



MY DEVICE

Schedule Manger Setup:

This document will walk you through the steps required to setup the Schedule Manager driver in an RTI Integration Designer APEX system file.

File Management:

The folder you have downloaded contains two files, "schedule.manager.rtidriver" which is the actual driver file and "Schedule Manager v1.5.apexbundle". You need to place these two files into their correct locations:

- Driver: C:\Users\<YOUR_NAME>\Documents\Integration Designer\Control Drivers
- Bundle: C:\Users\<YOUR_NAME>\Documents\Integration Designer\Templates

These are the default locations for driver and bundle files. If you have remapped these locations in APEX then you will need to place the files in your new locations.

User Interface:

At the time of writing the Schedule Manager bundle supports the following RTI controllers using the Obsidian layout.

- iPad
- KA11
- KA8
- KX10
- CX10
- KX7
- CX7

More may be added at a later date as new devices are released. You are of course free to create your own interface using the graphics of your choosing.



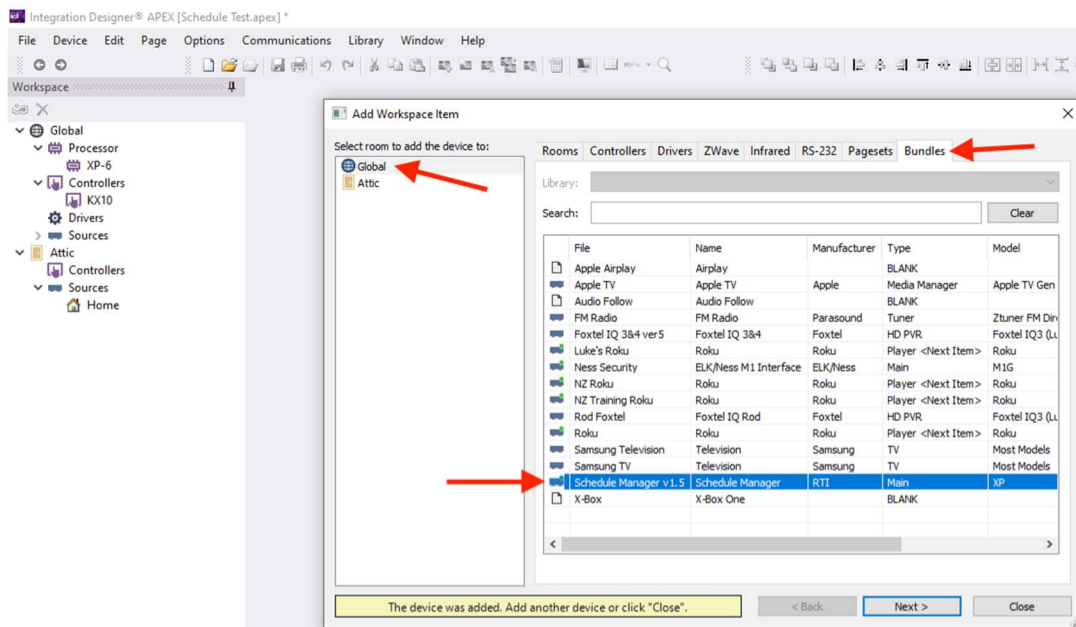
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Adding the Bundle:

Using the bundle is the simplest way to add the Schedule Manager to your project. When you add the bundle, the driver is automatically added into your project and you can choose to add the pre-built interface to any controllers in your project providing they are one of the controllers mentioned above. When adding the bundle, I would suggest the best 'Room' to place it is the Global room.

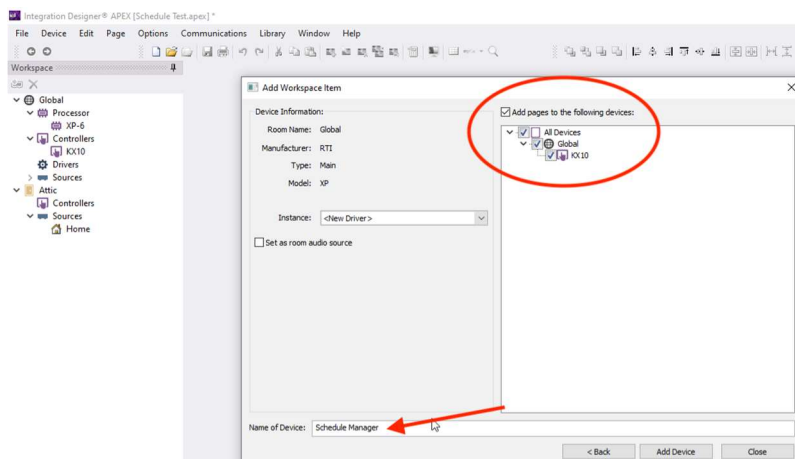
Step 1:

Go to the "Bundles" tab in the "Add Workspace Item" wizard and look for "Schedule Manager v1.5". Click on it and be sure to select "Global" as the room to add it to.



Step 2:

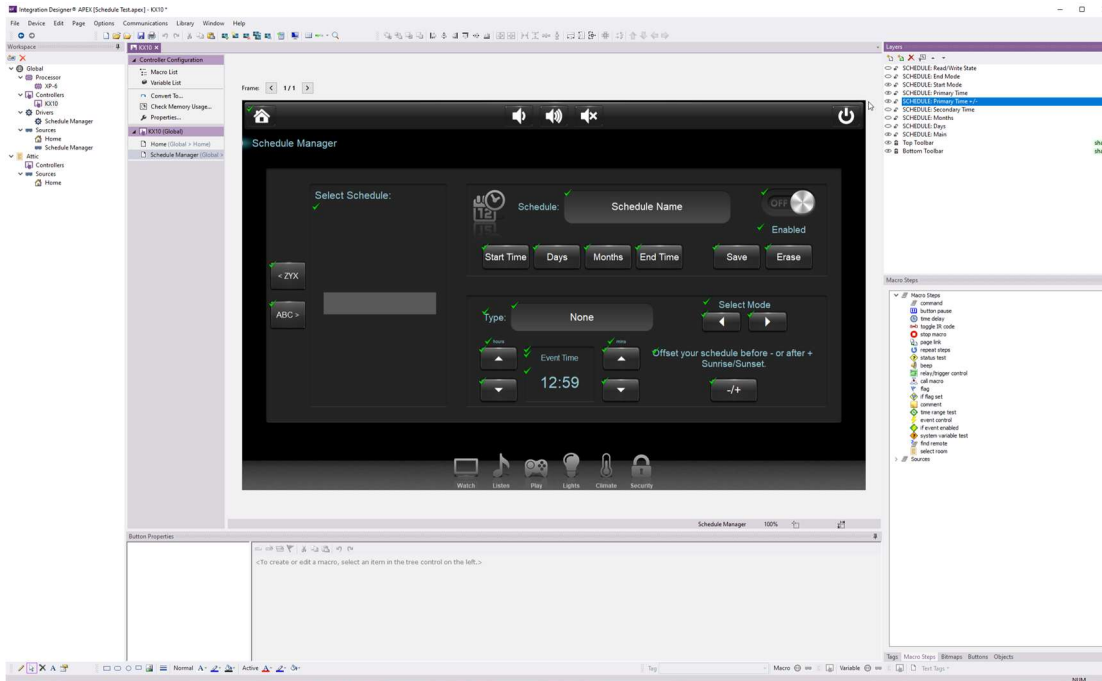
Call the bundle whatever suits your need and select which controller interfaces in the project you want it added to.





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The Interface:

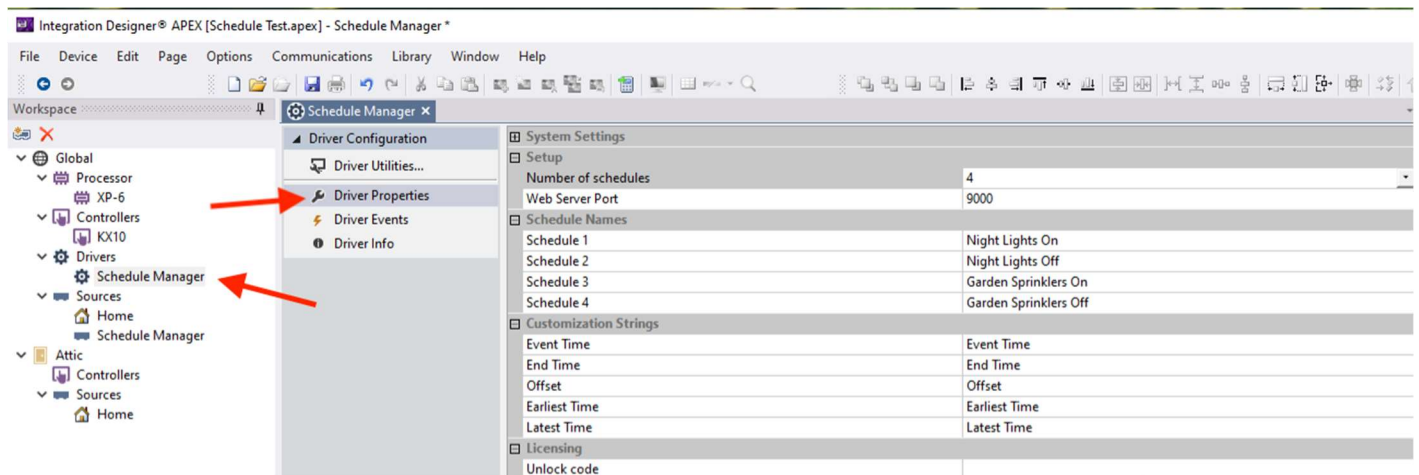


The interface is basically the same no matter what controller you've chosen. For this example, I'm showing a KX10. You will notice in layers there are a series of different layers used in the interface. These layers will show/hide depending on what the end user is doing. These layers are controlled by variables built into the driver. As you see, the user interface is ready to use! You don't need to do anything UI related. Via this interface the end user will be able to program the start and end times of the schedule by themselves. No more driving an hour in traffic to a client's house because they want their night lights to come on 5 minutes after sunset instead of 10 minutes after sunset. ☺



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Driver Config:



This is where you configure how many schedules there are to be in the project and their names. You can also customise the names of string variables in the user interface.

Number of Schedules:

This is where you declare how many schedules there are to be.

Web Server Port:

This driver gives you the ability to log into the driver via a browser and backup the end user's schedule settings. This will be covered further in the manual but basically unless you know what you're doing, leave this setting alone.

Schedule Names:

Give each schedule a meaningful name.

Customization Strings:

This is where you can edit the names given to feedback in the user interface to say what you want. For example, if you would prefer "End Time" to say "Finish Time" then you can change that here rather than having to edit the user interface.

Licensing:

This is where you enter the license key you got when you purchased the driver. Without this key the driver will run in a 60-minute trial mode. This means during testing don't set a schedule that will trigger more than 60 minutes in the future.

Once the trial expires, you can restart the trial by rebooting the XP (or uploading your project again). Do this as many times as you like.



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Driver Events:

Enable	Category	Event	Has Macro
<input checked="" type="checkbox"/>	1:Night Lights On	Schedule Start	Yes
<input checked="" type="checkbox"/>	1:Night Lights On	Schedule End	No
<input checked="" type="checkbox"/>	2:Night Lights Off	Schedule Start	No
<input checked="" type="checkbox"/>	2:Night Lights Off	Schedule End	No
<input checked="" type="checkbox"/>	3:Garden Sprinklers On	Schedule Start	No
<input checked="" type="checkbox"/>	3:Garden Sprinklers On	Schedule End	No
<input checked="" type="checkbox"/>	4:Garden Sprinklers Off	Schedule Start	No
<input checked="" type="checkbox"/>	4:Garden Sprinklers Off	Schedule End	No

Macro Steps:

- command
- time delay
- toggle IR code
- stop macro
- page link
- repeat steps
- status test
- beep
- relay/trigger control
- call macro
- flag
- if flag set
- comment
- time range test
- event control
- if event enabled
- system variable test
- find remote
- select room
- Sources
 - Schedule Manager [Global]
 - Clipsal C-Bus Plus interface [Global]
 - Lighting
 - Enable Control
 - Trigger Control
 - Set Action Selector
 - Group Pulse
 - Multi-Room Audio
 - Fan Control

Driver Events:

The next step in setting up the driver is to program what happens when ever a schedule starts or finishes. Go to driver events and you will see all the schedules you have created. Each schedule will have a Start and End event. Simply click on each schedule event and in the macro editor below drag in the steps you want to happen when that event fires. If don't want an end event for a schedule, then simply leave its macro blank.

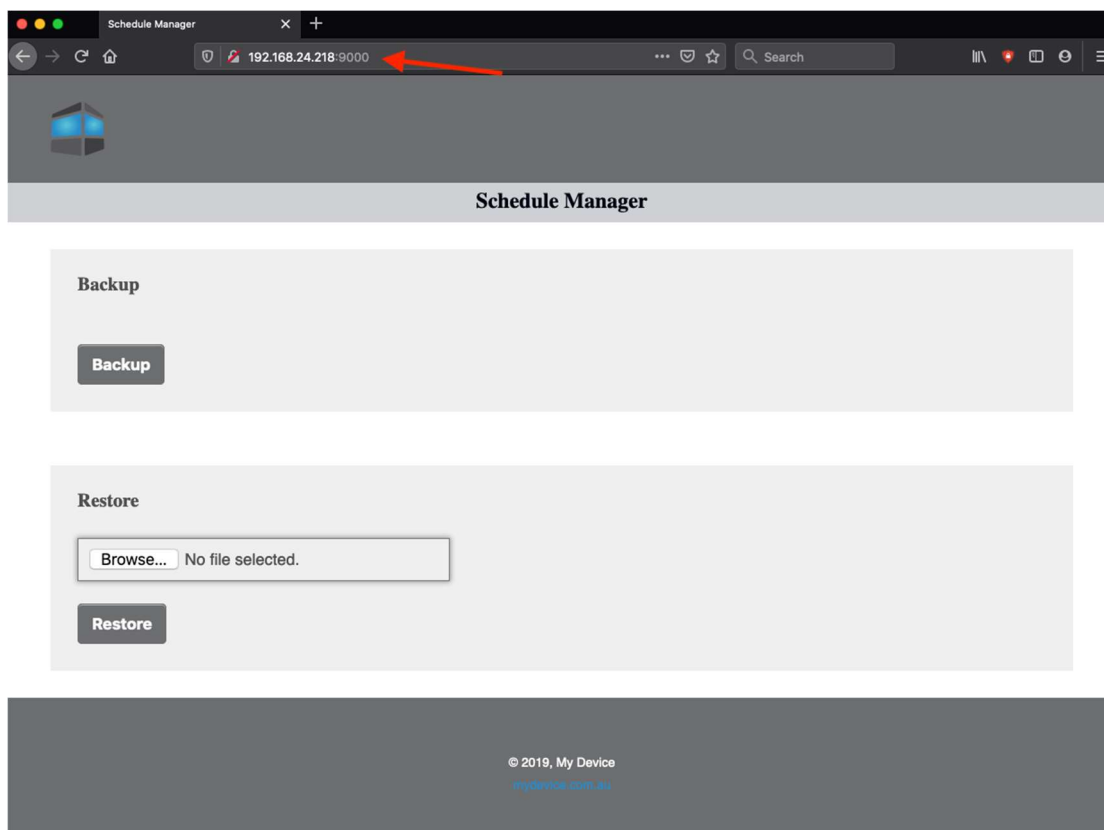


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Backing up the end users schedule data:

The Schedule Manager driver gives you the ability to backup the end users Schedule data so that in the event of a processor failure or replacement the schedule data can be loaded back into persistent memory on the processor saving the end user from having to setup the schedules again.

To create a backup, open a browser and in the URL field enter the IP address of the processor and port 9000 (or the port value set in the driver config)
i.e. <PROCESSOR IP>:9000



Backup:

Pressing backup will cause your browser to prompt you to save a file with the name of "schedulemanager.bak" Once you have created the file put it somewhere safe for future use.

Restore:

Pressing restore will prompt you to navigate to the location of "shchedulemanger.bak" and select that file. Once this is done the end user's schedule data will be restored to the XP processor.