

FlockOS Overview

World's First Chat Operating System

FlockOS enables developers to build apps, bots and integrations on top of [Flock](#), the #1 team messenger.

Apps are a first class citizen in Flock, and FlockOS allows your apps to blend seamlessly with the native Flock experience.

Features

With FlockOS, your apps can

- [Send Messages](#) and [Attachments](#) to Flock groups and users. For example, the GitHub app sends configurable notifications to any Flock Group. The Todo app notifies your group whenever a task is completed.
- Configure a [Bot](#) to send directed messages to users like the Reminder bot, which sends a reminder message at a scheduled time.
- Add an [Attachment Picker](#) to the Attachment Picker bar. For example, the Poll app adds a button to the Attachment bar that allows a user to create and send opinion polls in Flock
- Add a [Chat Tab Button](#) to the Chat tab bar. The Todo app adds a button to the Chat tab bar, which pops up the sidebar widget and shows the various tasks of the team
- Add [Widgets](#) to Flock desktop and mobile clients. These include the modal widget, the sidebar widget and the attachment widget. Apps such as the Poll app, Todo app and others use these widgets to provide an amazing GUI for their apps
- Setup a [Slash Command](#) to receive commands from the user. For example, the `/video` slash command creates a video conference room and displays its URL in the group
- Setup a [Launcher Button](#). For example, the ToDo app uses the App Launcher button to display a list of todos.
- Receive specific URLs to generate [URL Previews](#). For example, the Google Drive app subscribes to all URLs starting with drive.google.com to provide a rich preview back.

Tutorial

The easiest way to get started with FlockOS development is to go through [the tutorial](#) on building a FlockOS app from scratch.

Further Reading

- [Creating an App](#) explains how to setup an app in the developer dashboard and handle installs.
- Pick any of the features under [Messaging](#) or [Integrations](#) and add them to your app.
- You can test the app at anytime by [installing it](#) into your own Flock account.
- Finally, [publish your app](#) to allow others in your team to install it.
- If you want to publish it for every Flock user, please [get in touch with us](#).

API Reference

While building your app, you can go through our API reference here:

- [Methods](#)
- [Events](#)
- [Objects](#)
- [FlockML](#)
- [flock.js](#)
- [Event Tokens](#)