

Cumulative Modifications. Thanks to @HubJay for his recommendations and testing!

- a. Changed methods for artMode to accommodate 2022 model and pre-2022 model operations. Uses modelYear developed during setup.
- b. Update Hubitat methods on and off
 - 1) Immediately set new state
 - 2) Block out onPoll parsing for 60 seconds to preclude switch state ping-pong
 - 3) On: cause power on display mode to run.
- c. Update onPollParse to accommodate hubitat-external on/off commanding
 - 1) Obtain two off indications prior to declaring state switch to off
 - 2) Set power on display mode when on is first detected.
 - 3) If powerState = on, getArtModeStatus (Frame-TV pre 2022)
- d. Known issue: Turning power on too soon after turning power off (2 minutes) can cause anomolous behavior.
- e. Added preference and processing to scan for TV-installed applications.
- f. Modified TV App method to use the new state.appData. Added closeApp method.

SAMSUNG TV SMART APP INTERFACE

- a. New preferences:
 - 1) Scan for App Codes: Scans list of 100+ app codes to detect on your TV. Takes about 10 minutes. The TV must remain on; otherwise no restrictions. Running a second time will rescan and may detect missed or new apps.
 - 2) Delete and Rescan for App Codes: Deletes and rescans.
 - 3) SmartThings Poll Interval. In minutes. Was originally hard-coded to 5 minutes.
- b. App Open By Name: Opens an app by name using state.appData.
 - 1) Not case sensitive. App name does not need to be complete. It will start the fist app on the appList that matches the entered text. If app is not in the state.appData database will attempt the webSocket launch by name (unlikely)
 - 2) Known ambiguity: YouTube and YouTube TV.
- c. App Close. Closes the current running (attribute currentApp) application. App must be in the state.appData database.
- d. Adding undetected app using appId. A LIST OF APP CODES WITH NAMES IS EMBEDDED IN THE METHOD XXXAPLIST(). Enter the code into App Open By Code. The system will attempt to load the app and if found on your TV, will start the app and add the code to appData.
- e. Adding undetected apps with SmartThings. If the preference Connect to SmartThings is enabled, once an app starts, the SmartThings interface attempt to add a new app to appData.

NEW POWER ON THREAD

- a. Hubitat ON
 - 1) sends common Wake-on-lan message
 - 2) sets attribute switch to "on"
 - 3) blocks onPoll function for 1 minute

- 4) sets artModeStatus and runs setPowerOnMode (default display)
- b. Remote ON (including physical TV remote and SmartThings)
 - 1) Detected through onPoll/onPollParse
 - 2) If attribute switch is changed to ON, sets artModeStatus and runs setPowerOnMode.
- c. Hubitat OFF
 - 1) send power-off remote keys
 - 2) sets attribute switch to "off"
 - 3) blocks onPoll function for 1 minute
- d. Remote OFF (including physical TV remote and SmartThings)
 - 1) Detected through onPoll/onPollParse
 - 2) If switch is on, closes WS and waits for a second off indication to set attribute switch to "off"
- e. Known issue: Turning power on too soon after turning power off (2 minutes) can cause anomolous behavior.