

CasaTunes®

music by the roomful

Installing CasaTunes Systems with RTI Apex using optional RTI Music Template – Coral UI

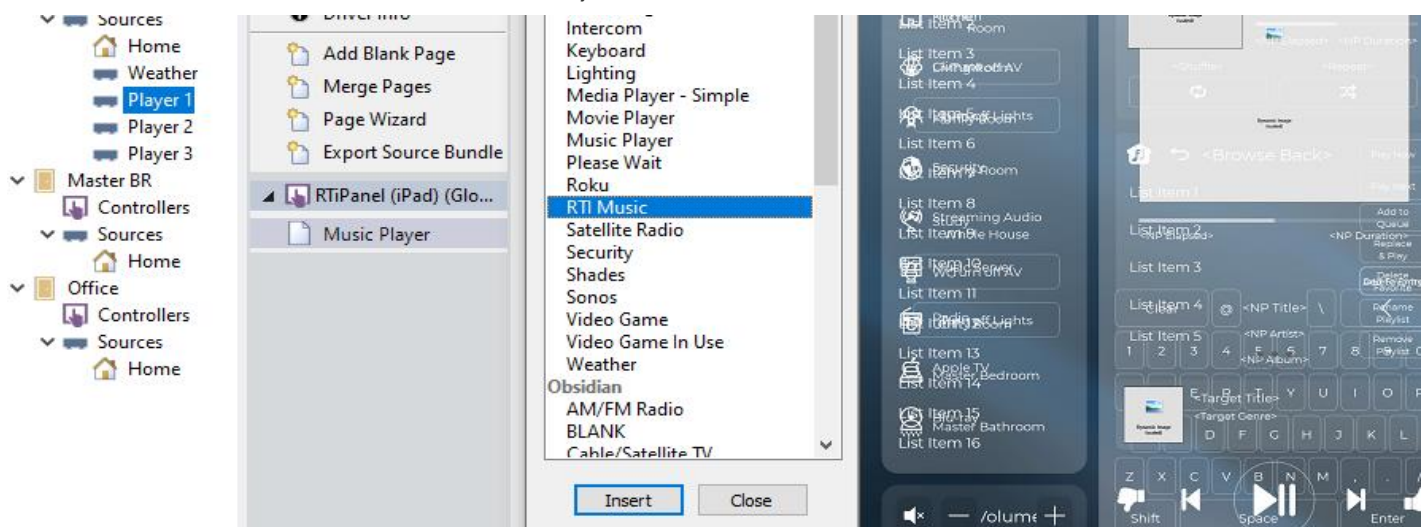
Here is a quick step-by-step guide to help set up CasaTunes with the “RTI Music” template in the Coral UI.

1. Set up your CasaTunes system using CasaSetup, including any room groups, Airplay speakers, services, etc., in CasaSetup.
2. In Integration Designer, pick your RTI processor and add Rooms. It is best to name them the same as in CasaSetup. Treat Airplay rooms and room groups as Rooms.
3. Add all RTI Controllers you will be using.
4. In the Drivers tab, change library to USER and open CasaTunes Control -> Player to add players to Global. Name them to match the Source names in CasaSetup.

This section, in bold, is different than the “Music Player” template step-by-step guide:

Since the CasaTunes Players automatically default to using the Music Player template, you will need to use the “Page Wizard” to change to the “RTI Music” template.

5. **Highlight the first Player for a Controller and click on “Page Wizard” in the Source Configuration window. Select and insert RTI Music, like this:**



6. You will end up with pages for both templates. Delete the Music Player page(s).

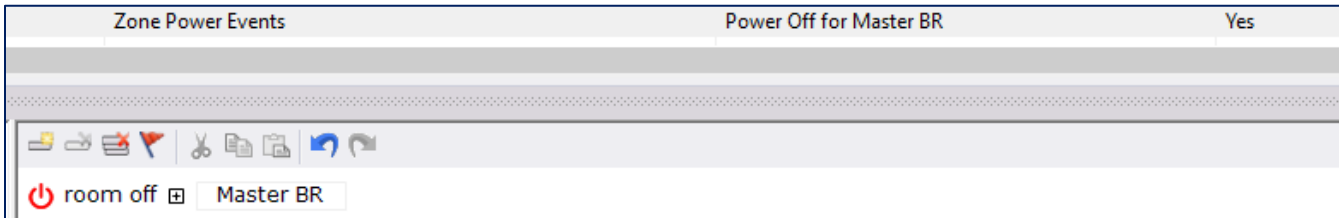
7. Add room control:

- For wired rooms, in the Add Workspace Item, highlight the room and in the drivers tab (using the User option) add a CasaTunes Control -> Zone, naming the zone name to match the room's name in CasaSetup. Repeat for all rooms.
- For Airplay rooms, highlight the room in the same way and add a CasaTunes Control -> APZone Zone, naming the zone name to match the Airplay room's name in CasaSetup. Repeat for all Airplay rooms.
- For room groups, highlight the group and in the same way add a CasaTunes Control -> Zone Group Zone, naming the zone name to match the group's name in CasaSetup. Repeat for all room groups.

8. Set up the CasaTunes driver's properties, changing the number and names of Rooms, APRooms, Room Groups and Sources (players) to match CasaSetup and add the CasaTunes system's IP address.

9. Add Music Services in the driver's properties.

10. Highlight the CasaTunes Control driver, under Drivers, and click on Driver Events. Add System "room off" macros to all "Power Off for *roomname*" events, selecting the appropriate room, like this:

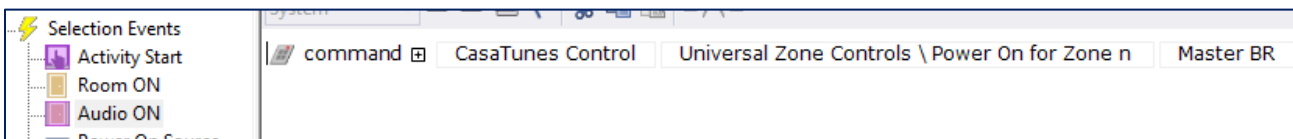


11. For each room in the Workspace, highlight the room and click on Activities. Select the first Audio Activity and set up the "Audio ON", "Activity Ready" and "Audio OFF" macros, like this. Repeat for each audio activity and each room (**Pay attention to whether the command shown in these images is a "Selected Room"/"Selected Source" command or a "Universal Zone Controls" command**):

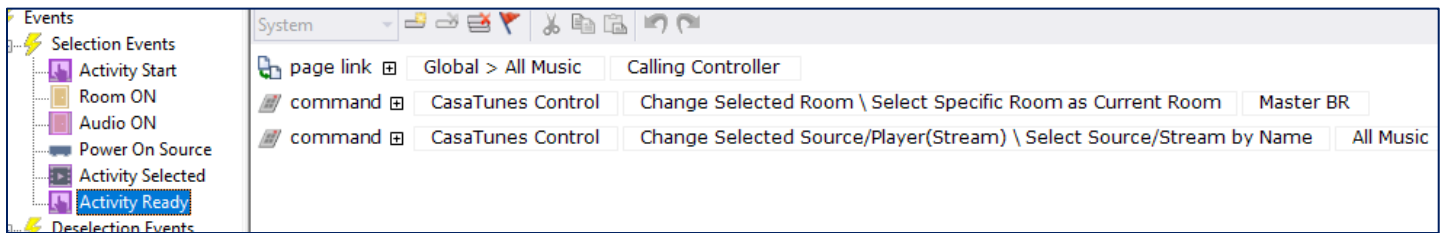
Select the Activity:

Macro List	Enable	Source Type	Room	Source	Activity Name
Variable List	<input checked="" type="checkbox"/>	Audio	Global	All Music	All Music
Activities	<input checked="" type="checkbox"/>	Audio	Global	Alison's Music	Alison's Music
	<input checked="" type="checkbox"/>	Audio	Global	Kim's Music	Kim's Music

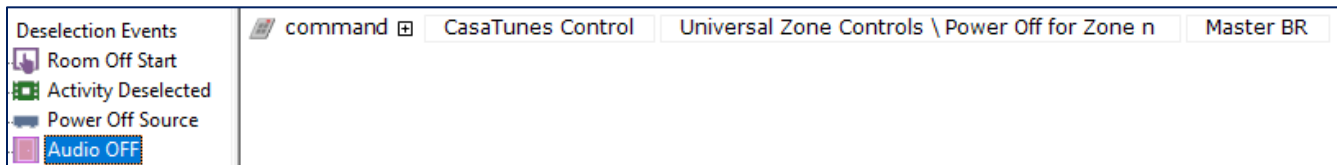
Add macro to power on room in "Audio ON". Use the Power On for Zone n! and pick the zone name you are working on:



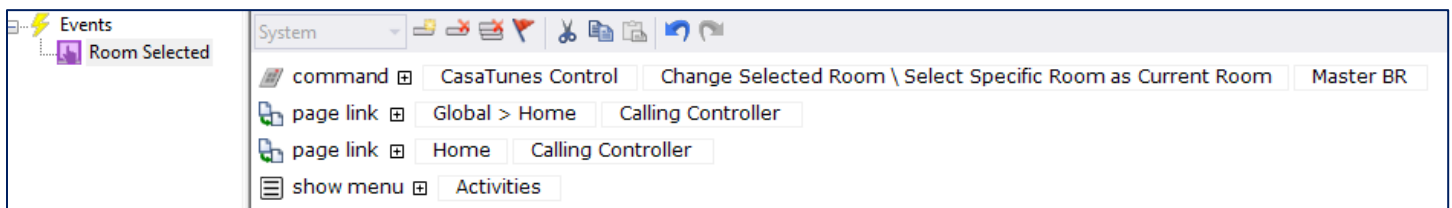
Add macros in “Activity Ready” to tell calling controller which room is selected and to change the room’s source to the selected Player (be sure that the page link points to the correct Player and the correct Room and Player are showing in the two CasaTunes commands):



Add macro to power off room in “Audio OFF”. Use the **Power Off for Zone n!** and pick the zone name you are working on:

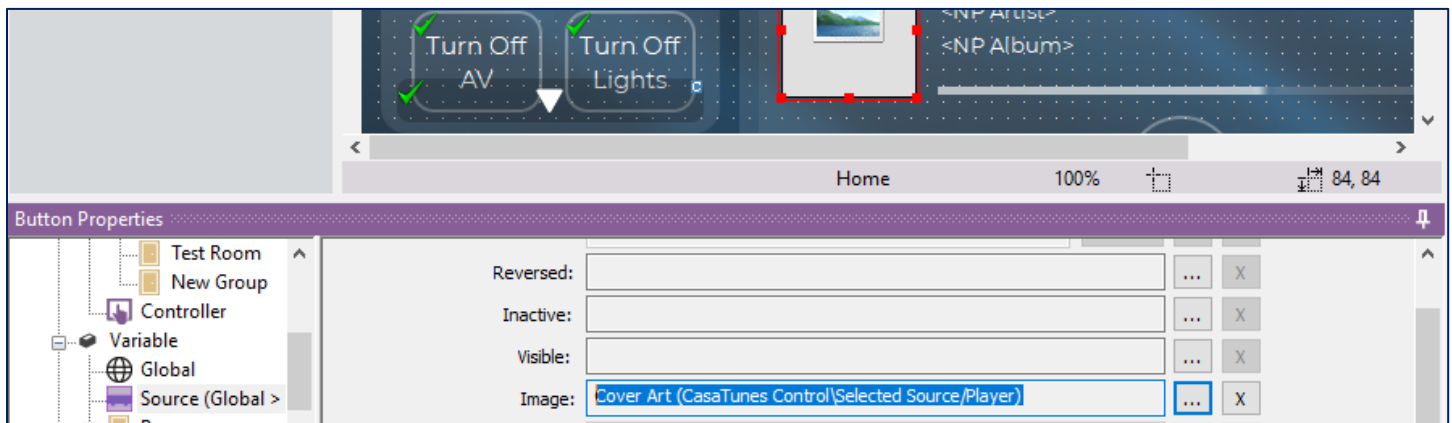


12. Also, for each room, in Room Events, add a CasaTunes Control | Change Selected Room macro, like this (this tells the home page to point to the correct NP information in the Home page for that room when user selects a room, but does not select an activity (player)):



13. In the Home page for each controller, manually select the appropriate CasaTunes Functions and Variables. Unfortunately, Apex does not auto program these. Make sure you add visibility settings for the progress bar and the transport buttons. Make sure you use the Reverse bits for the Pause, Play and Stop buttons. Here are all the settings:

Cover Art:



Song Title:

Home

Whole House

Turn Off AV

Turn Off Lights

Song Title

<NP Artist>

<NP Album>

Home100%404,2

on Properties

TEXT TAG: NP Title

Variable

Global

Source (Global >

Text: Metadata Line 0 (CasaTunes Control\Selected Source/Player;

Edit...

...

X

Reversed:

...

X

Artist:

Home

Whole House

Turn Off AV

Turn Off Lights

Song Title

Artist Name

<NP Album>

Home100%

on Properties

TEXT TAG: NP Artist

Variable

Global

Text: Metadata Line 1 (CasaTunes Control\Selected Source/Player;

Edit...

...

X

Album Name:

Turn Off AV

Turn Off Lights

Album Name

Home100%404,2

on Properties

TEXT TAG: NP Album

Variable

Global

Source (Global >

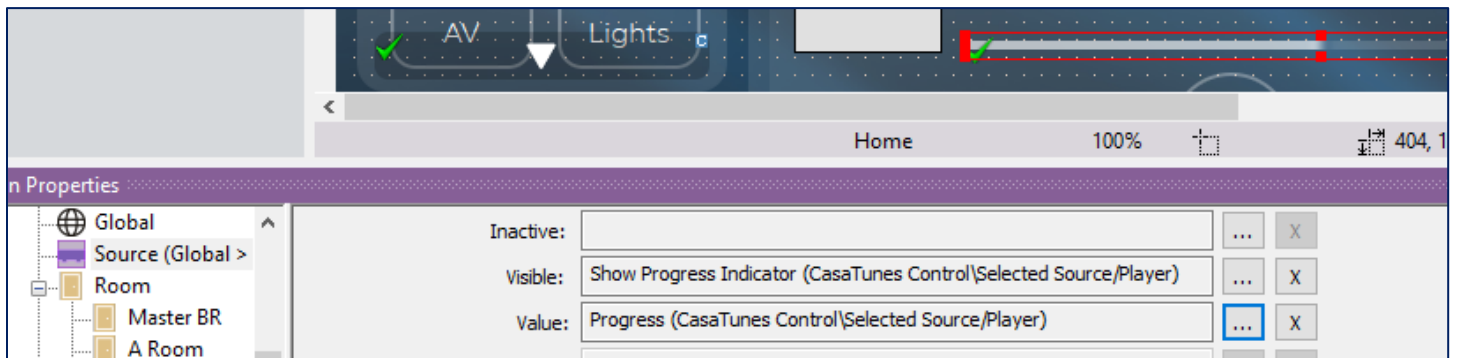
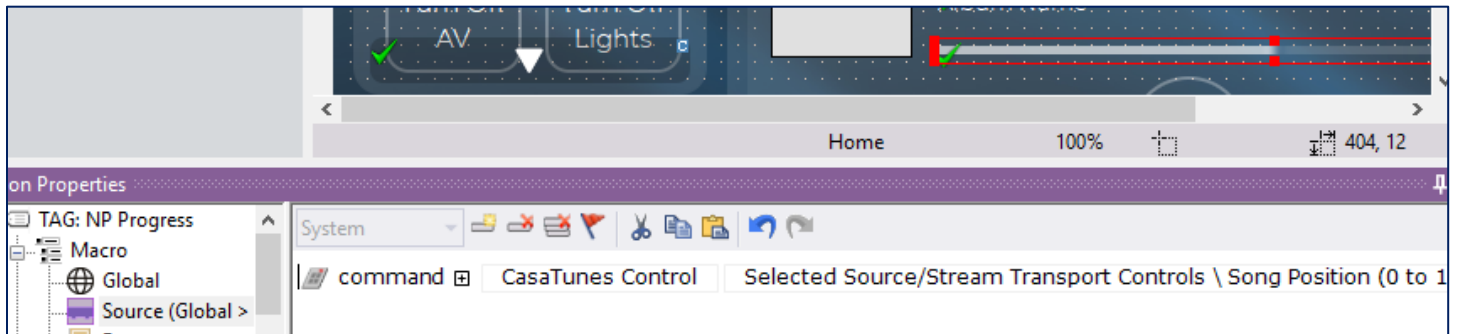
Text: Metadata Line 2 (CasaTunes Control\Selected Source/Player;

Edit...

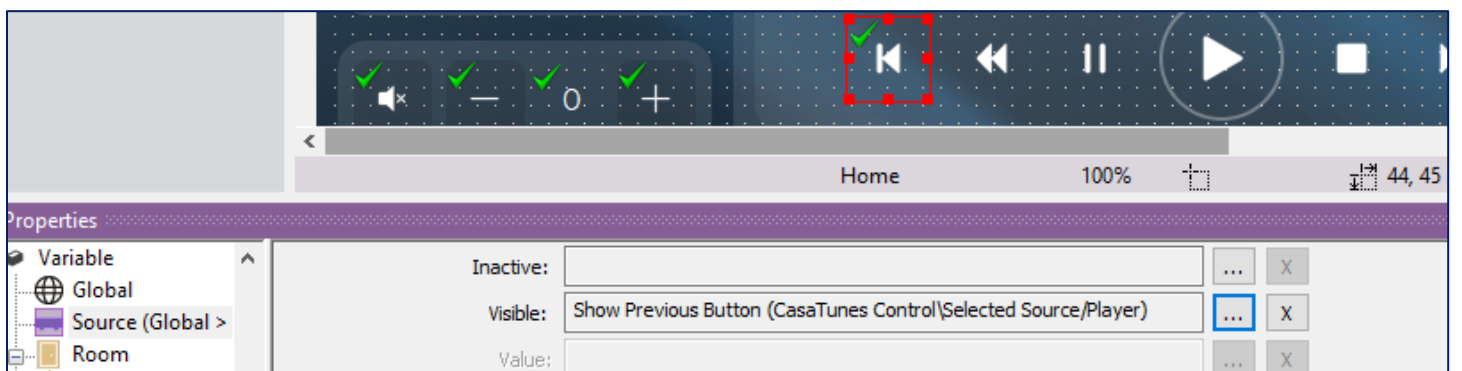
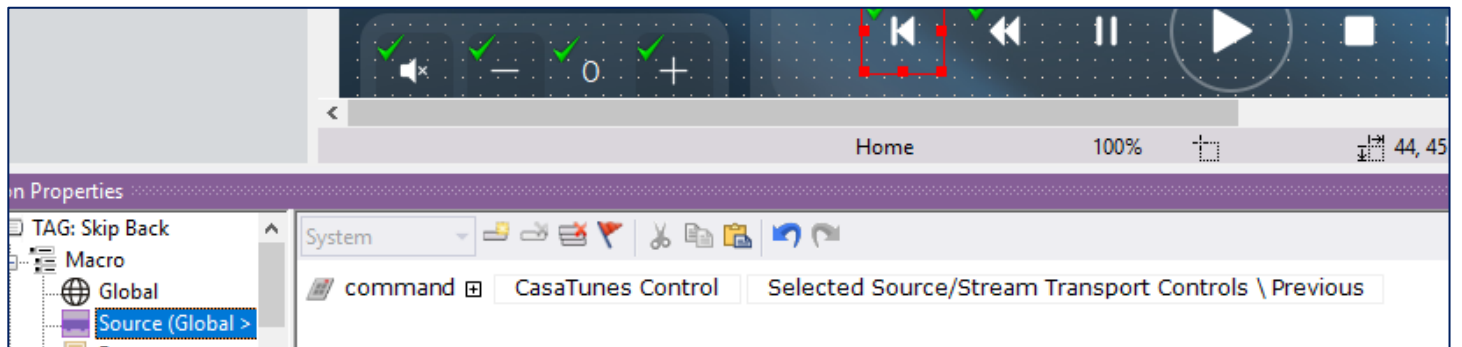
...

X

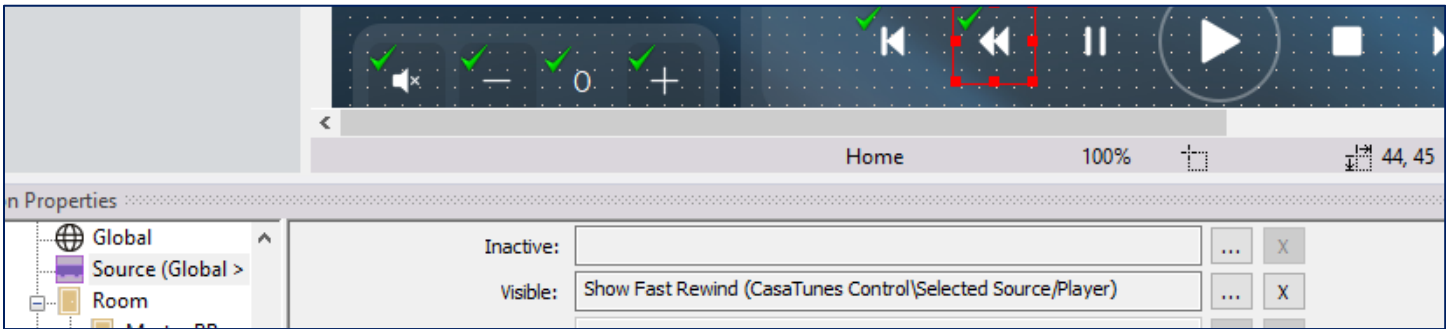
Progress bar (Unfortunately, the progress bar used in these templates does not allow the customer to change position in the music, but add the function in case RTI changes the templates):



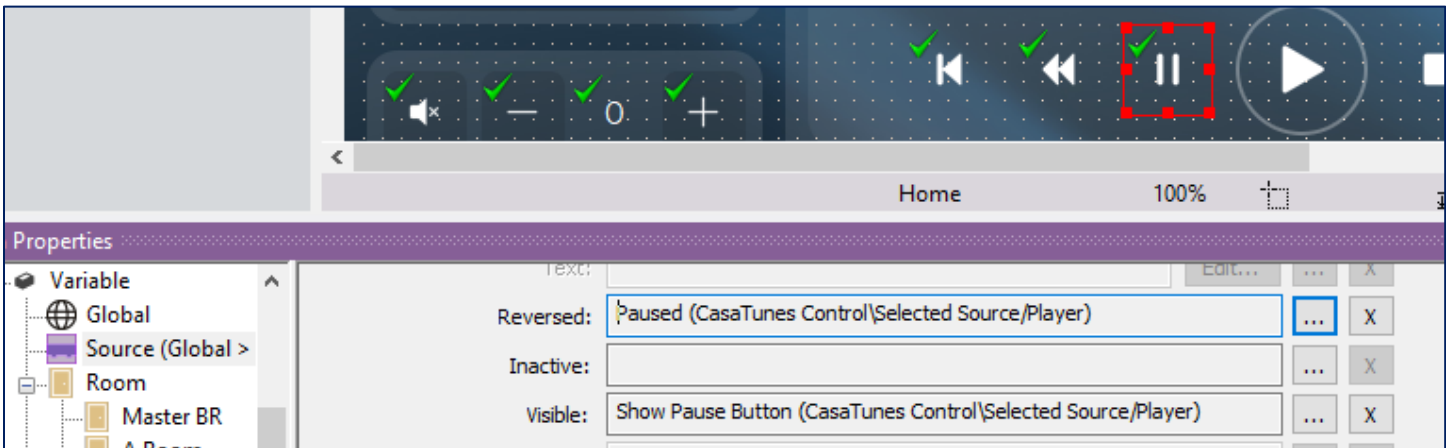
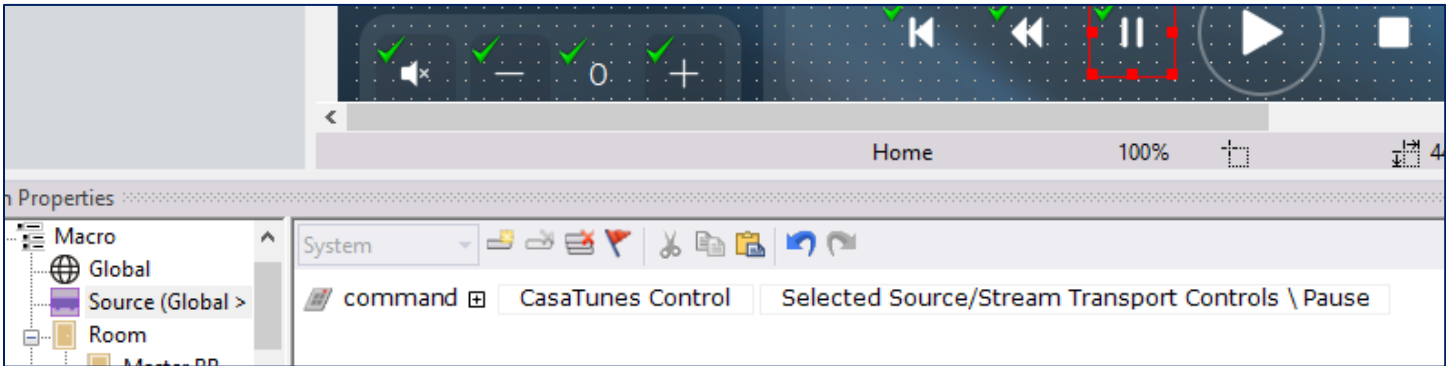
Previous Button (same as RTI's Skip Back):



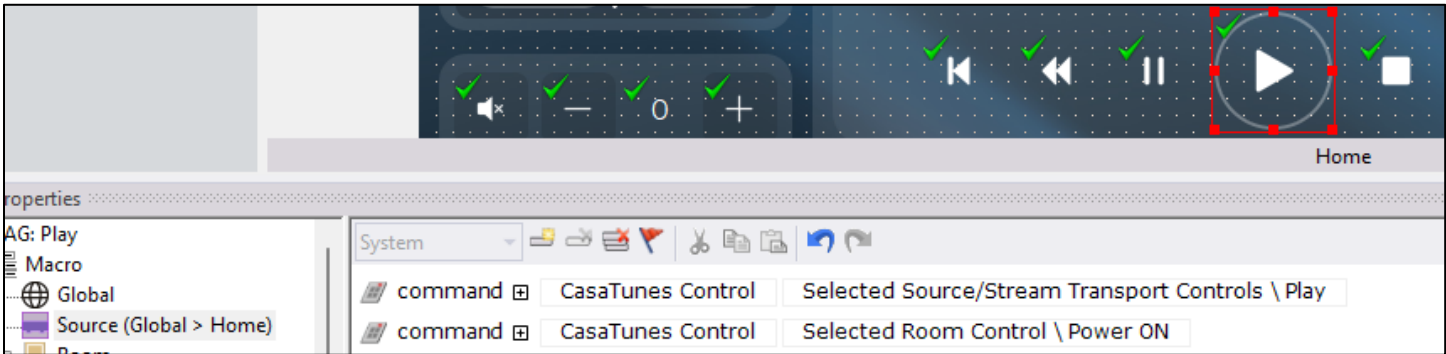
Fast Rewind (same as Scan Back. CasaTunes does not support, so the visibility bit will always be false):



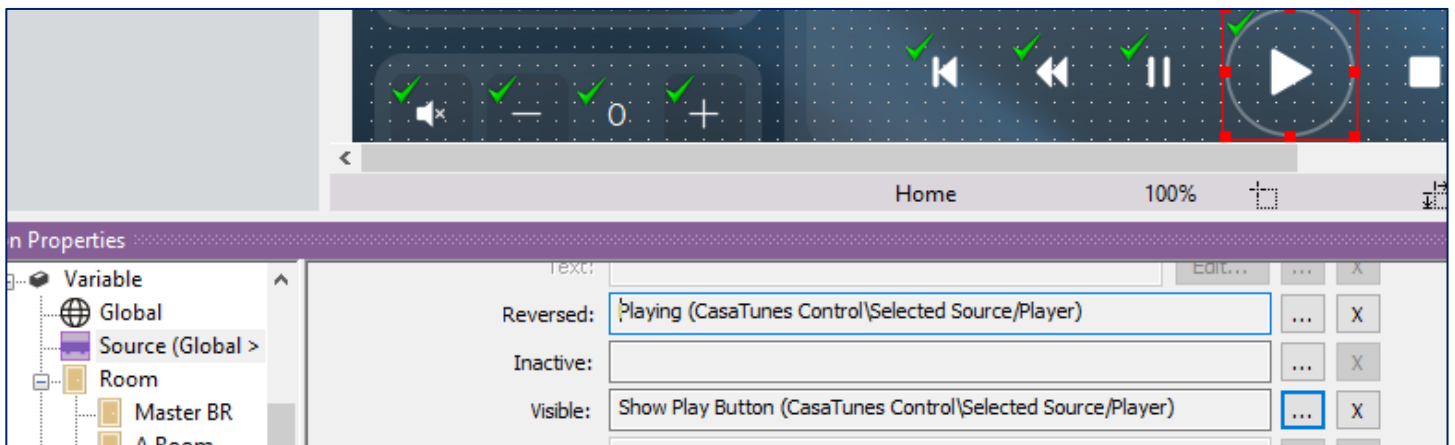
Pause:



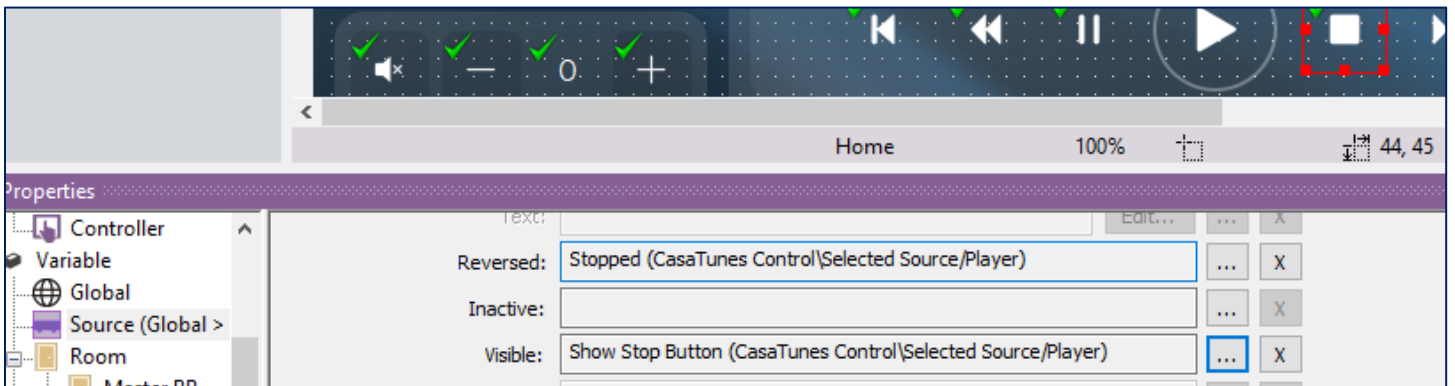
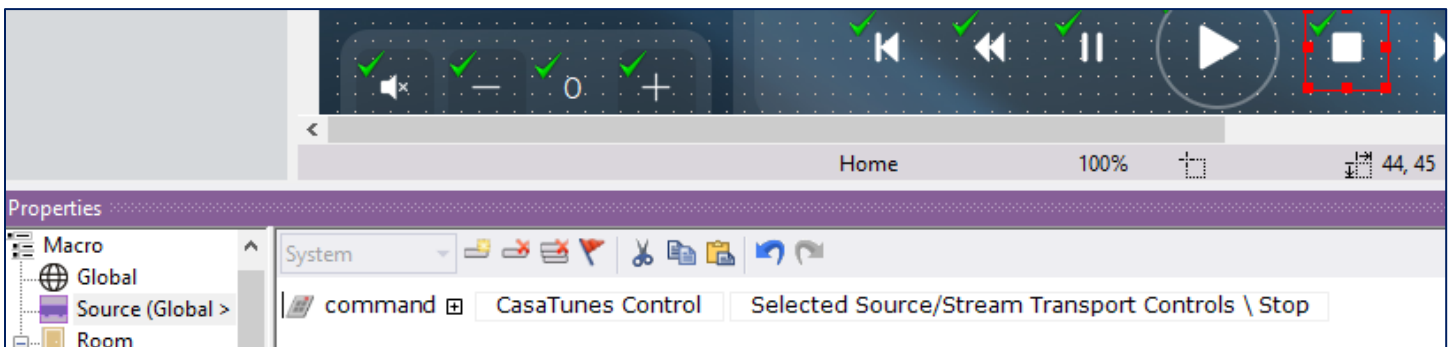
Play (also turns power on, if not already on):



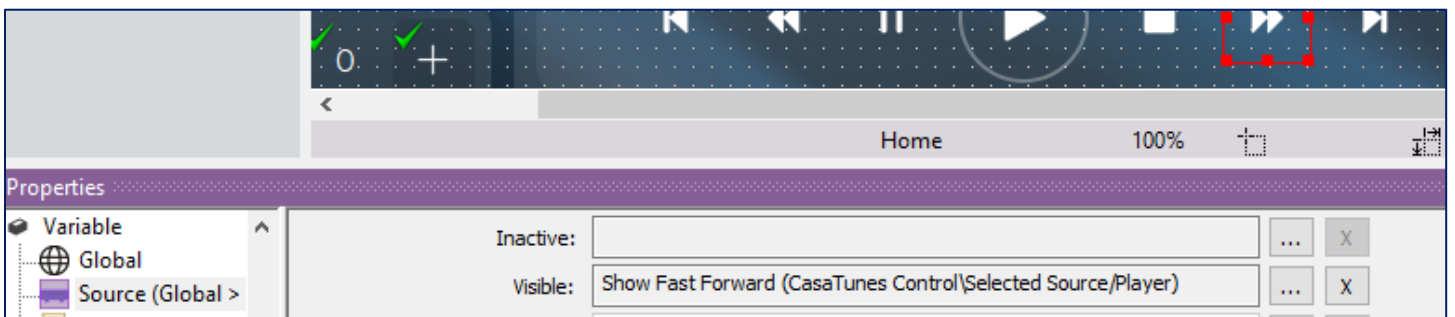
Play(Cont.):



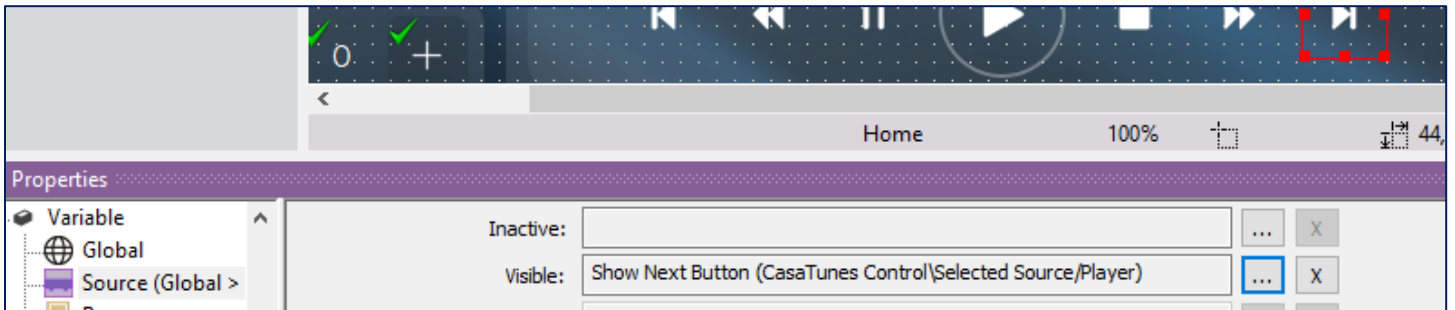
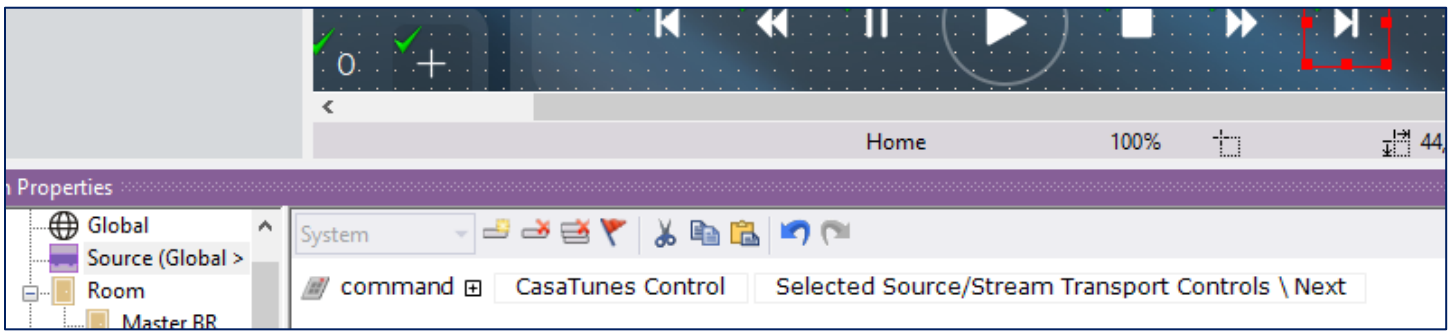
Stop:



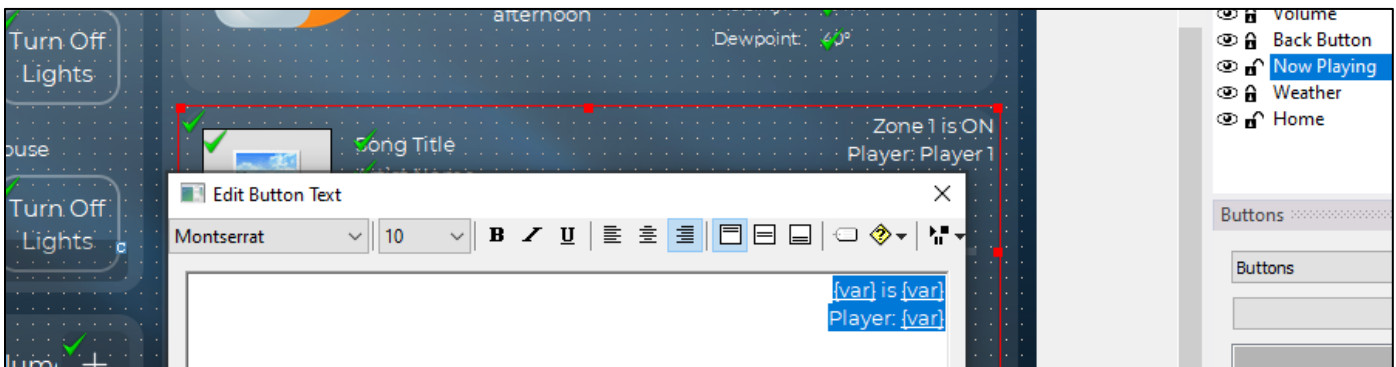
Fast Forward (same as Scan Forward. CasaTunes does not support, so visibility will always be false):



Next Song (same as Skip Forward):



14. Add a Room power and selected source indicator. This helps when the customer selects a new room in a multi-room panel. The customer will see that the room audio is already on (or off) and what player the room is playing. Here is an example created by selecting the Now Playing background layer and assigning text:

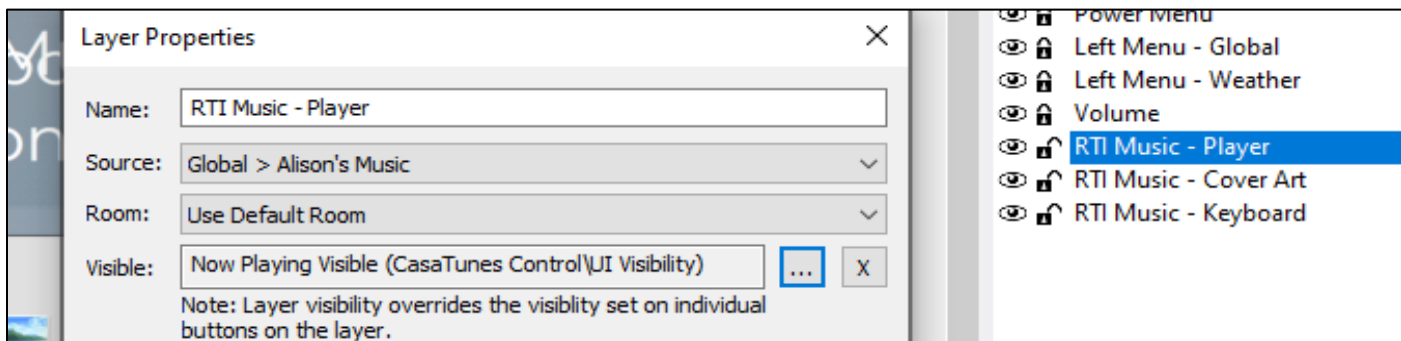
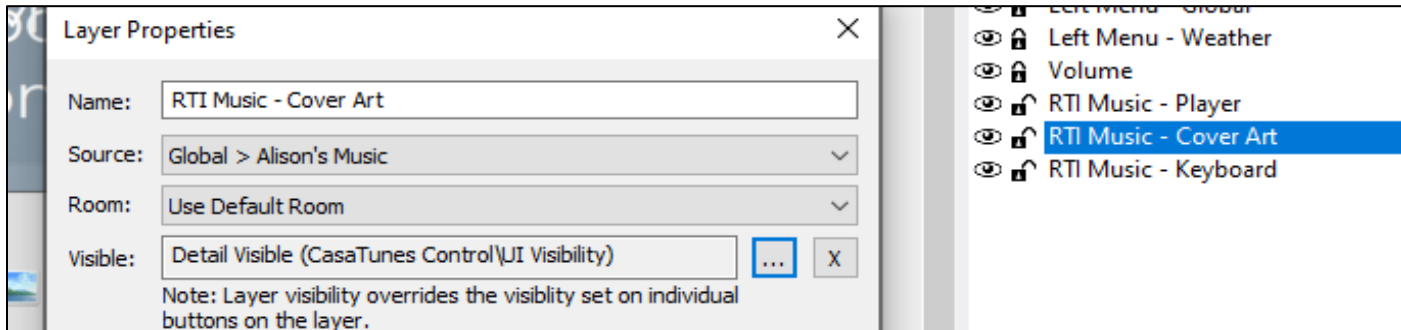
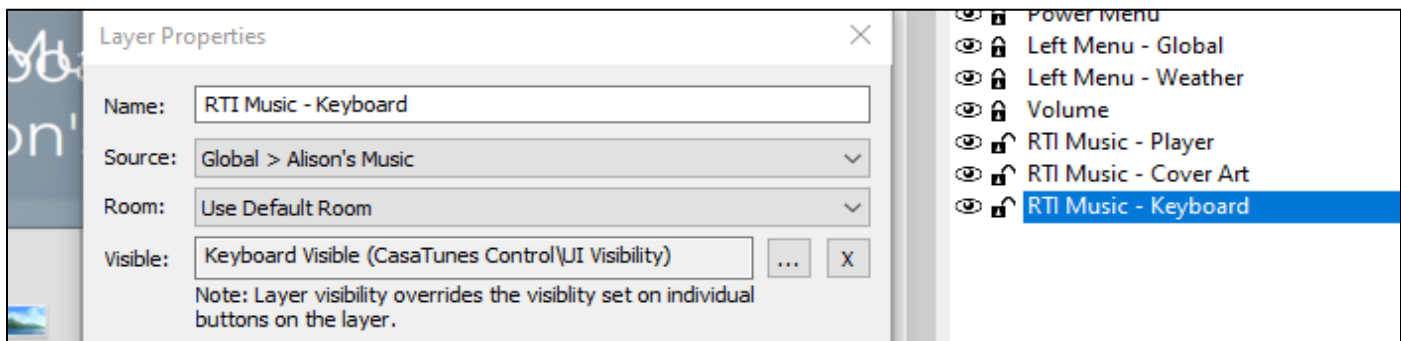


Where the first variable is CasaTunes Control | Selected Zone/Stream Info → Room Text Name.

The second variable is CasaTunes Control | Selected Zone/Stream Info → Power Off, with true set to OFF and false set to ON

The third variable is CasaTunes Control | Selected Source/Player → Source/Player Text Name

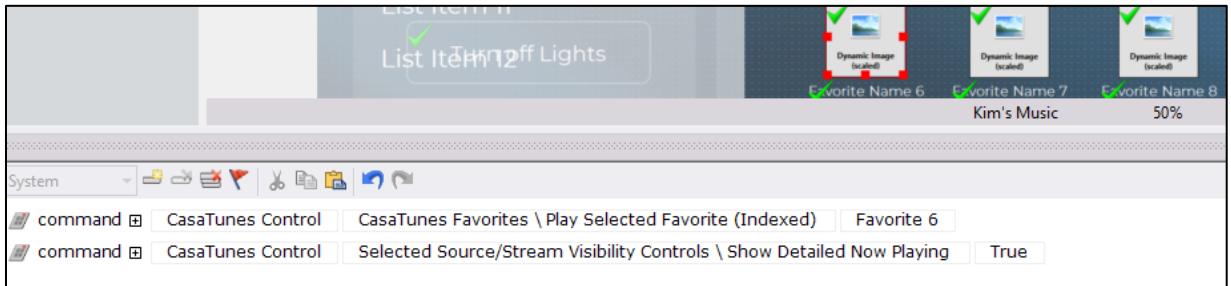
15. Add Visibility controls for each player's Keyboard, Detailed Now Playing and Main Now Playing UIs:



16. The comma key in the Keyboard may not be auto programmed. If not, pick the CasaTunes Control | Keyboard → Keyboard Characters function and change the “Typed Character” parameter to “Comma”. You will need to do this for all player pages that use the RTI Music template.
17. RTI has the text boxes backwards for the Repeat and Shuffle buttons. If they are not fixed in a future release, swap the Text boxes for the Repeat and Shuffle text above the buttons, in each Player (or remove them).
18. **Favorites Page.** Remove the Target items in the Favorites window, since clicking on a favorite immediately selects and plays the favorite.

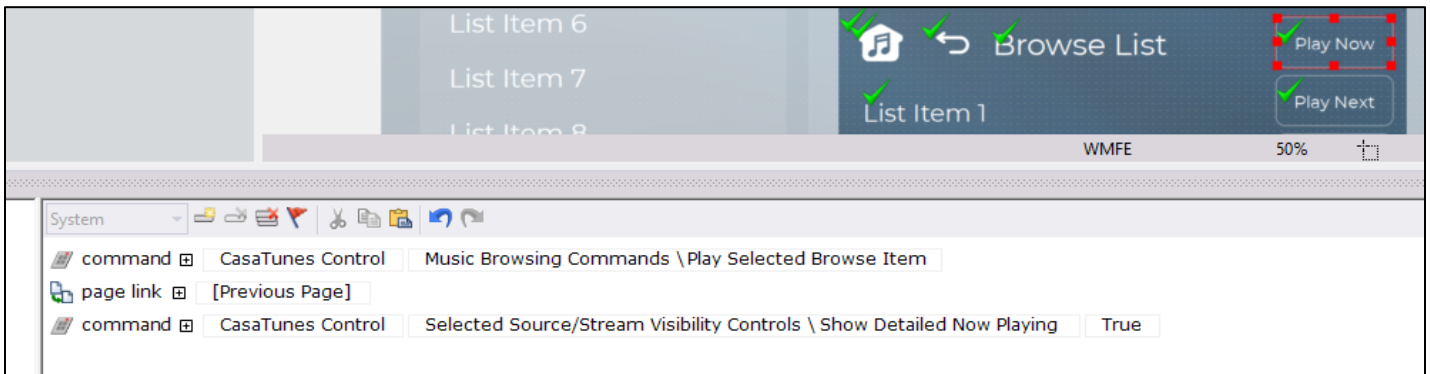
19. My Favorites, for each favorite:

- If using a Viewport, add the Show Detailed Now Playing function, with parameter set to True, like this:



- If using a Page, set the page link to go to Next Page in Group (assumes next page is the Playing page)

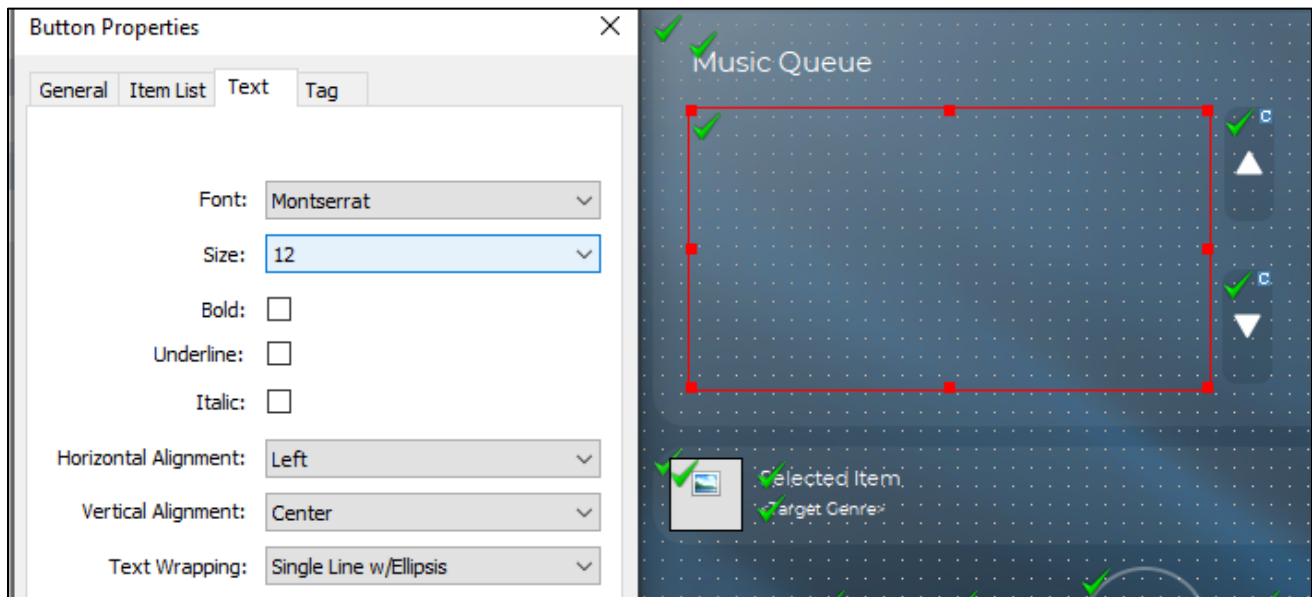
20. Similarly, in the viewport, in the Browsing window, add the Show Detailed Now Playing function, set to true, in the Play Now and Play Next buttons OR use the page link to go to the Previous Page if not using the viewport.



21. Similarly, in the viewport, add the Show Detailed Now Playing function set to true for the Queue page in the list select button:



22. Some control devices, like the Virtual Panel, default to showing browse and queue list items with text wrapping, which usually does not look right. On these devices, we recommend you right click the list, select Edit Properties | Text tab and change “Text Wrapping” to “Single Line w/Ellipsis”, like this:



23. Optionally, you may wish to change all text box headings from “RTI Music – {tag}” to “CasaTunes – {tag}”.
24. The visibility bits for some buttons in the Virtual Panel do not work. This seems to be an Apex issue.
25. If you wish to allow your customer to search for music in the Browse window, add a button with text variable: CasaTunes Control | Music Browsing List -> Search/Browse Button State. Add a macro command: CasaTunes Control | Keyboard -> Search/Browse for Music.
- When the button is shown the first time it will say Search and when the customer clicks on it, it will bring up the keyboard. After hitting enter, it will come back to the browse page with results and the button will say “Browse”. The customer can click it again to get back to normal browsing.