

How to Configure Macros to Switch Between Speaker and Presenter Track Mode

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Introduction

This document describes how to enable a button powered by Macros that switches SpeakerTrack and PresenterTrack mode in WebEx Room Devices.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Presition 60 (P60) and Quad Camera basic configuration.
- WebEx Room Devices basic configuration.
- Minimum Application Programming Interface (API) command knowledge.

Components Used

The information in this document is based on these software and hardware versions:

- Collaboration Endpoints (CE) 9.15.
- Any cloud software version.

Configure

Endpoint Configuration

Step 1. Log in to the device Web Interface.

Cisco Webex

System name: 10.88.246.53

Username

admin

Passphrase

Sign In

Step 2. Navigate to **Customization > Macro Editor**.

CUSTOMIZATION

 Personalization

 Audio Console

 UI Extensions Editor

 **Macro Editor**

 Developer API

Step 3. In the Macros menu, select **Create new macro**.

Macro Editor

Import from file...

Create new macro

1. Read the tutorial
2. Browse the examples
3. Create new scripts

Severity ▾

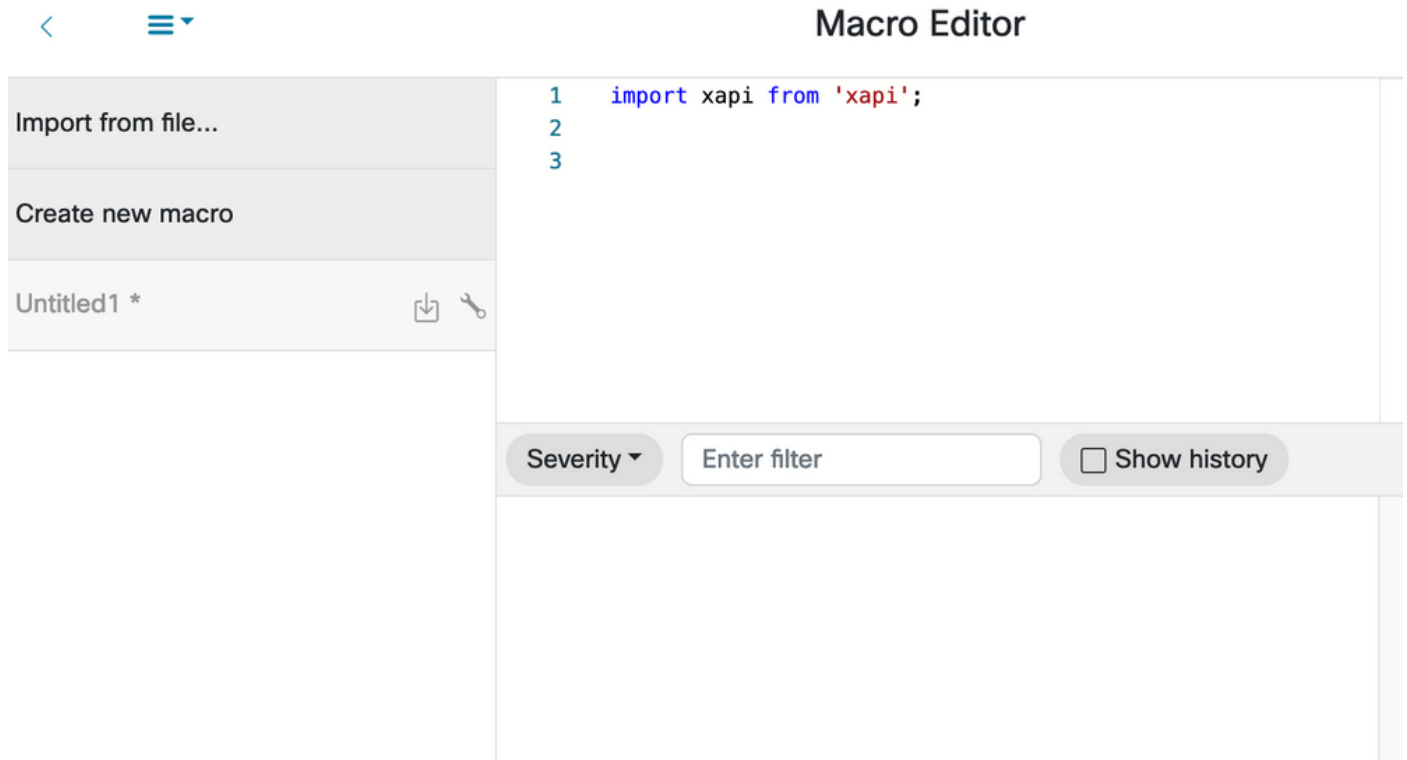
Enter filter

Show history

Note: If the error **Macros are currently disabled on this system appears**, select **Enable Macros**.

The screenshot shows the Macro Editor interface with an error dialog box overlaid. The dialog box has a title bar 'Error' and a close button 'x'. The main text of the dialog reads: 'Macros are currently disabled on this system. Would you like to enable them?'. Below the text are two buttons: 'Enable Macros' (highlighted with a red box) and 'Close'. The background interface is dimmed, showing the 'Macro Editor' title, navigation icons, and the same list of steps as the previous image. On the right side, there is a help sidebar with sections for 'Introduction', 'XAPI Reference', and 'API reference'. The 'Introduction' section is visible, containing text about macros and XAPI.

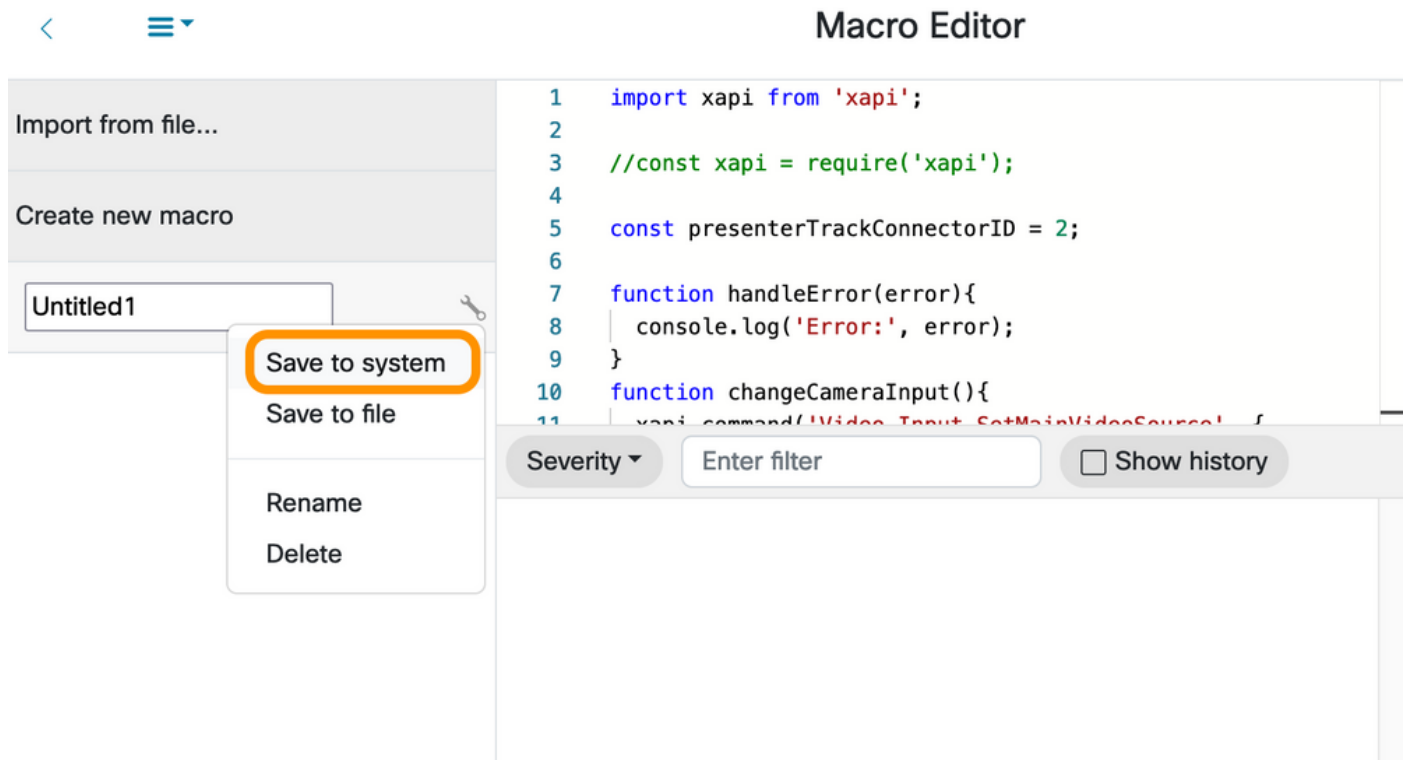
Step 4. When macros are enabled, a new file is created, as shown in the next image:



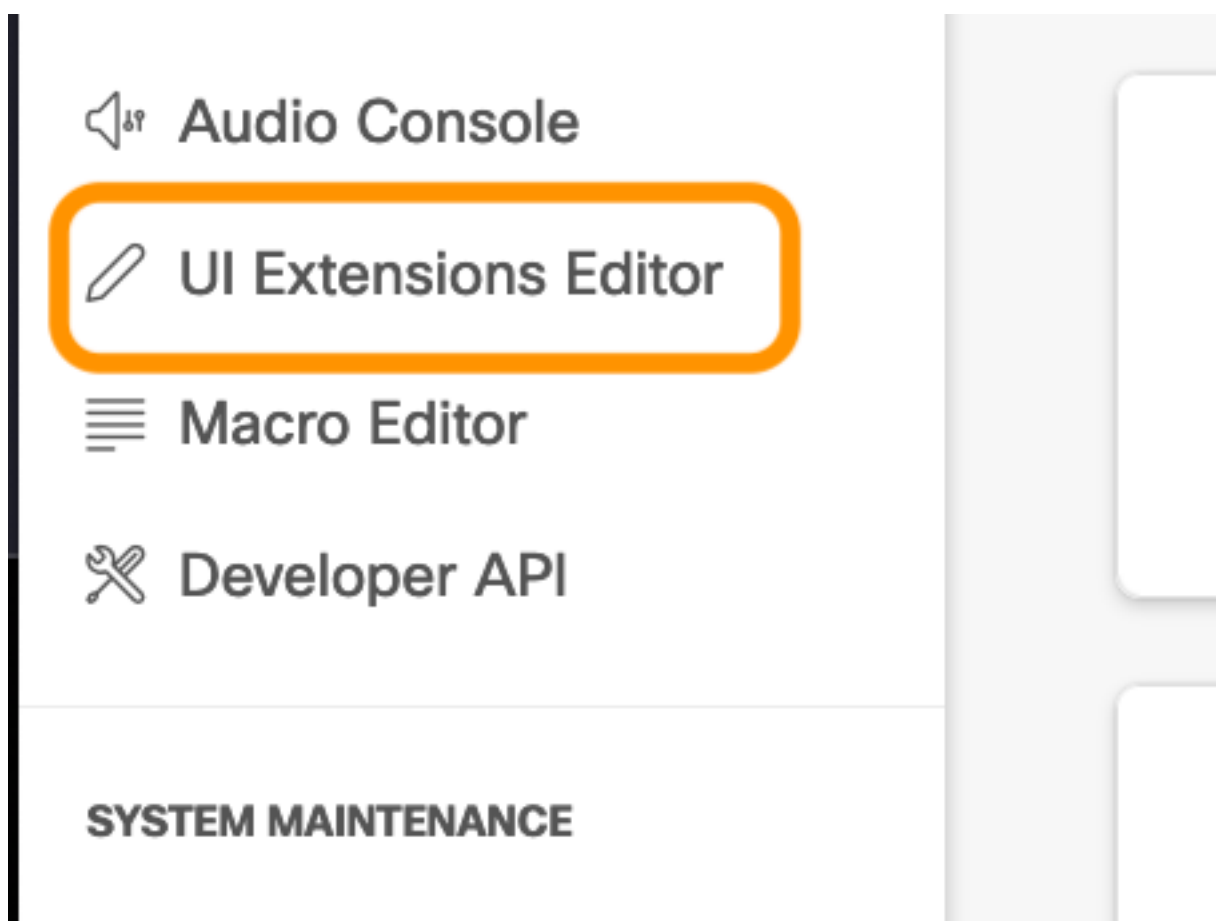
Step 5. Copy and paste the next code:

```
import xapi from 'xapi'; const presenterTrackConnectorID = 2; function handleError(error){
console.log('Error:', error); } function changeCameraInput(){ xapi.command('Video Input
SetMainVideoSource', { ConnectorId: presenterTrackConnectorID, }).catch(handleError); } function
enablePresenterTrack(){ xapi.command('Cameras PresenterTrack Set', { Mode: 'Follow',
}).catch(handleError); } function enableSpeakerTrack(){ xapi.command('Cameras SpeakerTrack
Activate').catch(handleError); } function presenterTrackChanger(event){ if(event.PanelId ===
'PresenterMode'){ xapi.status .get('Cameras PresenterTrack Status') .then((value) => {
//console.log(value); if(value === 'Off'){ changeCameraInput(); enablePresenterTrack();
console.log('Presenter Track Enabled'); }else{ enableSpeakerTrack(); console.log('Speaker Track
Enabled'); } }); } } xapi.event.on('UserInterface Extensions Panel
Clicked',presenterTrackChanger);
```

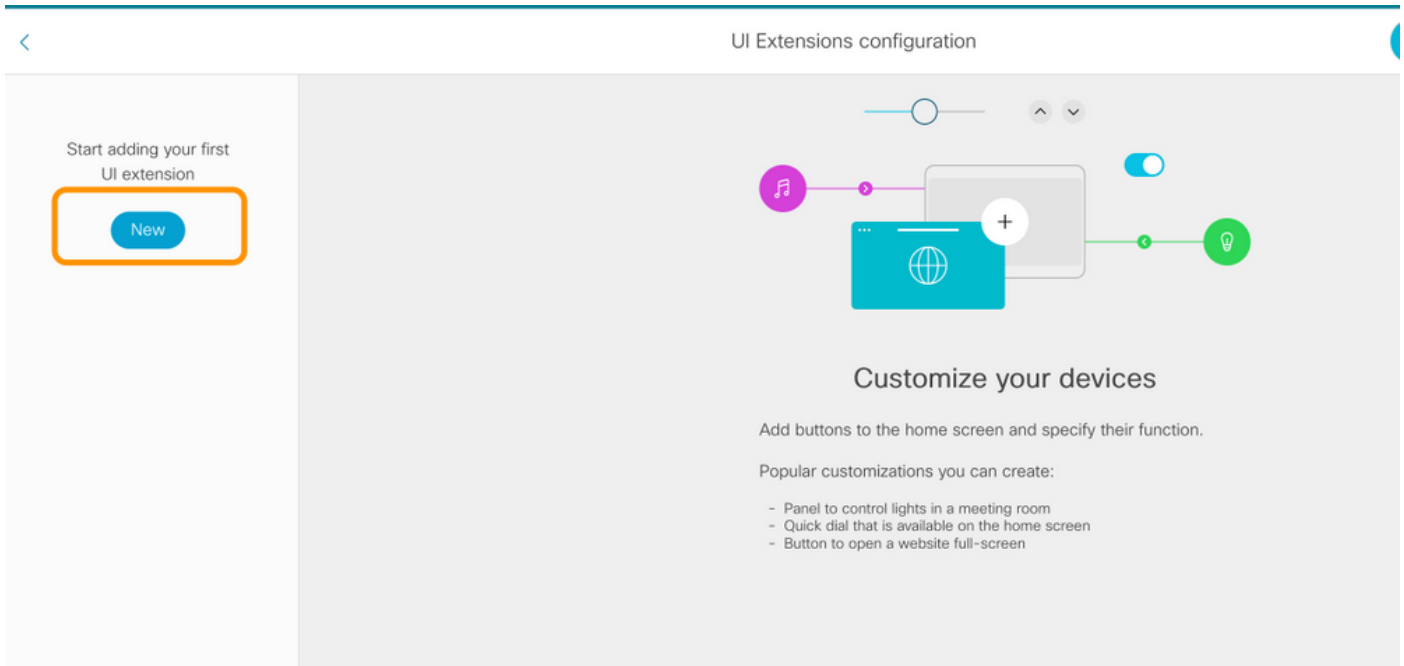
Step 6. Select the engine next to the file name and select **Save to System**.



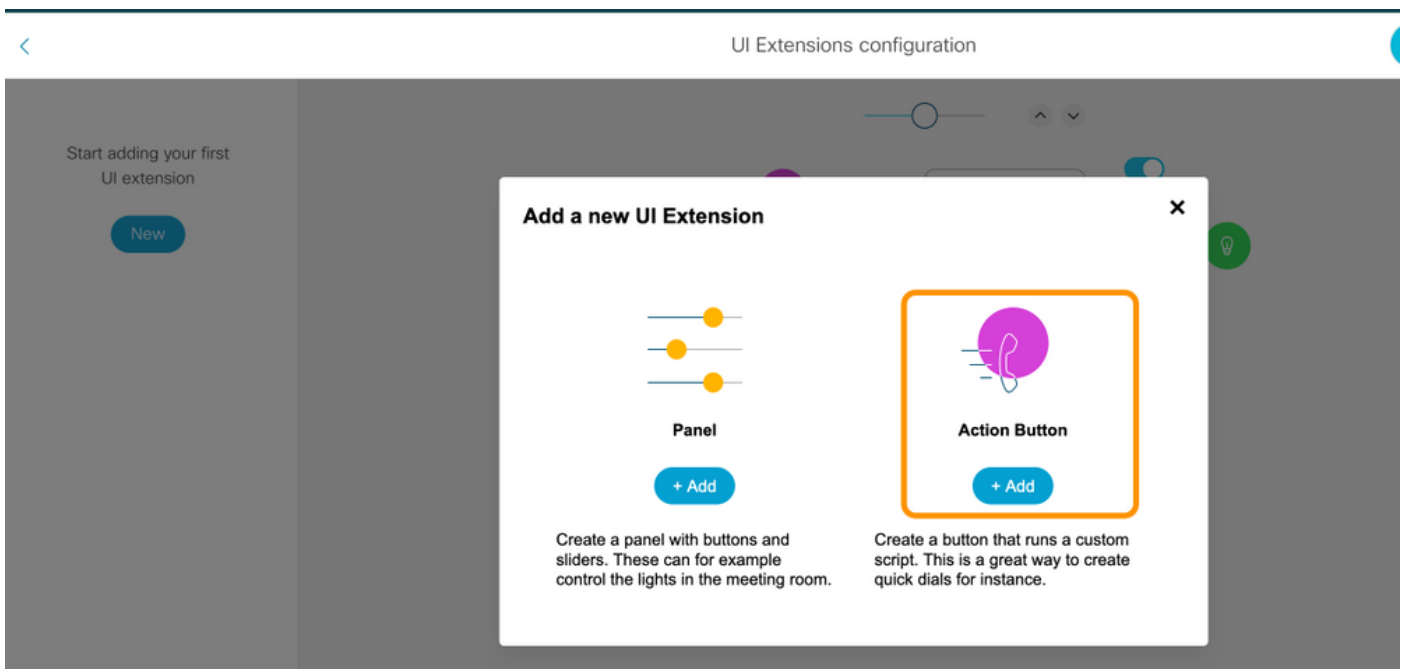
Step 7. Navigate to **Customization > UI Extensions Editor**.



Step 8. In order to create the button, select **New**.



Step 9. Select **Add** from the **Action Button** section.



Step 10. Once the button is created you just need to customize, from the Properties section, select the next configuration:

Id	PresenterMode
Name	MODE
Button visibility	Always
Icon	Camera

