



TangoFX Sessions

[TangoFX Sessions](#) is the WebRTC based communication tool built entirely on open standards making it extensively scalable. The underlying API completely masks the communication aspect and lets the user enjoy an interactive communication session. It also supports easy to build widgets framework which can be used to build applications on the TangoFX platform .

This manual clarifies the two aspects of TangoFX which are installing TangoFX extension and using TangoFX extension with the widgets it is supplied with.

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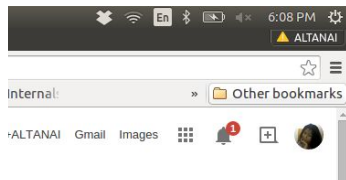
How do you install from Chrome Web Store ?

Sign with with office account and goto <https://chrome.google.com/webstore>.
You shall see TFX extension under “Above Apps “ sections .
Install it by clicking the “ + Free” button .

TFX will be installed besides the address bar of your chrome browser.

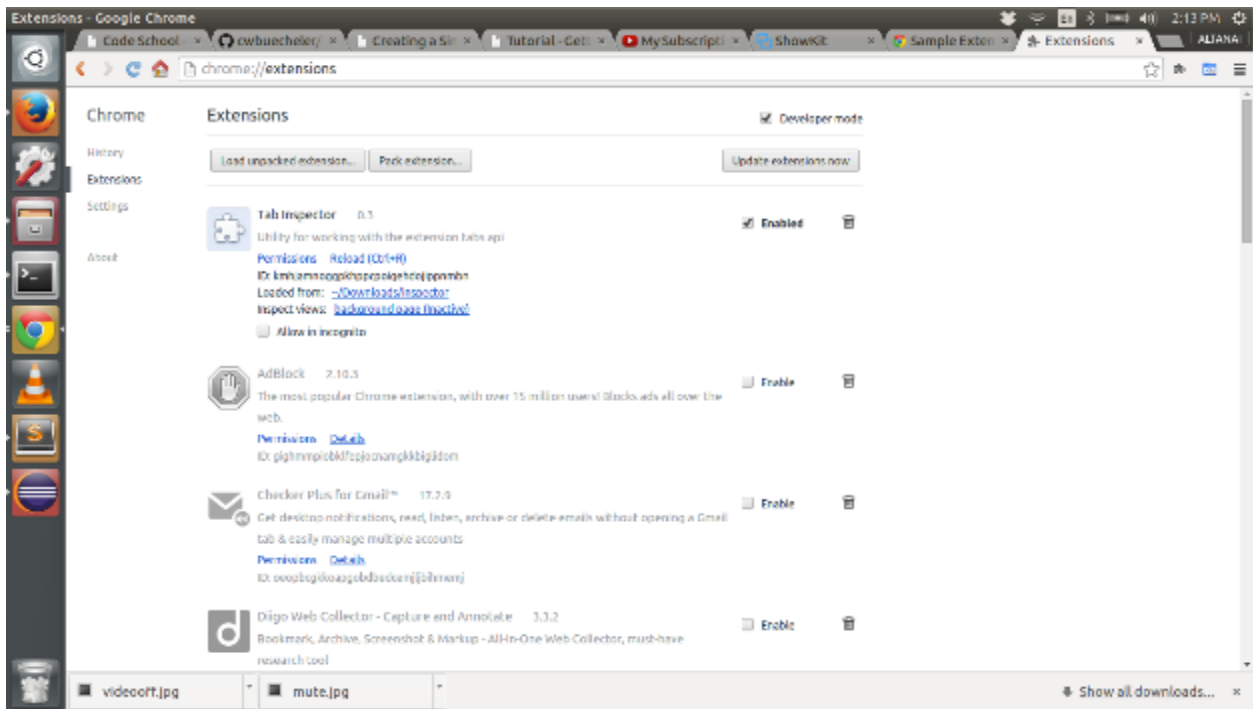
How do you install TangoFX Extension from ZIP?

1. Extract the contents from the ZIP folder.
2. Go to the Google Chrome browser and click on the “Customize and control Google chrome icon“

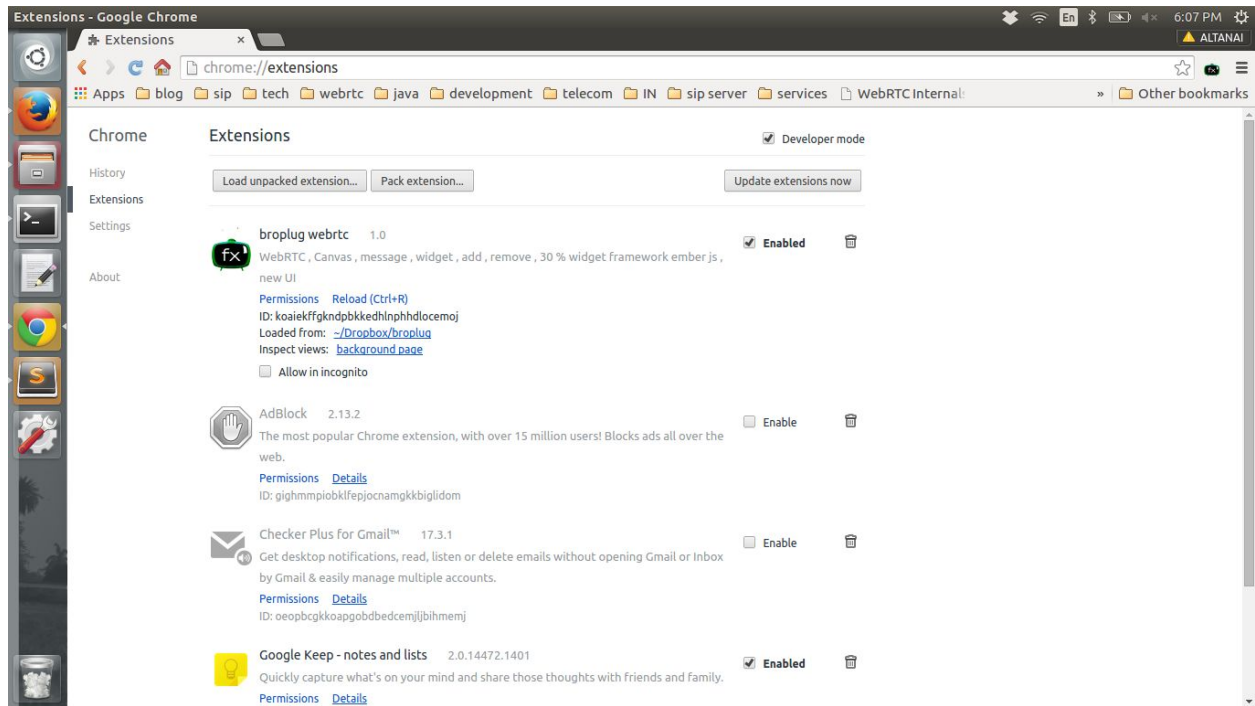


3. Go to the Settings menu item

4. From the settings page, click on the extension from the left hand panel



5. Click on “Load an unpacked extension“ and browse to the location of the TangoFX extracted folder.
6. Once the extension is loaded, it will appear in the Chrome extension list.
7. The TangoFX icon should appear alongside the address bar on the Chrome browser.

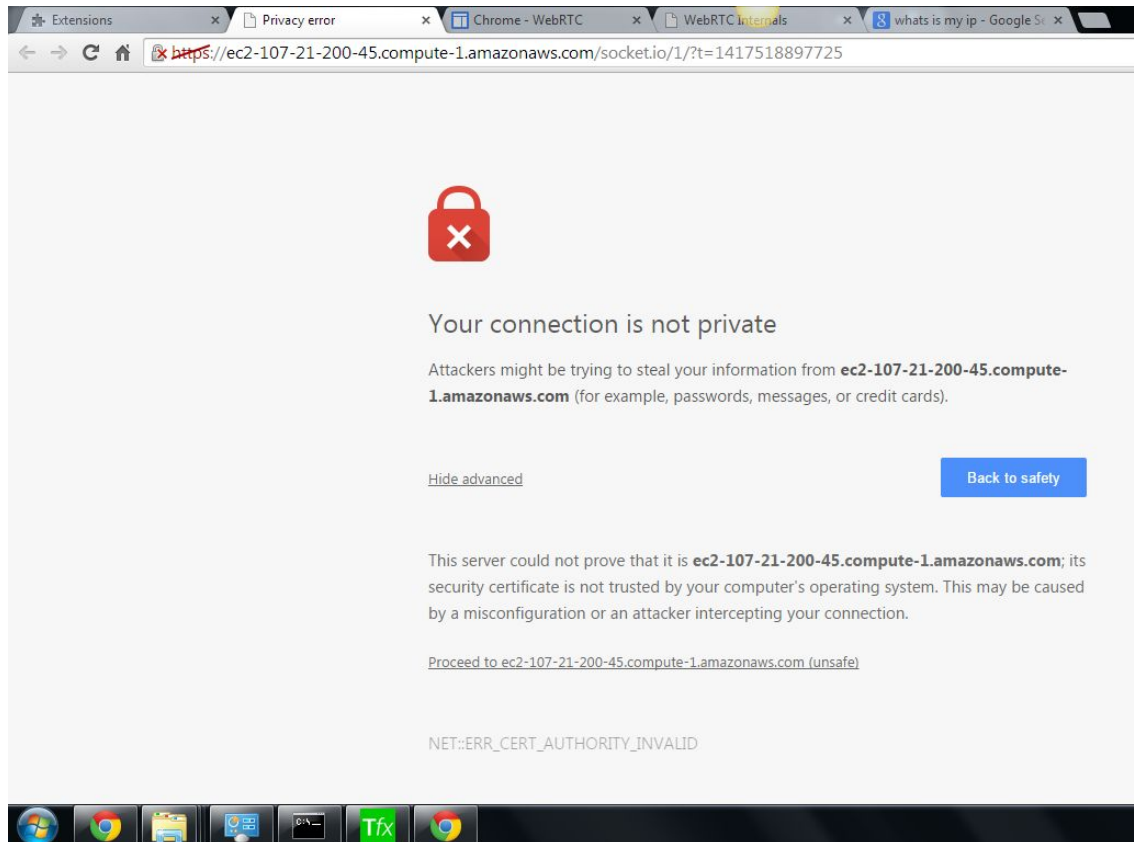


8. Congratulations TangoFX has been successfully installed!

How do you run TangoFX?

1. Goto <https://ec2-107-21-200-45.compute-1.amazonaws.com/> and allow the security certificate by going to advanced options and hitting Allow Permission.

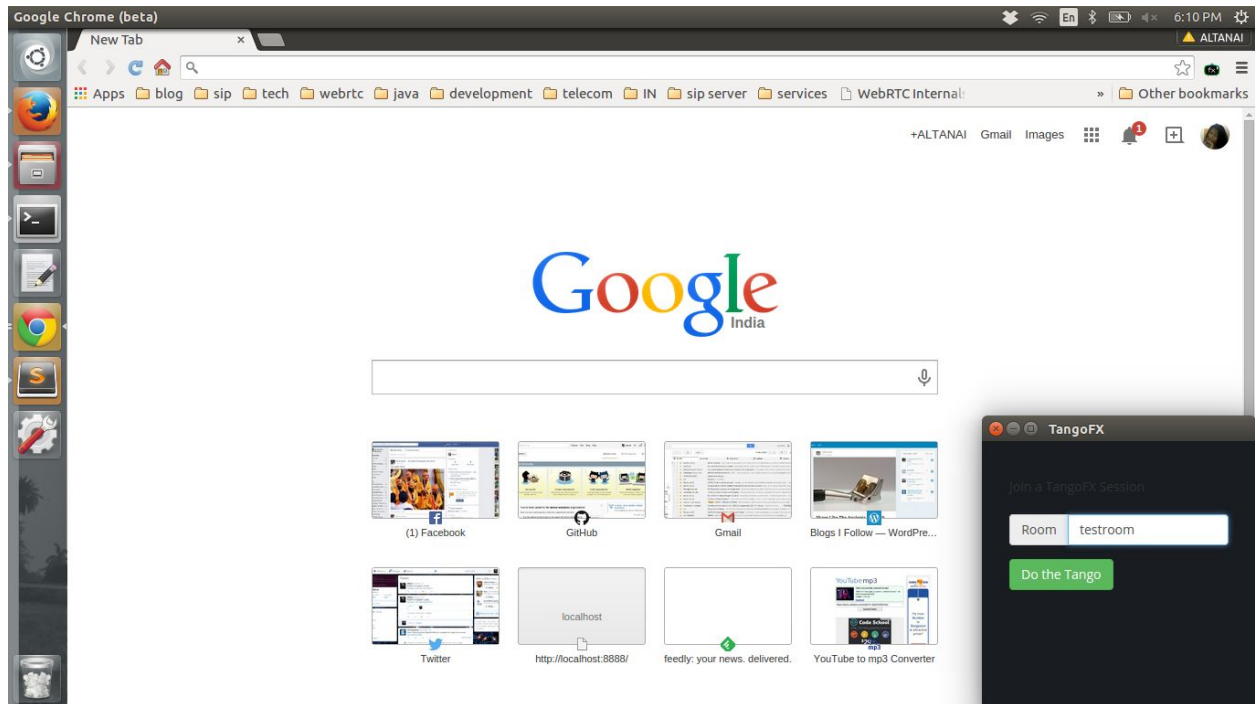
(This is done to ascertain that you trust our self signed https certificate to interact with TFX)



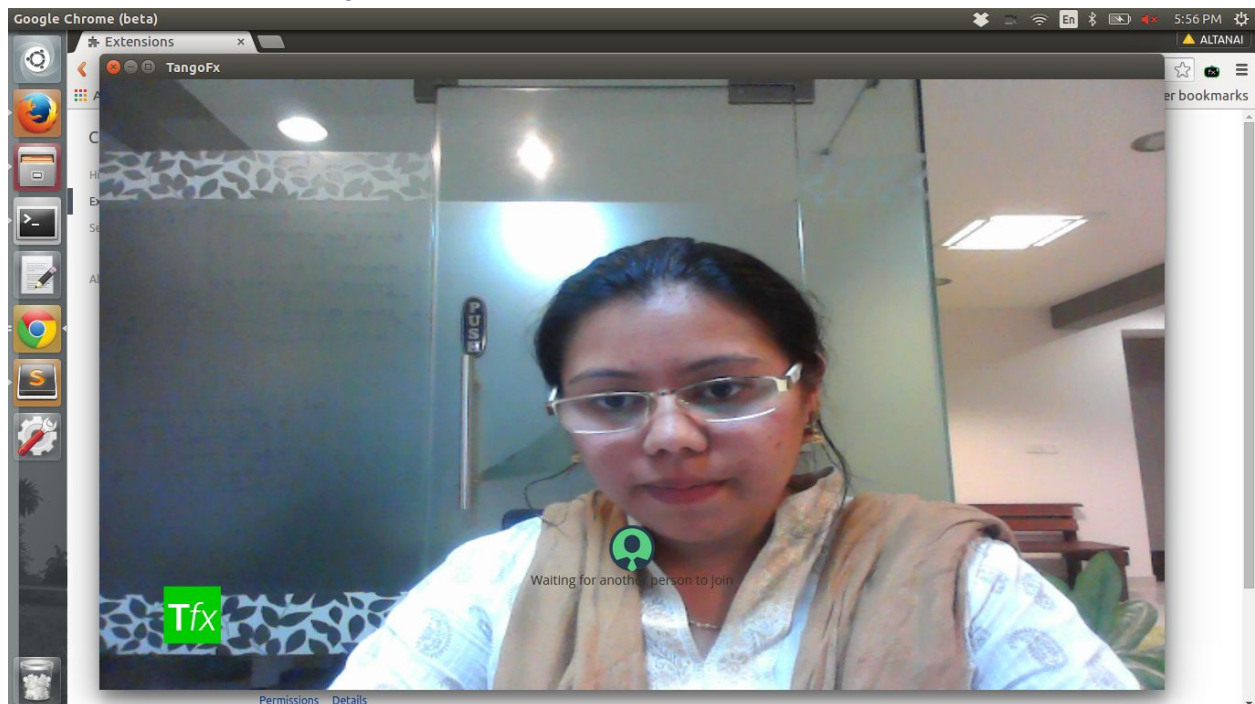
after this the following message should be displayed on the page



2. To run TangoFX click on TangoFX Extension icon.
3. From the panel/popup window that appears, enter the room name to start a session.

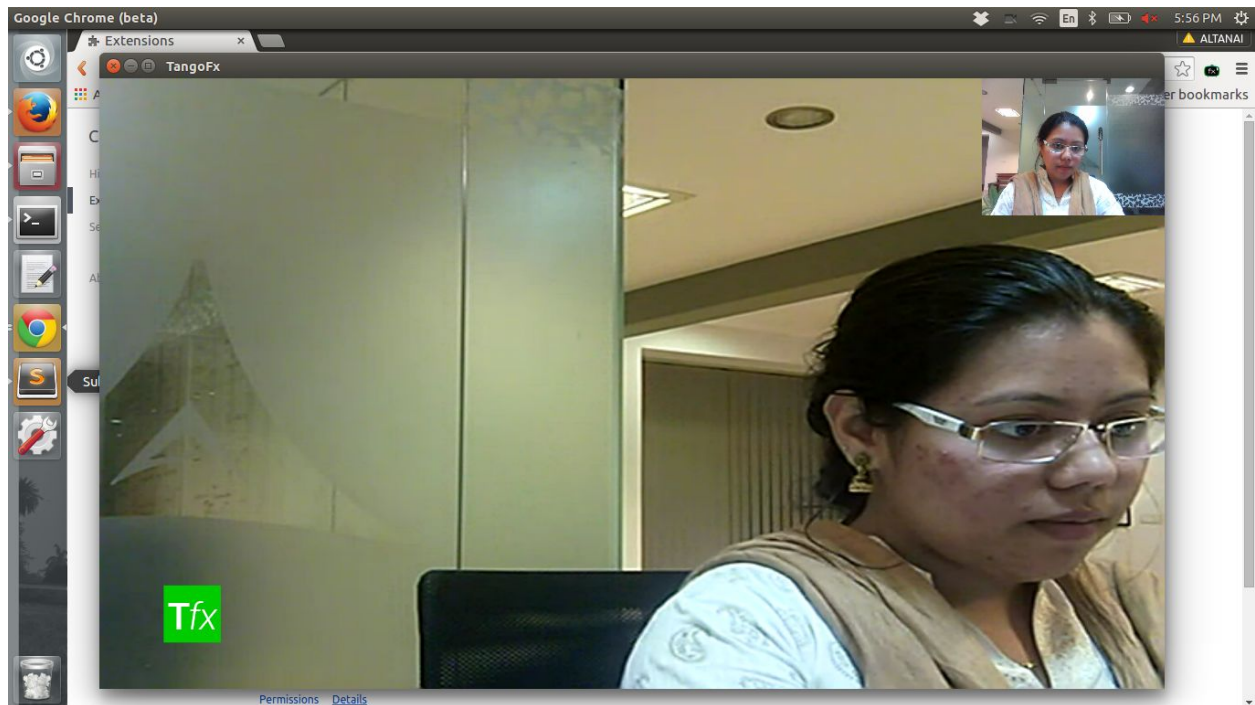


4. A larger popup window should now appear.
5. If a yellow bar on the top asks for permission to access the media elements grant it the permission.
6. A self video will begin to stream in the popup call window now.

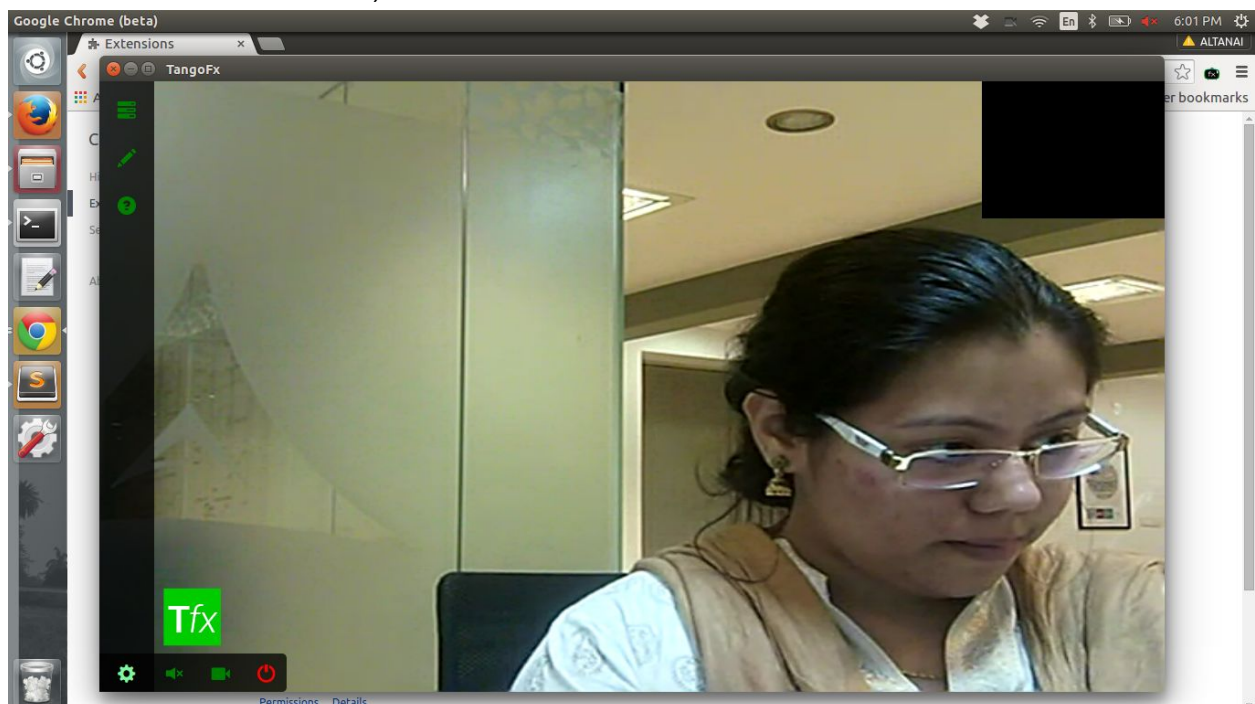


7. Ask your friend to load the extension too and enter the same room name to join the session.

8. Doing so should now make a 'peer to peer' session between them with two-way media streaming.



9. A feature rich WebRTC session is established.
10. To mute and unmute the call, just go to the left bottom settings and select the option of video/audio mute. A screenshot of the user muting her/his video is given in the snapshot below. (Notice how the local video window on the upper right is blacked out as he/she has the video muted.)



Help

An introduction to various elements of TangoFX session can be obtained from the 'Help' button nested on the left panel. A demo mode snapshot is given below:

Lets us see how to use the widgets over the ongoing call.

How to use TangoFX plugins?

A plugin folder is a code subset of TangoFX. The path to install a plugin is `TangoFX\extensionfolder\src\plugins\<pluginfolder>`. Plugins are loaded into the TangoFX environment and can be readily used.

Mentioned below are some pre-installed plugins, more can be added anytime.

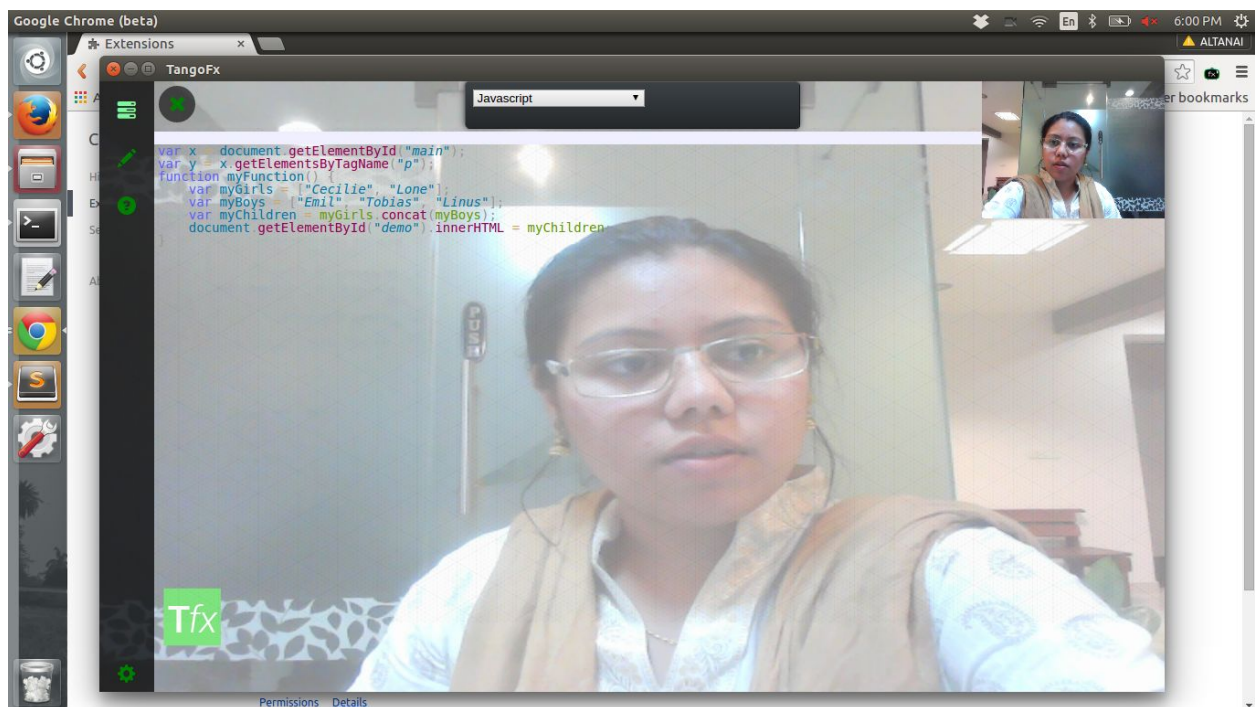
Draw plugin

This widgets can be activated by clicking on the brush icon from the left panel. It contains various doodle drawing elements. A snapshot of an ongoing video call with the draw widget is given below.



Code plugin

This widget facilitates the two parties to video chat and write code simultaneously. A code widget in action looks like the following figures:



It is preloaded with many programming formats like Java, C , C++, Javascript, Json etc.

