



Programming Steps • Installation Notes • Integration Tips

USING BUNDLES IN APEX

Bundles provide the ability to export completed devices and create a device library which can be used to import devices into the existing or new project. Tags, graphics, macros, variables and even driver properties are preserved, making it very easy to build a system file using exports, or bundles, from previous projects.

When selecting a device in the workspace tree in APEX, under the source configuration partition, you will see a new option labeled "Export Source Bundle." Once an interface is designed in APEX and you are happy with the look and functionality, you may export the source bundle by clicking on this option.



In this example below, we will export an Apple TV interface on various controller types. Select the Apple TV device in the tree, and under the source configuration option, click "Export Source Bundle."

Driver Info	Export	Source Bundl	e			
Add Blank Page Merge Pages Page Wizard Export Source Bundle RTiPanel (iPhone 5 or newe	Bund Sour Ir	lle Name: ce Name: nclude Driver P	Apple TV Interfaces Player 1 [Apple TV4] roperties controllers to expect from the list b		~	
Media Player - Now Playing	Fico.	Deem	Name	Manufacture	Tune	Madel
Media Player - Navigation		Room	Name	Manufacturer	iype	Model
🖌 🔚 RTiPanel (iPhone 5 or newe		Global	RTiPanel (Phone 5 or newer)	RII	App	RTiPanel (iPhone 5
Media Player - Now Playing	H	Media Room	T3x	RTI	Handheld Control	T3x
Media Player - Navigation		Den	T2x	RTI	Handheld Control	T2x
		Bathroom	T2i	RTI	Handheld Control	T2i
🖌 🌆 T3x (Media Room)		Study	KX7	RTI	In-Wall Control	KX7
🗋 Media Player						
🚛 T2x (Den)	<					>
🗋 Media Player						
🚛 T2i (Bathroom)			ОК	Cancel		
P. Modia Playor				-		

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The Export Source Bundle popup interface will allow you to specify a bundle name. Use a descriptive name and try to include the name of your device and the type of controller or controllers used. If you have a large variety of controllers, you may name accordingly.

Select as many interfaces as you like, but you may only select one of each controller type. If you want to preserve the driver properties that populated for that device check off the "Include Driver Properties" box.

Bundle Name: Apple TV Interfa		Apple TV Interfaces		~		
Sour	ce Name:	Player 1 [Apple TV4]				
🗹 Ir	ndude Driver Pr	roperties				
Pleas	se select which	controllers to export from the list b	elow:			
	Room	Name	Manufacturer	Туре	Model	
\sim	Global	RTiPanel (iPhone 5 or newer)	RTI	App	RTiPanel (iPhone 5	
	Global	RTiPanel (iPhone 5 or newer) #2	RTI	App	RTiPanel (iPhone 5	
\checkmark	Media Room	T3x	RTI	Handheld Control	T3x	
\checkmark	Den	T2x	RTI	Handheld Control	T2x	
\checkmark	Bathroom	T2i	RTI	Handheld Control	T2i	
\checkmark	Study	KX7	RTI	In-Wall Control	KX7	
,					>	

After you click the "OK" button, APEX will export the bundle for the various controllers you specified and will create a file in the Documents/Integration Designer/Templates area. You will see a confirmation when the export completes.



Importing Bundles into APEX

Importing bundles into the same project in another room, or in a new project is just as easy. When you click on the "add workspace item" you will now see a new tab on the far right called "Bundles."

Add Workspace Item									1	-
Select room to add the device to:	Rooms	Controllers	Drivers	ZWave	Infrared	RS-232	Pagesets	Bundles	4	
🜐 Global		Contract Contractor								
Media Room	Library:									
📕 Den		1								
Bathroom	Search:									Clear

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When you select the Bundles tab, all bundles that have been exported show up in an alphabetized list. Under the "File" column you can see the name assigned to the bundle, and the "Name," "Manufacturer," "Type" and "Model" correspond to the device and driver information of the devices previously exported.

ect room to add the device to:	Roor	ns Controllers Drive	ers ZWave	Infrared RS	-232 Pagesets Bundle	s
Global					-	
Media Room	Libra	y:				
Den		1				
Bathroom	Searc	h:				Clear
Study		20	100	Income Linguistics	1.04	Elero server
		File	Name	Manufacturer	Туре	Model
	-	Apple TV Interfaces	Apple TV4	Apple	Player <next item=""></next>	Apple TV4
		CX10_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
	und .	iPad_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
	1900	Nest Devices	Nest	Nest	Thermostat <next item=""></next>	Nest/Protect
		T1-B+_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
		T2i_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
	800	T3x_2_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
	-	T3x_DirecTV	DirecTV	DirecTV	Tuner <next item=""></next>	H21
		T3x_DirecTV_Driver	DirecTV	DirecTV	Tuner <next item=""></next>	H21
	-	T3x_DTV-NO_DRIVER	DirecTV	DirecTV	Tuner <next item=""></next>	H21
		T3x_Roku4	Home		Home Page	

Simply select the bundle you wish to import into the existing or new file, and the interfaces will populate if the existing controllers exist in the system file. If they don't, the user interface for missing controllers will not populate.

Once the programmer has built a significant library of devices in the form of bundles, it is easy to create large projects. APEX will preserve the tags, the macros, and variables associated with that tag, the user interface, and if selected, driver properties. If there are custom bitmaps and tags, all of the content will be available once imported.

Devices may be used and recycled over and over again for new projects, but you may also export and import devices into the same project, should you require that device in another room.

Please contact the Dealer Experience Team with any questions.