

### **Zoom API Library (Java version: 11.0.7 Maven version: 3.6.3)**

Our bot exercises the API calls to all the 14 calls of the Chat Channels and Chat Messages.  
(Locate “OAuthBot.java” for source code in “~/zoomapi/src/main/java/com/app/bots”)

- Follow the format of “bot.ini.example” to create your own “bot.ini” file. (Locate file in “~/zoomapi/src/main/resources”)
- Open terminal and execute “ngrok start --none”
- Open **another** terminal, change directory to the root folder and execute “mvn clean install” followed by “mvn exec: java”.
- Type in your credentials in the Zoom user login page.
- **User’s current channel list** will be displayed in the terminal.
- Open Zoom app simultaneously to view the changes in the chat tab.
- **Create a new channel** functionality has been tested with a default mail address. Notice the change in the app.
- **Invite new members** functionality has been tested with a default mail address to the above channel. Notice the change in the app.
- **List of members** in the channel will be displayed.
- **Update the above channel** with a new name. Notice the change in the app.
- **Get channel details** will be displayed.
- Enter a **message to send** to this channel. Notice the change in the app.
- **List of messages sent** to the Channel from the existing bot user to the above channel will be displayed.
- Enter a **message to update** the previously sent message. Notice the change in the app.
- Above **message will be deleted**. Notice the change in the app.
- **Remove a member** functionality has been tested with a default mail address. Notice the change in the app.
- Bot user will **leave the above Channel**. Notice the change in the app.
- Bot user will **join the above Channel**. Notice the change in the app.
- As you won’t be the admin of the above channel once you leave, we create a new channel to test deleting. Enter the name of the channel and a default mail address is used.
- Newly created **Channel will be deleted**. Notice the change in the app.

*Note:*

1. *The use of “Thread.sleep()” statements over the program is to moderate appropriate timing to notice the changes in the app corresponding to the console, the program works efficiently in absence of these as well.*
2. *The use of ngrok session is limited to two redirects. Please restart ngrok to establish tunneling if the limit is exceeded.*