



Let's **=GO** for a new Mattermost integration

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DevOps Collabora
Sysadmin Productivity

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@wget

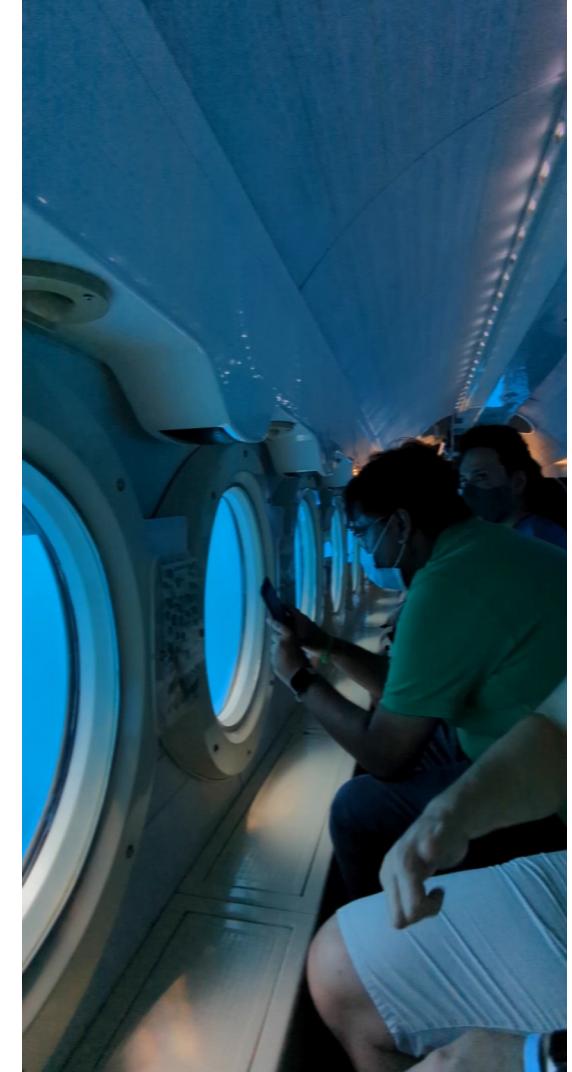


Back from the Mattermost conference in Barbados



In < 1 week

From 150 feet
deep
under water



To flying into a tube



Let's dig into an old code base...

A v1 dating from some time



- **Rough with just URLs as buttons**
- **No segmentation of access control for editing**
- **Old Go and framework versions (meaning doesn't build any more)**
- **Still using the old plugin API from Mattermost (problematic for Mattermost >7)**

How and why link an office suite to a chatops solution?

Mattermost is not only a chatops solution

Additional features to Channels

- Boards - Kanban like
- Playbooks: automation of tasks really useful for example for people in cybersecurity for incident response





Boards Staff Channels Playbooks Boards

Project Status Board

By Priority

| NAME | TEAM ↑ | PRI |
|---------------------|-------------|-----|
| P1 | 124 | + |
| P1 | 2 | + |
| Update License File | Engineering | P1 |
| Update License File | Engineering | P1 |
| P2 | 3 | + |
| Update License File | Engineering | P2 |
| Update License File | Engineering | P2 |
| Update License File | Engineering | P2 |

Octo Team Devops Innovation Projects Meeting Notes Project Status Board By Owner By Status By Priority QA Team Company Highlights By Due Date Events

Boards Staff Channels Playbooks Boards

Company Highlights

Events

Properties Filter

Team Session Hiking Summit

Oct 13, 2021 at 08:05 Jan 1, 2021 at 01:49 p



Collabora
Productivity

2022-10-05 11:41:11

Playbooks - Mattermost

https://mattercon.test.collaboraoffice.com/playbooks/playbooks

4

Playbooks

COOL Days +

RUNS

View all...

PLAYBOOKS

@curl's Product Release

View all...

Blank

Start with a blank state and create your own masterpiece.

Create playbook

Product Release

Perfect your release process from ideation to production.

Mattermost

Incident Resolution

Resolving incidents requires speed and accuracy. Streamline your processes for rapid response and resolution.

Mattermost

Customer Onboarding

Create a standardized, smooth onboarding experience for new customers to get them up and running quickly.

Mattermost

Employee Onboarding

Set your new hires up for success with input from your entire organization, in one smooth process.

Feature Lifecycle

Create transparent workflows across development teams to ensure your feature development process is seamless.

Bug Bash

Customize this playbook to reflect your own bug bash process.

RECOMMENDED FOR BEGINNERS

Learn how to use playbooks

New to playbooks? This playbook will help you get familiar with playbooks, configurations, and playbook runs.

BUT...

**Collabora Online is not only for
collaborative editing**

And this is COOL ;)



2022-10-05 11:46:01

https://mattercon.test.collaboraoffice.com/mattercon Collabora Productivity 4+

Threads

CHANNELS

Off-Topic

Town Square

DIRECT MESSAGES

Invite Members

Search

Thread Town Square Follow

September 25

wget 7:09 PM

Hello world 😊

This is the schedule 😊

2022-09-13-ordre-du-jou... ODT 63KB

Some file from pages 😊

Pages.pages PAGES 86KB

This is a keynote 😊

Keynote.key KEY 432KB

System 7:14 PM

@curl added to the team by you.

wget 10:25 AM

this is a test.odt

Write to Town Square

File previews...

The screenshot shows a desktop environment with a purple sidebar on the left containing the 'Collabora Productivity' logo and navigation links for 'Threads', 'CHANNELS', 'DIRECT MESSAGES', and 'Invite Members'. The main window displays a messaging interface for the 'Town Square' channel. A message from 'wget' at 7:09 PM includes a file preview for '2022-09-13-ordre-du-jou...' (ODT 63KB). Another message from 'wget' at 7:14 PM shows a file preview for 'Pages.pages' (PAGES 86KB) and 'Keynote.key' (KEY 432KB). A message from 'System' at 10:25 AM shows a file preview for 'this is a test.odt'. The interface includes standard messaging features like reply, forward, and delete buttons, along with rich text editing tools at the bottom.



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A new Mattermost plugin architecture

[Get started](#)[+ Webhooks](#)[+ Slash commands](#)[+ Apps](#)[+ Plugins](#)[+ Customize and embed](#)[Examples](#)[Frequently asked questions \(FAQ\)](#)[+ Reference](#)[Integrate with Zapier](#)

Mattermost Apps

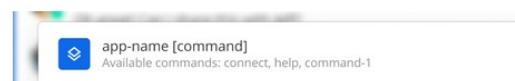
[Edit on GitHub](#)

Apps are lightweight, interactive add-ons to Mattermost which can be hosted as HTTP services, or as serverless functions on AWS Lambda, OpenFaaS, Kubernetes, etc. to run without dedicated infrastructure. Apps can:

- Display interactive, dynamic modal forms and message actions.
- Be written in any language.
- Attach themselves to locations in the Mattermost user interface (e.g. channel bar buttons, post menu, channel menu, commands), and can add their custom slash commands with full autocomplete.
- Receive webhooks from Mattermost, and third-parties, and use the Mattermost REST APIs to post messages, etc.
- Work on both Mobile and Desktop clients so developers can focus on the functionality of their apps.
- Be deployed using our serverless hosting infrastructure keeping data secure and supporting scalability by being stateless.
- Include dynamic fields, code as an on-demand function, and interactive modals.

When you develop using the Apps Framework, your apps can:

- Create slash commands



<https://developers.mattermost.com/integrate/apps/>

[Get started](#)[+ Webhooks](#)[+ Slash commands](#)[+ Apps](#)[+ Plugins](#)[+ Customize and embed](#)[Examples](#)[Frequently asked questions \(FAQ\)](#)[+ Reference](#)[Integrate with Zapier](#)

Mattermost Apps

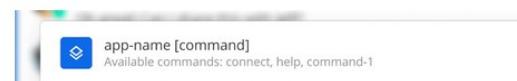
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Differences with plugins :

Mattermost Apps are tailored to work on mobile and desktop without hassle :)

**File locking + S3 storage
improvement and...
fixing regressions...**

Many thanks to
Chetanya Kandhari

DEMO



Thanks !

By William Gathoye



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