

Jitsi

Jitsi is a free and open-source multiplatform voice (VoIP), video conferencing for the web platform. ([reference](#))

To enable the Jitsi Meet API in our angular application we need to:

1. add Jitsi Meet Javascript library in index.html file.

- For Self Hosted Jitsi:

```
<script src='https://<your-domain>/external_api.js'></script>
```

- For meet.jit.si:

```
<script src='https://meet.jit.si/external_api.js'></script>
```

2. Specify the domain when calling JitsiMeetExternalAPI.

```
domain: string = "meet.jit.si"; // For self hosted use  
your domain
```

```
this.api = new JitsiMeetExternalAPI(this.domain,  
this.options);
```

3. We need to define in the options object values as (

- **roomName:** The name of the room.
- **width & height:** The with & height for Jitsi Iframe
- **parentNode:** the parent where we are injecting the Jitsi Iframe.

4. To handle events related to JitsiMeet we can specify the event and the function that contains the implementation for handling it

```
this.api.addEventListener({  
    participantLeft: this.handleParticipantLeft,  
    participantJoined: this.handleParticipantJoined,  
    videoConferenceJoined:  
this.handleVideoConferenceJoined,  
});
```

This example will handle events such as participantLeft etc...

If we need custom controls then we need to create a handler for emitted events.

```
this.api.executeCommand(command);
```

5. To host Jitsi on Docker visit this [link](#)