## Mattermost

# **Mattermost + Jenkins**

Messaging and collaboration across the CI/CD pipeline

Mattermost gives your team visibility and control across the full tool chain to orchestrate CI/CD workflows. With Mattermost your team can plan, organize, and run software development projects that are transparent to stakeholders, and seamlessly integrated with communication and collaboration tools.

| 👧 Demo Team 🔄         | ☆ Jenkins ∽  |
|-----------------------|--|
| @admin =              | Jenkins Server   User: admin   Pass: admin   Token: 1189da726f2cb/B58556009dea39041d88   |
|                       |  |
| Jenkins               |  |
|                       |  |
|                       |  |
|                       | Jenkins Plugin 801 10:26 PM (Only visible to you)  |
|                       | Validating Jenkins credentials   |
|                       | System 10:26 PM (Only visible to you)  |
|                       | Your Jenkins account has been successfully connected to Mattermost.  |
|                       | Jenkins Plugin NOT 10:26 PM  |
|                       | Initiated by Jenkins user: admin   |
| DIRECT MESSAGES +     | 1. Mattermost Notification Plugin - 2.7.0 - Enabled  |
|                       | 2. Jenkins SSH plugin - 2.6.1 - Enabled  |
| la surveybot 🕚        | <ol> <li>SCM API Plugin - 2.6.3 - Enabled</li> <li>Plain Credentials Plugin - 1.5 - Enabled</li> </ol>                               |
|                       | 5. Pipeline: API - 2.36 - Enabled  |
|                       | <ol> <li>Jenkins Apache HttpComponents Client 4.x API Plugin - 4.5.5-3.0 - Enabled</li> <li>JUnit Plugin - 1.28 - Enabled</li> </ol> |
|                       | <ol> <li>Junit Proget - 1.28 - Enabled</li> <li>Credentials Pluzin - 2.2.1 - Enabled</li> </ol>                                      |
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|                       | • 10-27 PM   |
|                       | admin (60) 10:22 PM  |
|                       | Mattermost/jenkins plugin: you're all set! (parameters: room='jenkins', icon='null', buildServerUrl='null')                          |
|                       | Jenkins Plugin Rot 10:27 PM F3   |
|                       | Initiated by Jenkins user: admin   |
|                       | Job 'MatterBuild' has been triggered and is in queue.  |
|                       | admin BOT 10.27 PM   |
|                       | 070  |
|                       | MatterBuild - #1 Started by user admin Open  |
|                       | 3 admin #01 10.27 PM   |
|                       |  |
|                       | MatterBuild - #1 🗹 Success after 80 ms Open<br>No Tests found,   |
|                       | Penkins Plugin #01 10:27 PM  |
|                       | Initiated by Jenkins user: admin   |
|                       | The second se                      |
|                       | Job 'MatterBuild' - #1 has been started<br>Build URL : http://54.92.185.247:8080/Job/MatterBuild/1/                                  |
|                       | ward and integration and an advant and approximately same of   |
|                       | Write to Jenkins   |
| Switch Channels - 36K |  |

## **Using Mattermost to Interact with** Jenkins

Mattermost lets your team use modern collaboration within your CI/CD workflow to centralize communication, save time, and increase visibility and transparency. With the Jenkins plugin for Mattermost, you can set up automatic notifications in Mattermost based on Jenkins activity and use slash commands to interact with Jenkins.

Interact with jobs via slash commands in Mattermost to:

Connect and disconnect with a Jenkins server



Interact with Jenkins jobs–create, trigger, enable, disable, or delete a job; abort a build or get build

logs; or get artifacts or test logs

Interact with plugins



Run ad hoc commands like safe restarts or get help

Install the plugin



## **Mattermost + Jenkins**

### **Why Mattermost**



#### Privacy

Mattermost's self-hosted deployment provides the benefits of modern communication while meeting stringent enterprise security and privacy requirements. Unlike with SaaS services, you maintain full ownership and control of company IP and customer data behind your own firewall or VPN.



Control

The Mattermost platform optimizes for control for your organization and your teams. Development teams can customize Mattermost, build workflows, and integrate systems to fit their needs, while admins get granular control over permissions and management.



Increase the ROI on existing software investments through integrations with other services and internal systems. Mattermost allows for unmatched customization with complete access to code, UI text files, APIs, and a wide array of samples.

### Trusted by development teams worldwide





SAMSUNG



Qualconn



MedinCell

### About Mattermost

Mattermost is an open source platform for secure collaboration across the entire software development lifecycle. Hundreds of thousands of developers around the globe trust Mattermost to increase their productivity by bringing together team communication, task and project management, and workflow orchestration into a unified platform for agile software development.