

REC.VC YouTube Button

using Cisco Touch 10

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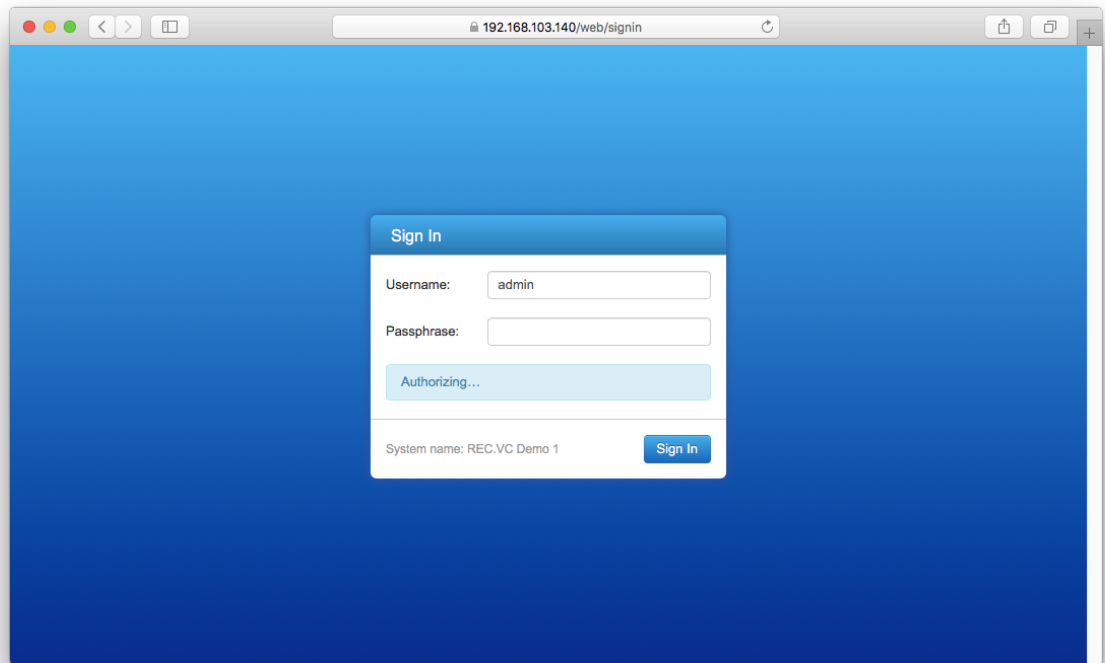
Introduction

This document shows an easy, simple integration using a single button to push to start a YouTube steaming session utilising REC.VC on a Cisco TelePresence endpoint using a Touch10.

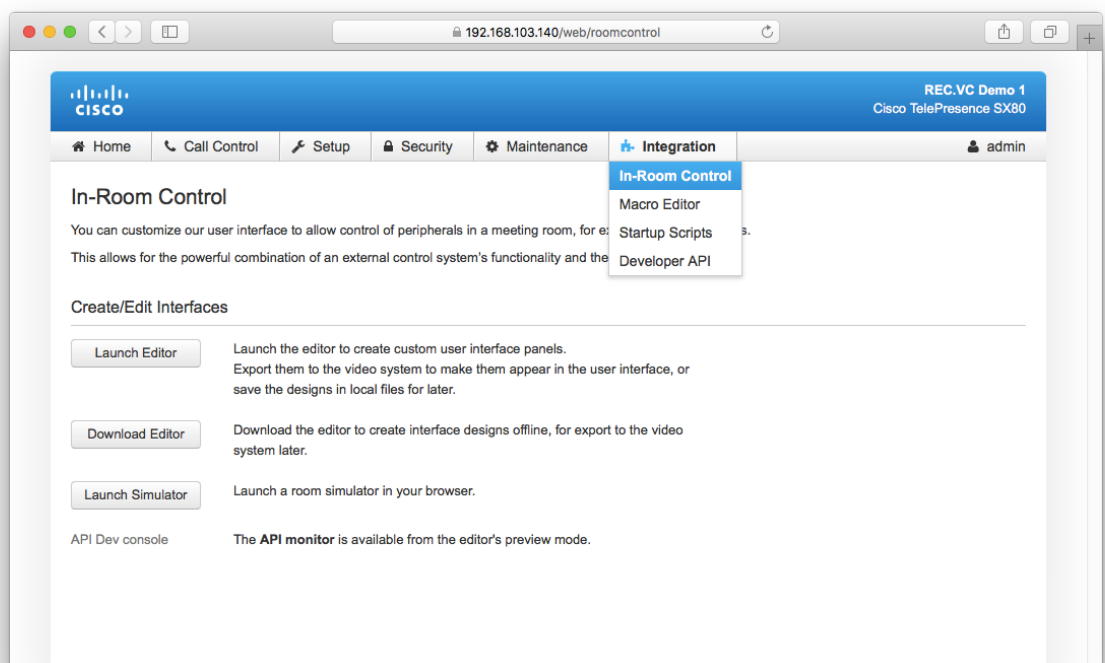
Configuration

step by step guide.

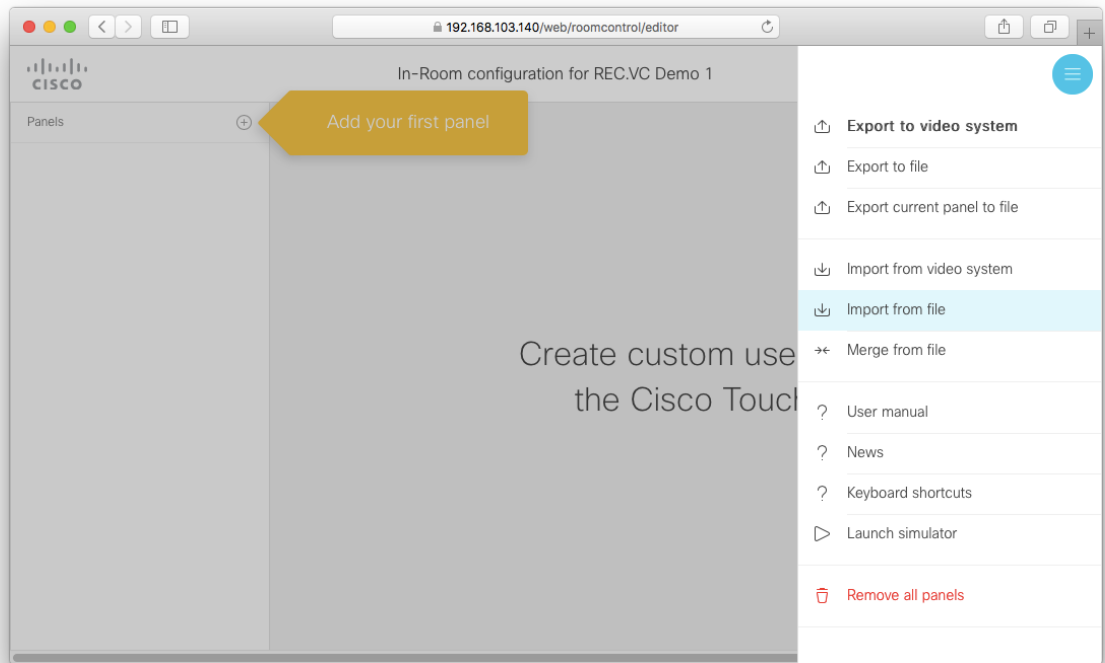
1. Please check the Requirements section in this document
2. Please make sure you have the recybutton.xml and recybutton.js available and adjusted to your needs (also see files required / included section of this document)
3. Login to the endpoint as an administrator via the web interface (you need to know the IP address of the endpoint, you can find this on the touch 10 under "Settings > About this device > IP address")



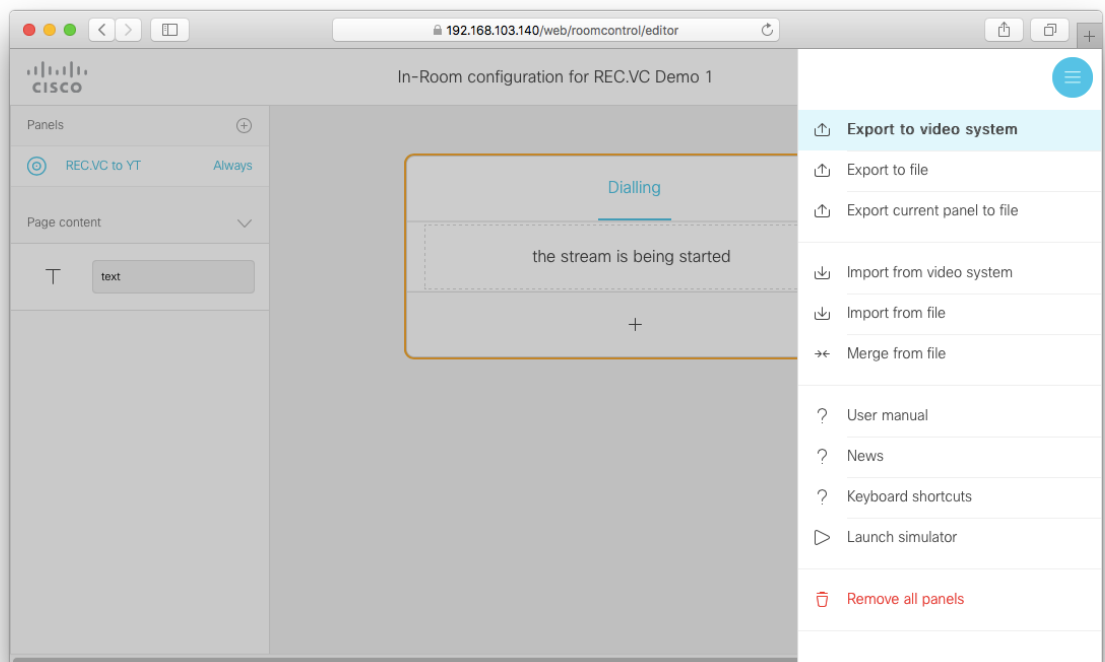
4. open “Launch Editor” from the “Integration > In-Room Control” menu



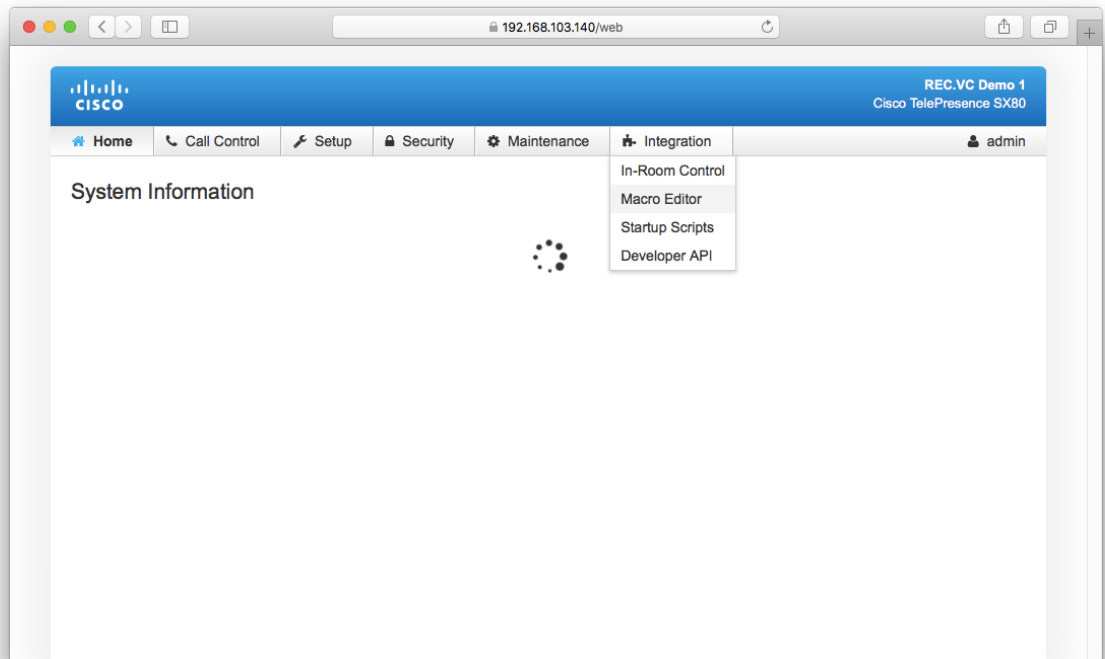
5. Use “Import from file” from the menu on the right top, select the recytbutton.xml file



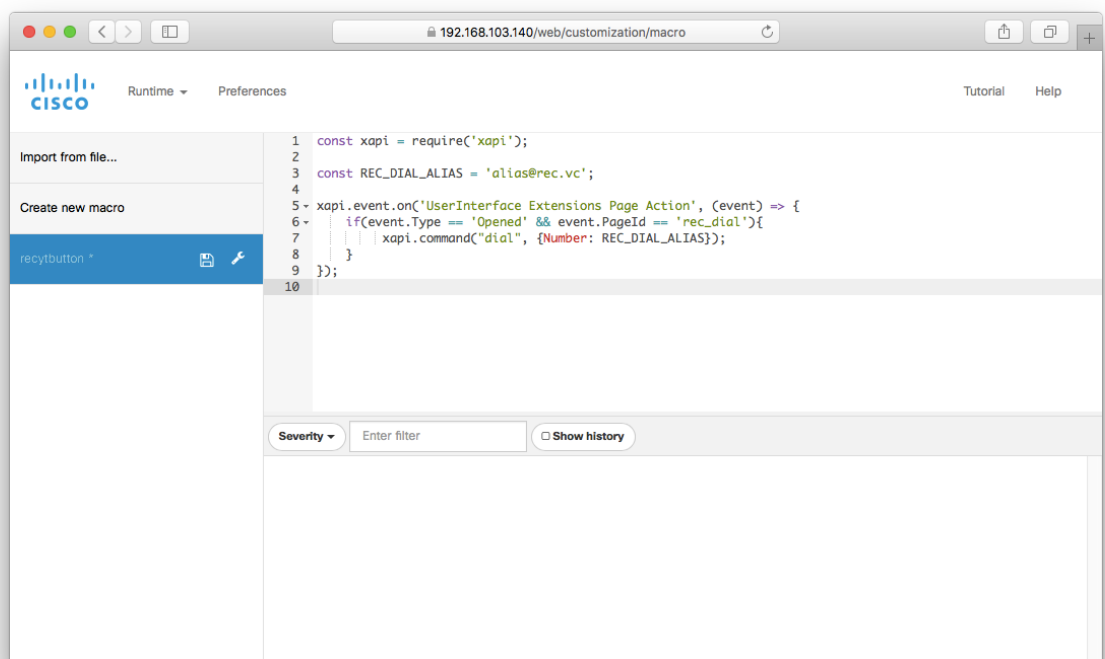
6. select “export to video system” from the menu on the right top, the website should confirm this with a “Export OK” dialog (which you can press ok)



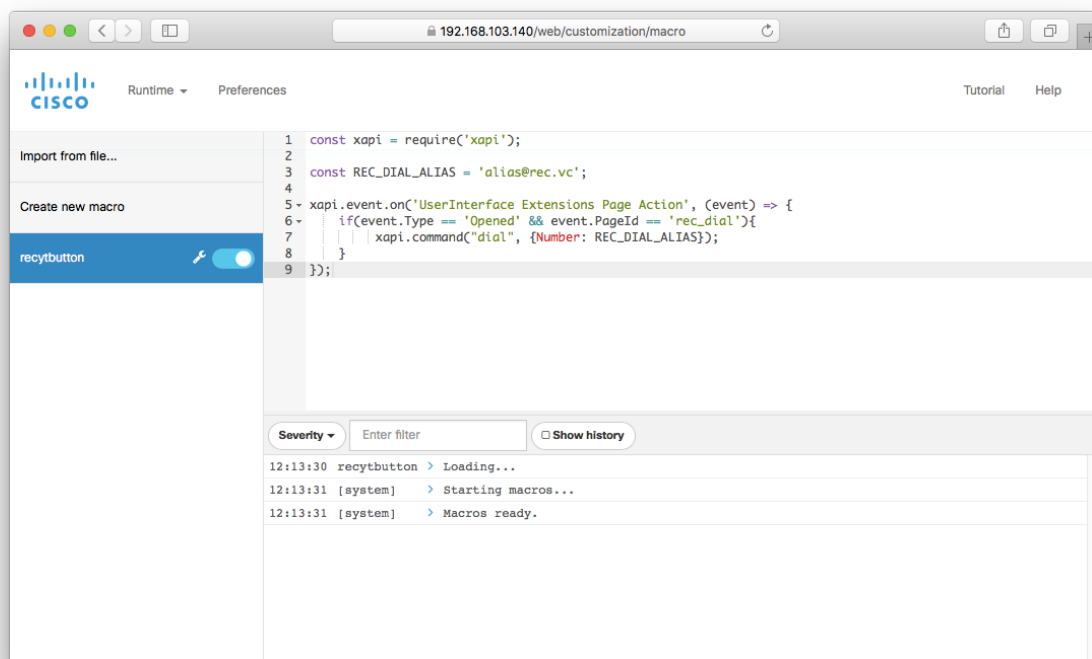
7. go back to the main page of the endpoint (for example by clicking on the Cisco Logo on the left top and select “Macro Editor” from the Integration tab.



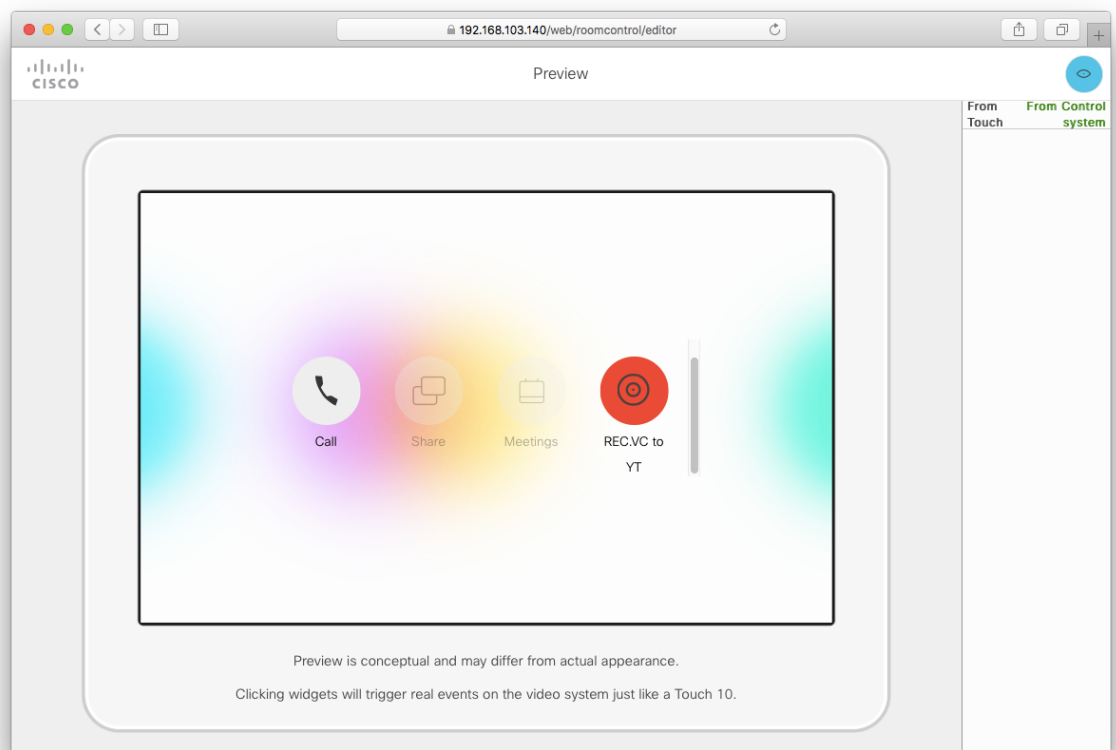
8. select “Import from file...” and select the “rectybutton.js” file. Do not forget to check / change the recording alias!



9. Important: Press on the save (floppy disk symbol) button and then activate the macro with the slider, after some seconds you should see “Macros ready.” on the bottom of the screen



10. You should be good to go, your Touch 10 should show the red REC.VC to YT button. Press the button on the Touch 10 and a call should be initiated to the configured recording alias.



Included files

recytbutton.xml

Info

Used for the “In-Room” control

You can change the name of the button by adjusting the value in <name> for example from:

<Name>REC.VC to YT</Name> **to** <Name>YouTube</Name>

or do other configuration in the file or via the In-Room editor on the endpoint.

File content

```
<Extensions>
  <Version>1.5</Version>
  <Panel>
    <PanelId>rec.vc</PanelId>
    <Type>Statusbar</Type>
    <Icon>Disc</Icon>
    <Order>2</Order>
    <Color>#FF503C</Color>
    <Name>REC.VC to YT</Name>
    <Page>
      <Name>Dialling</Name>
      <Row>
        <Name>Row</Name>
        <Widget>
          <WidgetId>text</WidgetId>
          <Name>the stream is being started</Name>
          <Type>Text</Type>
          <Options>size=4;align=center;fontSize=normal</Options>
        </Widget>
      </Row>
      <PageId>rec_dial</PageId>
      <Options>hideRowNames=1</Options>
    </Page>
  </Panel>
</Extensions>
```


recytbutton.js

Info

Please replace [alias@rec.vc](#) with your own YouTube alias at rec.vc!

File content

```
const xapi = require('xapi');

const REC_DIAL_ALIAS = 'alias@rec.vc';

xapi.event.on('UserInterface Extensions Page Action', (event) => {
  if(event.Type == 'Opened' && event.PageId == 'rec_dial'){
    xapi.command("dial", {Number: REC_DIAL_ALIAS});
  }
});
```

Requirements / Disclaimer

This guide is based on a SX80+Touch10 with CE9.7.1 registered to a VCS with no further provisioning or Management. It should work on different endpoints and other CE software versions as well but is untested. It requires a Touch 10 In-Room controls and Macros which most modern Cisco TelePresence endpoints, like SX series or RoomKit should support (an exclusion not supporting this is the SX10 as this does not support Macros) and administrative access to the endpoint via the https web interface.

If you already have an integration with features like Macros or In-Room controls please take appropriate actions. It is possible to combine existing integrations but it is not part of this document. We strongly recommend taking a backup of the endpoint and if you are not the administrator of the endpoint to check with your IT team.

Please also consult the endpoint and integration guides and the Cisco Github repository.

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All action is done at your own risk.

License

as to be redistributed:

<https://raw.githubusercontent.com/CiscoDevNet/roomdevices-macros-samples/master/LICENSE>

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References

Cisco Endpoint Documentation

like:

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/telepresence-quick-set-series/products-installation-and-configuration-guides-list.html>

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/telepresence-quick-set-series/products-maintenance-guides-list.html>

especially the “Cisco TelePresence DX, MX, SX, and Room Series Customization Guide”

further see <https://www.cisco.com>

Cisco DevNET

<https://developer.cisco.com/site/roomdevices>

Cisco Github repository

<https://github.com/CiscoDevNet/roomdevices-macros-samples/>

especially the “One Button to Dial” example

<https://github.com/CiscoDevNet/roomdevices-macros-samples/tree/master/One%20Button%20To%20Dial>