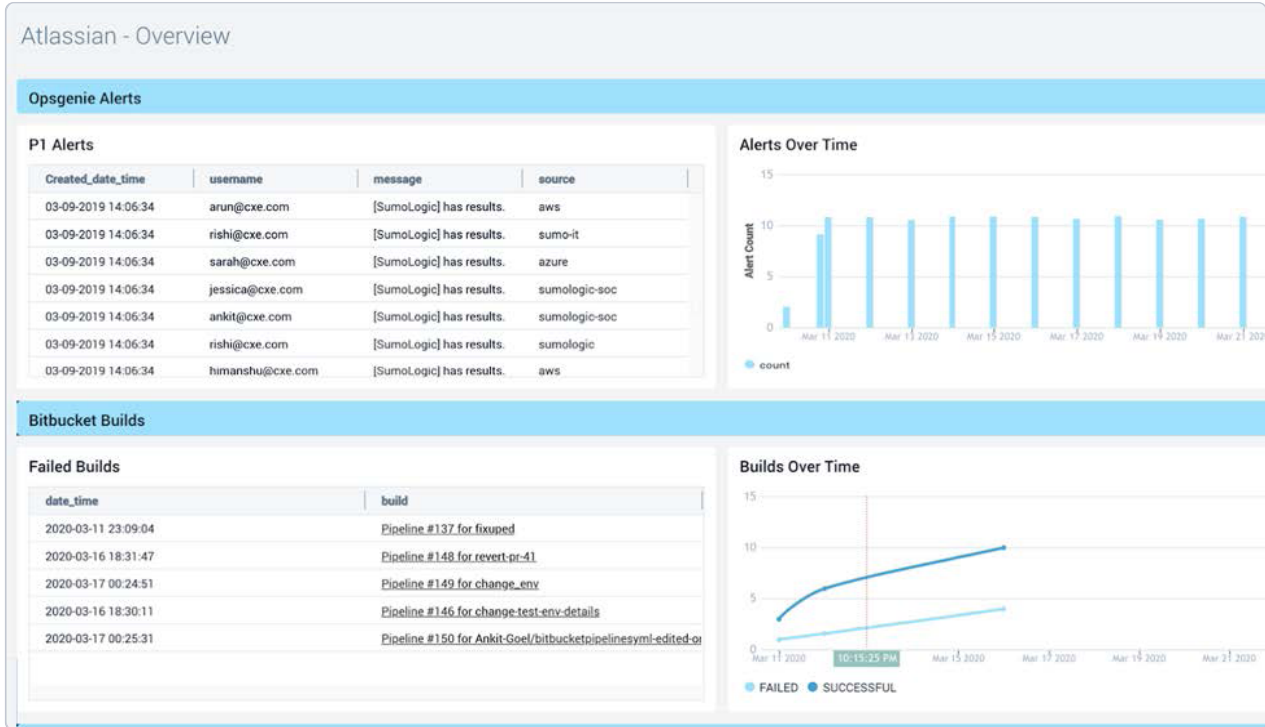
Launch Darkly



Split.io



- **Observability:** Reduce change failures with a complete view of your performance. Automatically surface performance issues in Jira, update, alert the right people, and resolve issues from within your observability tool.



Featured partner:

Datadog



Dynatrace



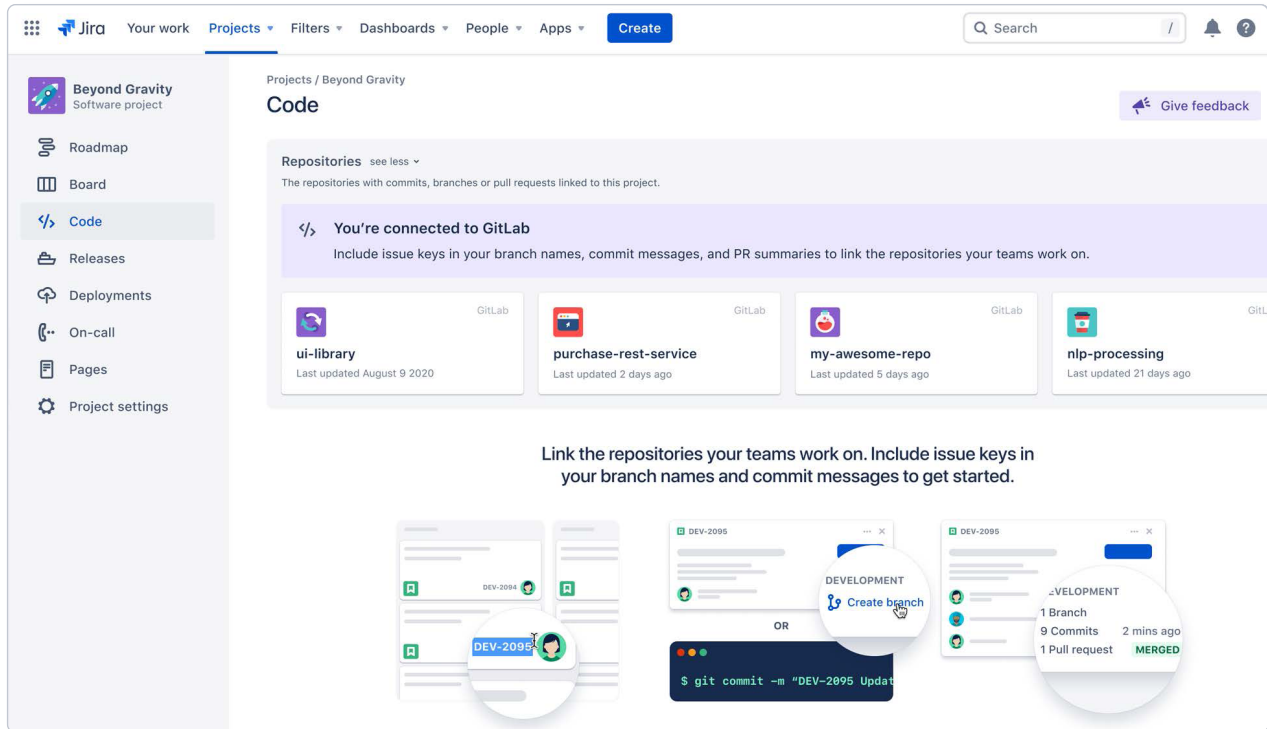
Sentry



Sumo Logic



- Code: Improve visibility and efficiency by connecting your code with your work in Jira Software. See active repos in the Code tab, and display related branches, commits, and PRs in the Jira issue development panel.



Featured partner:

Gitlab



- CI/CD: Know what value you're shipping to customers, when. Get a real-time view of where deployments are in the Deployments tab, whatever your CI/CD tool.

Featured partner:

CircleCI



JFrog



Harness

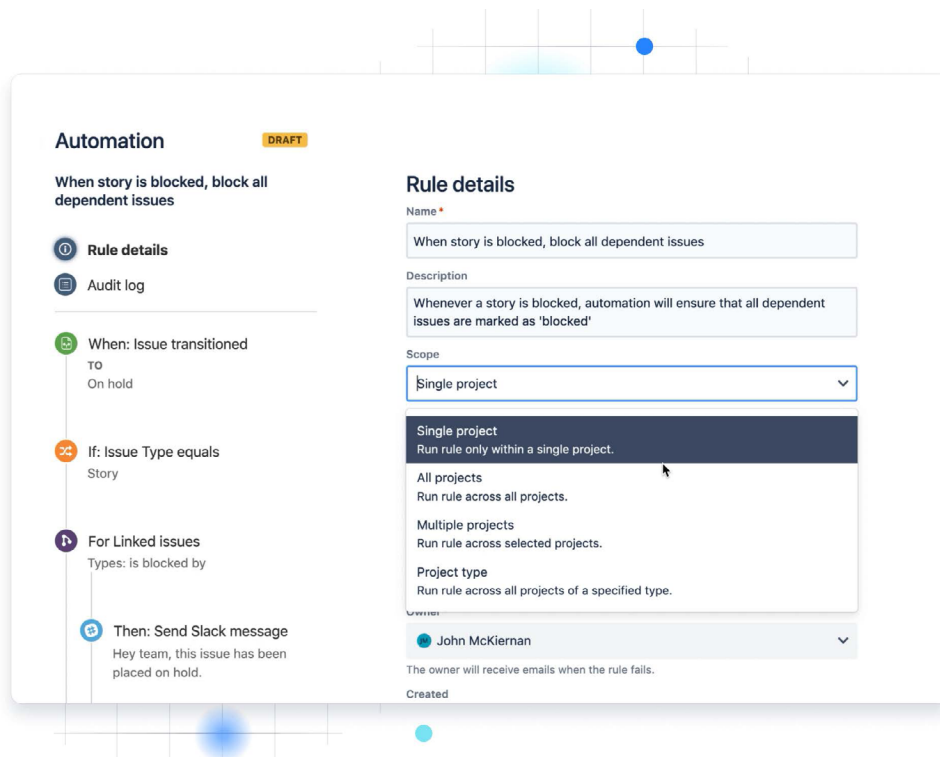


Codefresh



Automation

Create automated workflows on multiple tools with Jira Software's automation engine. Your team can work inside the tools they choose while Jira integrations provide real-time status updates.



“ Jira automation is indispensable. It saves my team a lot of time and building automations across all of our tools is simple and easy.

DAVID YU, JIRA ADMIN AT LYFT

Get started with Open DevOps.

Eliminate friction for your teams & allow them to use the tools they want.

Contact your local Solution Partner for a free trial, so your team can focus on building without compromise.