

Lesson 4 Integrate Action File

1. Purpose

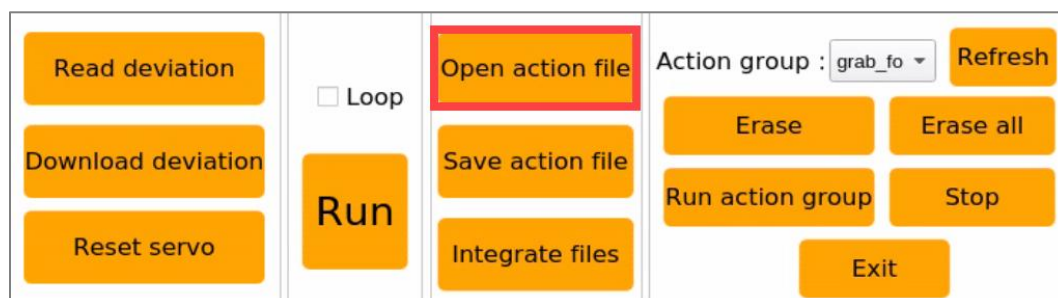
This lesson will teach you how to integrate two action groups into a new action group.

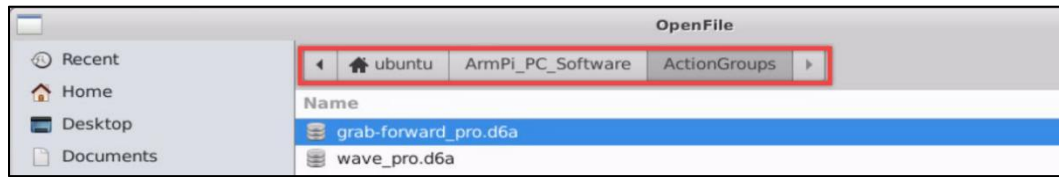
2. Operation Steps

1) Please refer to the content in “7. Raspberry Pi Board and Expansion Board Lesson/1.Raspberry Pi Lesson/3.Remote Desktop Connection” to remotely connect system and then start ArmPi Pro PC software.

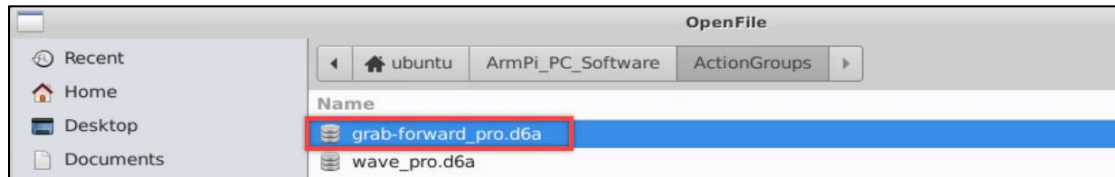


2) Click “Integrate Action File” in action setting area and select the following path:





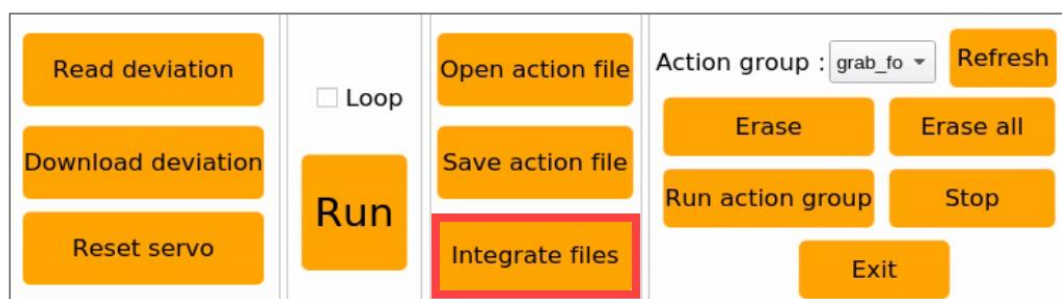
3) In the opened interface, select “rab-forward_pro.d6a” and double-click to open it.



4) At this time, we can see that the action group parameters are shown in action data list. (The image is just a part of screenshot)

	Index	Time	ID:1	ID:2	ID:3	ID:4	ID:5	ID:6
	1	800	500	500	300	900	700	500
	2	600	500	500	150	800	450	500
	3	100	500	500	150	800	450	500
	4	200	200	500	150	800	450	500
	5	800	200	500	200	800	290	500
	6	400	600	500	200	800	290	500
	7	800	600	500	155	770	520	500
	8	200	600	500	155	770	520	500
	9	400	600	500	300	770	450	500

5) Then click “Integrate action file” again and double click to open “wave_pro.d6a”. We can find that action group file has been integrated.



	Index	Time	ID:1	ID:2	ID:3	ID:4	ID:5	ID:6
	10	100	600	500	300	770	450	500
	11	500	600	500	300	770	300	500
	12	100	600	500	300	770	300	500
	13	200	200	500	300	770	300	500
	14	1200	500	500	300	900	700	500
	15	500	300	500	300	900	700	500
	16	500	300	500	300	900	700	400
	17	200	300	500	300	900	700	400
	18	200	300	200	300	900	700	400

6) Select No.1 action and click “Run” to run the integrated action group once.

	Index	Time	ID:1	ID:2	ID:3	ID:4	ID:5	ID:6
▶	1	800	500	500	300	900	700	500
	2	600	500	500	150	800	450	500
	3	100	500	500	150	800	450	500
	4	200	200	500	150	800	450	500
	5	800	200	500	200	800	290	500
	6	400	600	500	200	800	290	500
	7	800	600	500	155	770	520	500
	8	200	600	500	155	770	520	500
	9	400	600	500	300	770	450	500

Running time ms
Manual coding
Add action
Update action
Move up

Total time 9.7 s
Read angle
Delete action
Delete all
Insert action
Move down

Read deviation
Download deviation
Reset servo

☐ Loop

Run

Open action file
Save action file
Integrate files

Action group : Refresh
Erase
Erase all
Run action group
Stop
Exit

7) Click “Save action file” to save this new action group.

Read deviation Download deviation Reset servo	<input type="checkbox"/> Loop	Open action file	Action group : <input type="text" value="grab_fo"/> Refresh
	<div>Run</div>	<div>Save action file</div>	Erase Erase all
	Integrate files	Run action group Stop	
			Exit

8) Name the action group. (“wave_and_grab_forwad” is a example name)

Note: The name must be English and not space is included. It is recommended to replace space with underline.

