

Webinar APIs

December 21, 2020

Free and Open Source Web Conferencing Solutions

S.No	Name	Download Recording	Max. Participant	No. of webcams	Screen Sharing
1	Big Blue Button	Premium Only	100	15-25	Yes
2	Open Meetings	Yes	100	0	Yes
3	Jitsi	Yes	1000	75	Yes
4	Zoom	Yes	100	100	Yes
5	Zoho	Yes	25	25	Yes

So After I researched many of the web conferences solutions that are open source do not provide **much functionality** and require **paid versions** to extend the limit of users to **1000**.

But the Jitsi is the only one which can give 1000 participants in their free version.

Goals

1. **Which platform is most economic or free for requested features?**

According to me, **Jitsi meet** is free for the requested features. Also, we can create a simple **firebase integration** through our app to **register for webinars** and will get a link to join the webinar when a **host** starts it.

2. Which platform is secure and responsive?

Jitsi meet uses **end-to-end encryption** which can be enabled in settings and is a secure method.

3. Which one is most easy to integrate within our application and How?

Jitsi is the easiest way to integrate it into our **application**, we can use a **free web hosting** service.

It can be embedded as a **website** link on our app and it can be hosted on any free **web hostings** like [000webhost](#), [infinityfree](#).

Some free open source web conferencing solutions

Below mentioned softwares are **free** but have so **many limitations** like they can support only up to **100 participants** and are very much **complicated** to integrate into our **app** as most of them **doesn't** provide **APIs** and **documentation**.

Free and Open Source Web Conferencing Software Solutions								
	Big Blue Button	Open Meetings	ezTalks Cloud Meeting	Jitsi	Mconf	Jami	Linphone	Riot
Video Conference Supported	✓	✓	✓	✓	✓	✓	✓	✓
Download Recordings	For Premium Tier Versions Only	✓	✓	✓	✓	✓	✗	✗
No of Webcams Shared	15-25	NA	100	2-200	Unlimited	Unlimited	Multiple Devices Support	NA
Desktop/Screen Sharing	✓	✓	✓	✓	✓	✓	✓	✓
GDPR Compliant	✓	✓	✓	✗	✗	✗	✗	✗