



APPLICATION NOTES

DMD SCHEDULER USING BITFOCUS COMPANION

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Follow the steps below to control DMD scene recall with Bitfocus Companion.

Companion can provide a quick solution to integrating DMD into a simple control system and allow the user to utilise the Companion scheduling tools.

1 CREATE THE CONNECTION

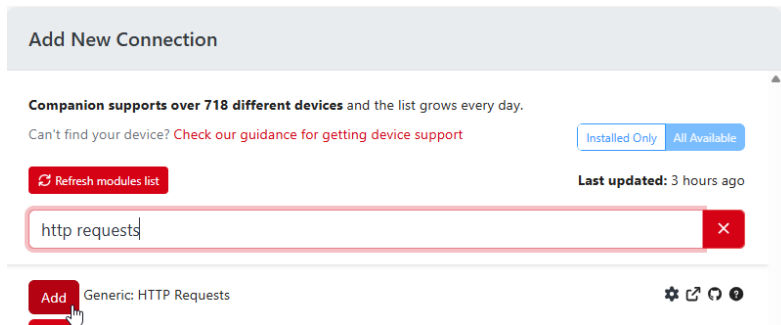


Figure 1 – Add a Generic HTTP Request connection

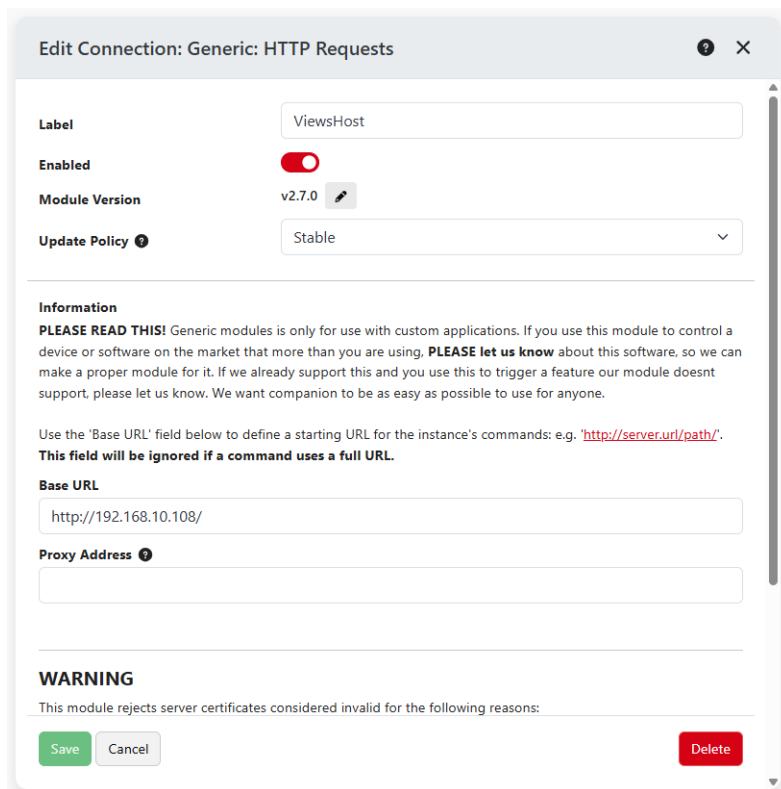


Figure 2 – Configure the HTTP Request connection with the ViewsHost IP address

2 ADD VARIABLES

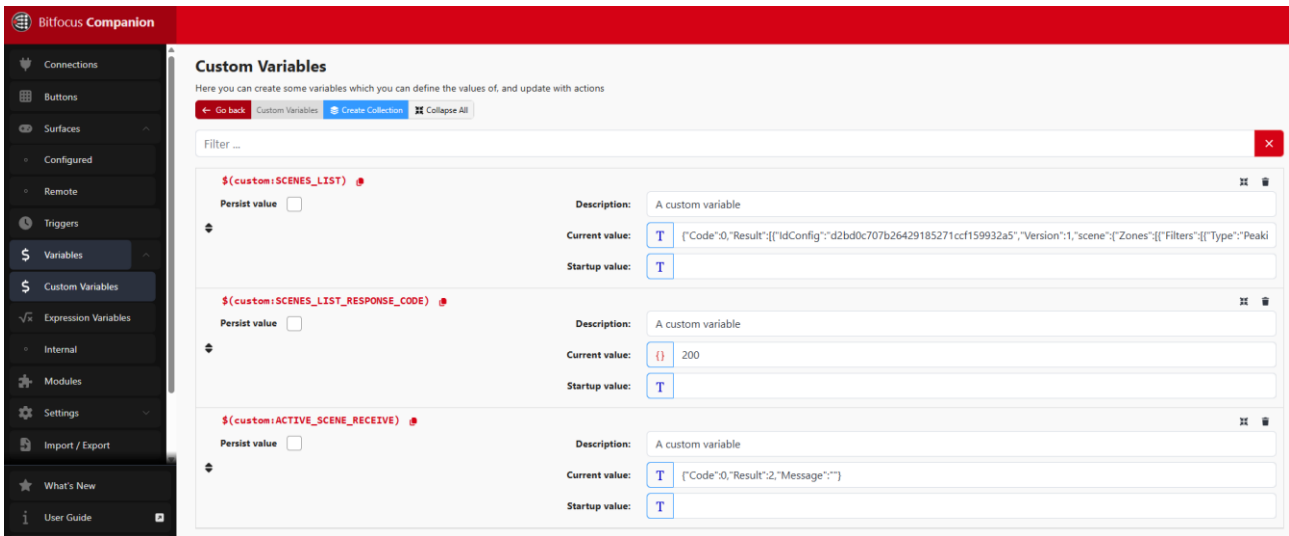


Figure 3 – Add custom variables that will be populated by time interval triggers

3 FILL VARIABLES WITH DATA

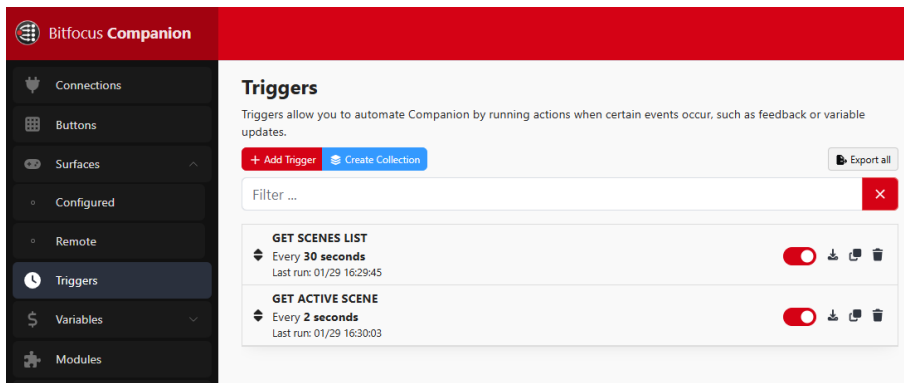


Figure 4 – Add two time-interval triggers with configuration shown below

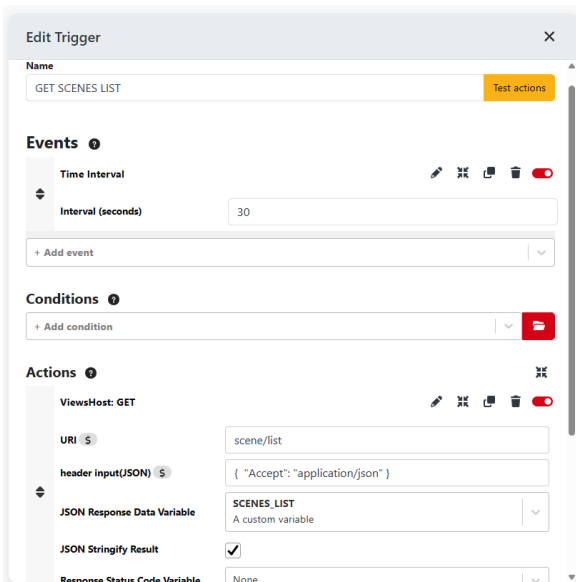


Figure 5 – Trigger to populate SCENES_LIST variable

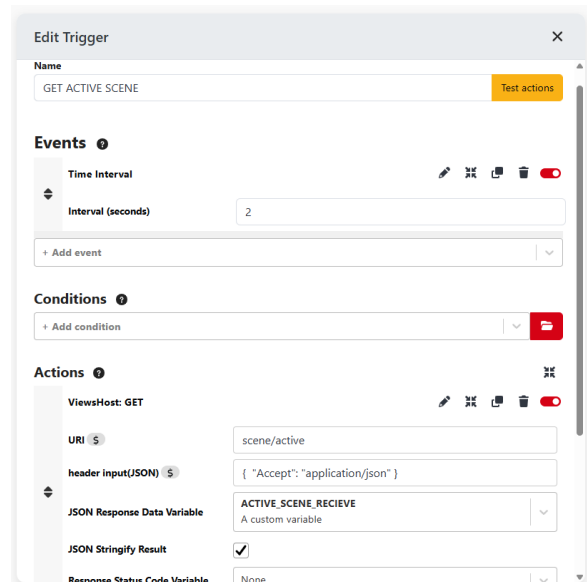


Figure 6 – Trigger to populate ACTIVE_SCENE_RECEIVE variable

4 EXTRACT DATA FROM VARIABLES

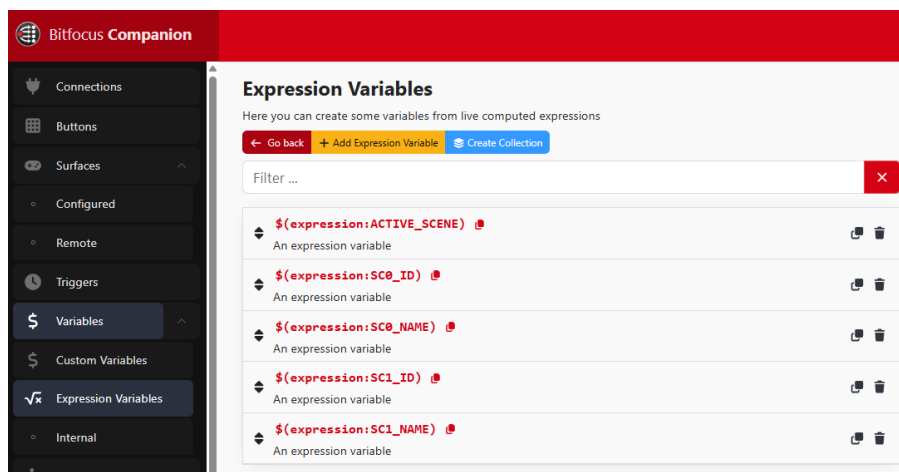


Figure 7 – Expression Variables to extract the DMD data

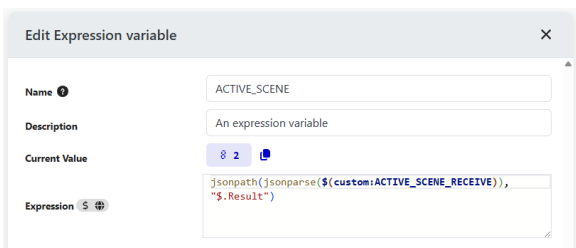


Figure 8 – Extract active scene ID

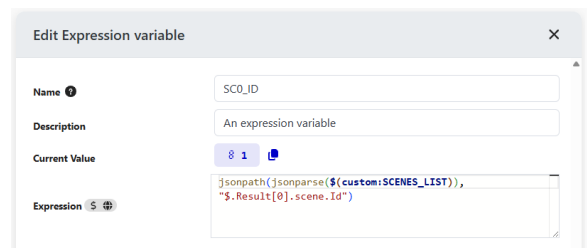


Figure 9 – Extract SCO ID

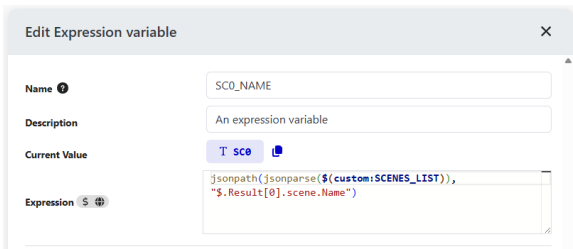


Figure 10 – Extract SC0 Name

Repeat the above by adding a `_Name` and `_ID` expression for each scene in your DMD system.

5 CREATE BUTTONS

If you want to have manual control over scene selection, add a button per scene using the `SC#_NAME` expression variable as the button name:

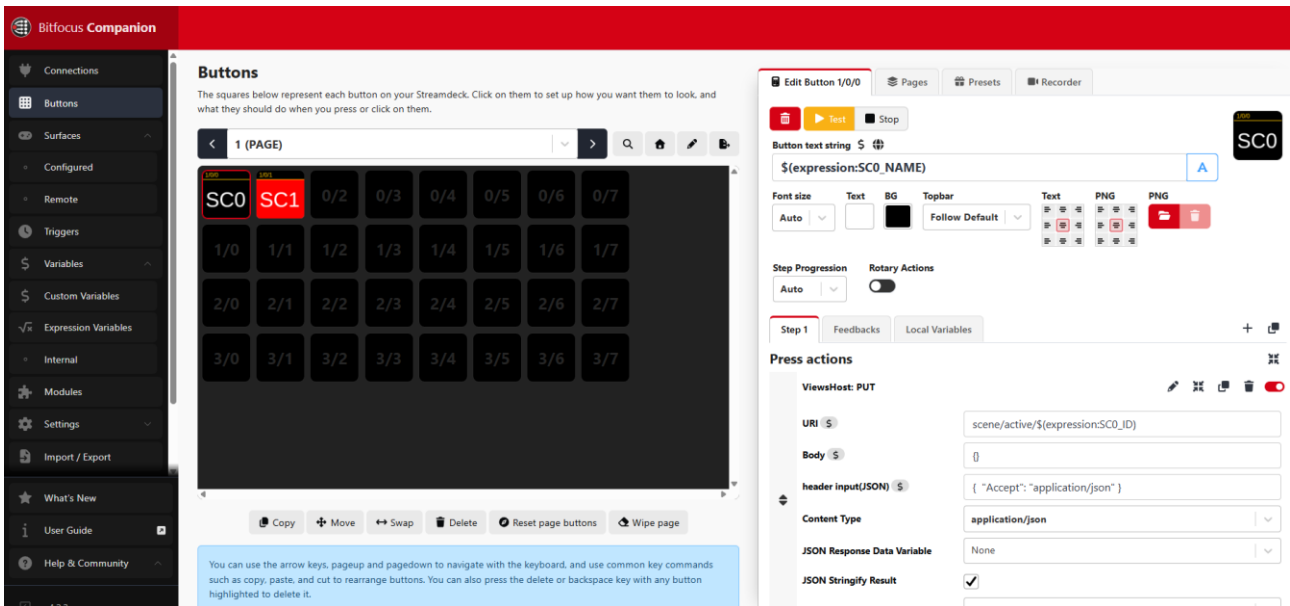


Figure 11 – Add Buttons

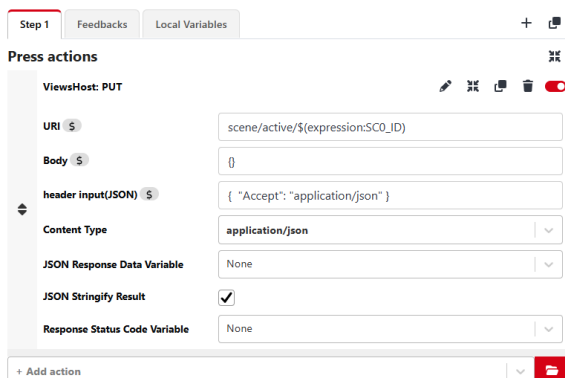


Figure 12 – Set Scene to Active on button press using a PUT action

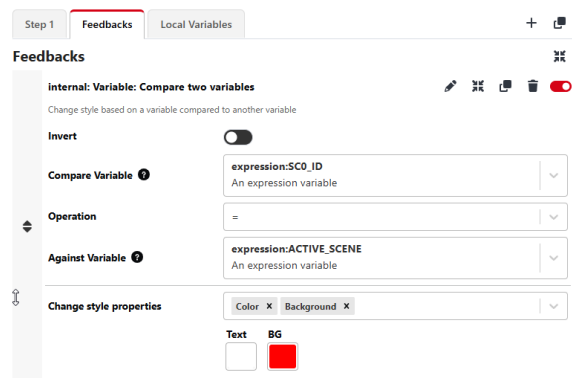


Figure 13 – Compare this button Scene ID with the active Scene ID to set the button style

6 ASSIGN TO SCHEDULE

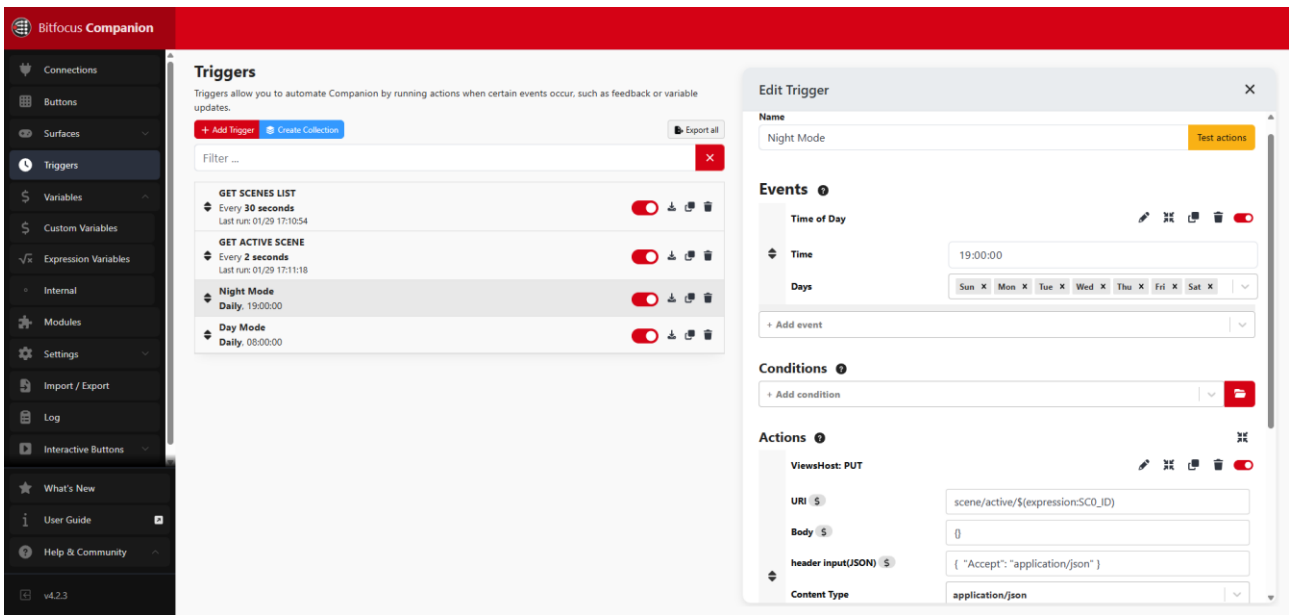


Figure 14 – Add schedule triggers to perform a PUT action to set a specific scene to be active

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