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## What do you mean by EmbeddedChat?

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| 7tech.co | News Reviews & Advice  | Business Tech Online Se  | ecurity  |  |                |
|          | been a regular contributor to Mark   | Anthropology at University College I<br>cet Finance's blog and has also spent<br>ter, Isobel takes a particular interest<br>terging business technology. | time working as a                                  |  |                |
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|          | Explore More   |  |  | See all news   |                |
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|          | Microsoft Teams<br>Improves Video Chat<br>Functionality                        | President Joe Biden<br>Has a Better Zoom<br>Setup Than You   | You Can Now<br>Livestream Google<br>Meet Events on | Microsoft Viva Engage<br>Is Basically Facebook<br>for Work |                |
|          | A Teams update, coming this month, should fix one of the                       | President Joe Biden<br>reportedly uses a \$7,000<br>Zoom setun for   | YouTube<br>The new functionality is                | The new app has community<br>forums, timeline posting,     |                |

import { RCComponent } from '@rocket.chat/embeddedchat'

<RCComponent moreOpts={true} width="100%" height="35vh" GOOGLE\_CLIENT\_ID={GOOGLE\_CLIENT\_ID} host={ROCKETCHAT\_HOST} roomId={ROCKETCHAT\_ROOM\_ID} channelName="general" anonymousMode={true} headerColor='#F5455C'

### Problems that we are targeting to solve

- Rocket. Chat integration into any web app
- No more iframe UI leaks
- No more heavy fetch requests
- Provide a custom in-app chat solution
- Lightweight setup
- More engagement
- Persistence of chat

"EmbeddedChat ensures organizations use their valuable time building their product and leave RocketChat with the stress to provide them with a powerful chatting solution."







### **Sidharth Mohanty**

RocketChat - 11 months

Rocket.Chat, RC4Community, Rocket.Chat.js.SDK, EmbeddedChat



### Rohan Lekhwani

RocketChat ~ 2 years now! GSoC'21 @Rocket.Chat Ex-SWE @Gojek

Awesome mentor!





### About the "component"

Made using RocketChat.js.SDK, fuselage and Rocket.Chat API

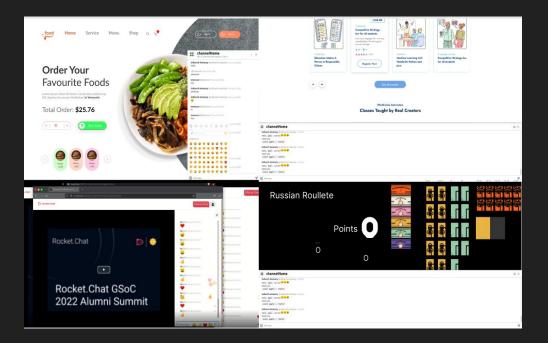


Documented every part of EmbeddedChat in detail at: <a href="https://github.com/RocketChat/EmbeddedChat/wiki">https://github.com/RocketChat/EmbeddedChat/wiki</a>





### EmbeddedChat in action and use cases



### Be it,

- your store where you want to give your loyal customer discounts
- Or games where you want to increase engagement
- Or your online classroom where you want to share docs
- Or even virtual conferences where you want to integrate chat





# Realtime chat functionality + EmojiPicker!

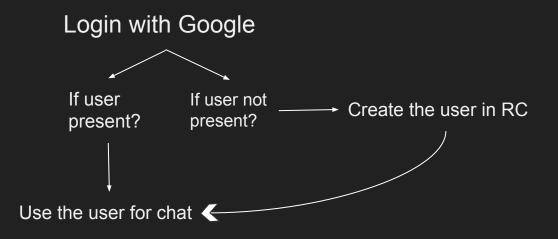
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### Why Google Single-Sign-On Auth?



This meant:

- No registration!
- No remembering of your passwords!
- No redirects!



# Pinning and Starring of messages

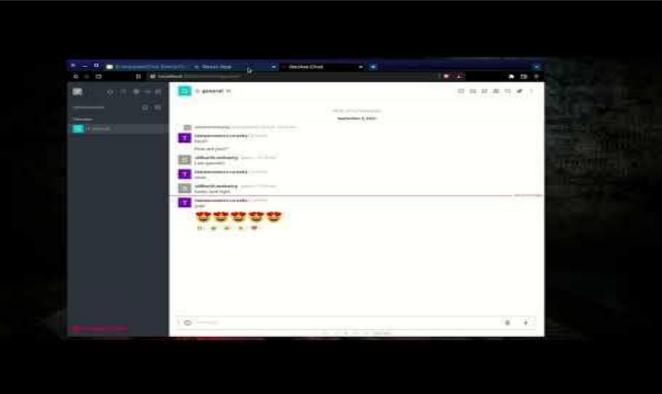
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### Reactions to messages

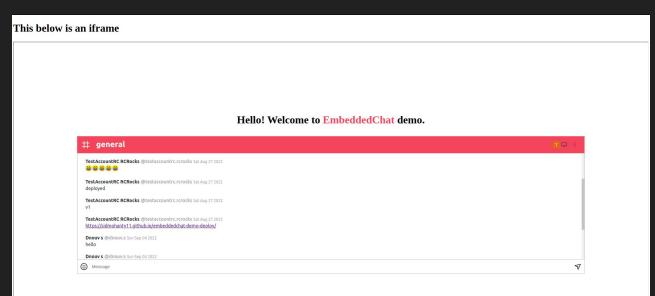




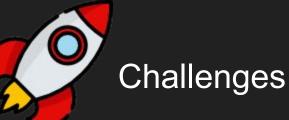


## Just for React.js? Nope.

- Use it as an iframe in any framework of your choice!







- Google SSO Authentication making a Google popup component, handling login/creation of users using a single click, handling usernames etc.
- Parsing of emojis in the text input itself and making sure that it is compatible with RC emojiset(Emojione).
- Learning about subscription model, websockets and Rocket.Chat.js.SDK to integrate real time chat functionality.
- Handling of different attachments
- Handling pinning, starring and reacting to messages and reactively updating state for better UX.



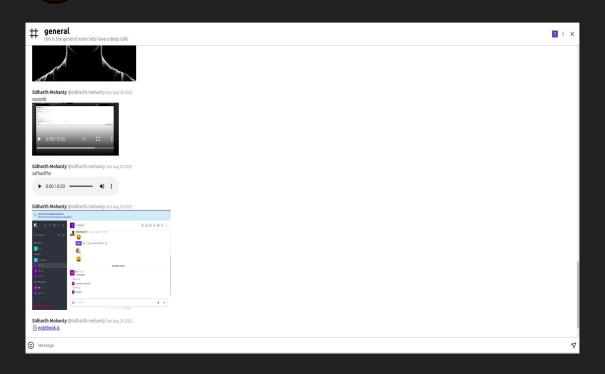


- Creating a React.js component library.
- Rocket.Chat API and SDK.
- Emojis
- Google API
- Browser Cookies





### What's Next?



Handling of AttachmentsTHREADS!!!!





# Thanks! Questions?



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