


## Lesson 2 Call Action Group

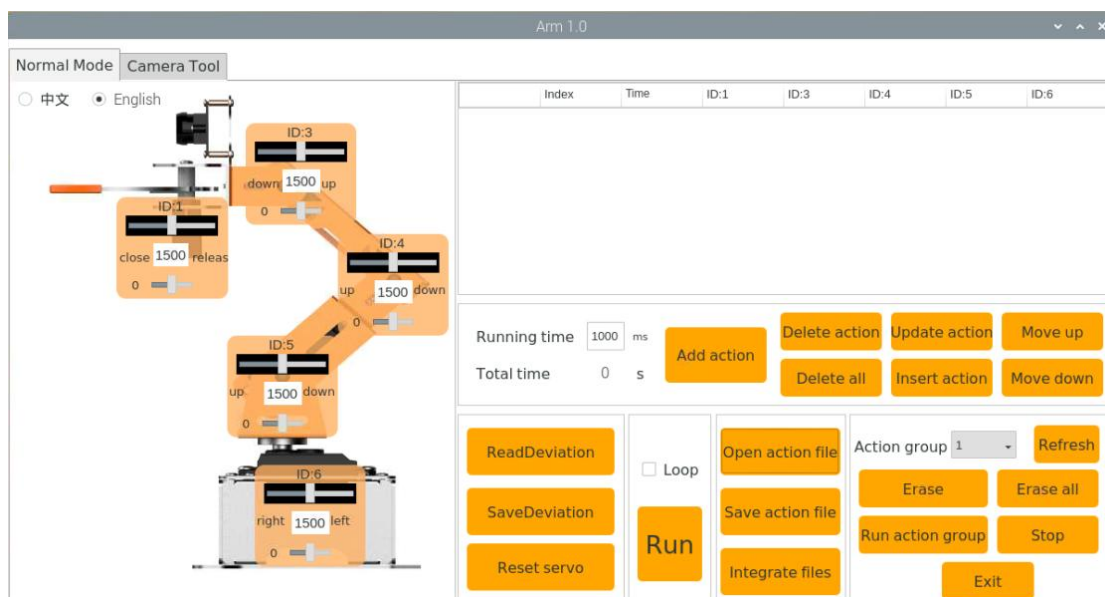
MasterPi already has built-in action groups before delivery. The action groups are saved in “/home/pi/MasterPi/ActionGroups”. You can view and call the built-in action group through PC software and the specific operation steps are as follow:

### 1. Operation Steps

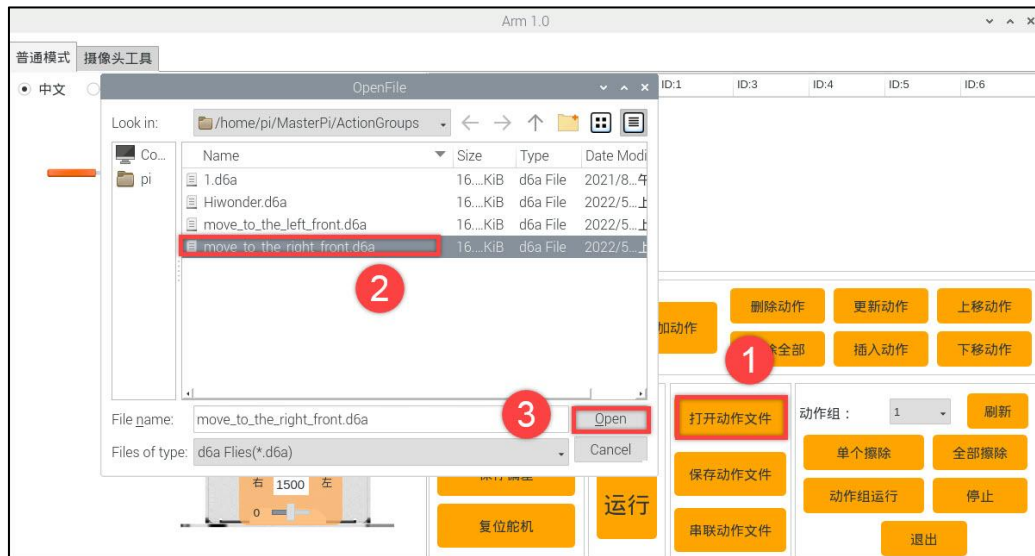
- 1) Please refer to the operation steps in file “1.Getting Ready/Lesson 3 Deviation Adjustment/1.Set Environment Development” to install VNC and connect to Raspberry Pi system desktop



- 2) Double-click  on system desktop, and then click “Execute” in pop-up prompt window to enter PC software, as the figure shown below:



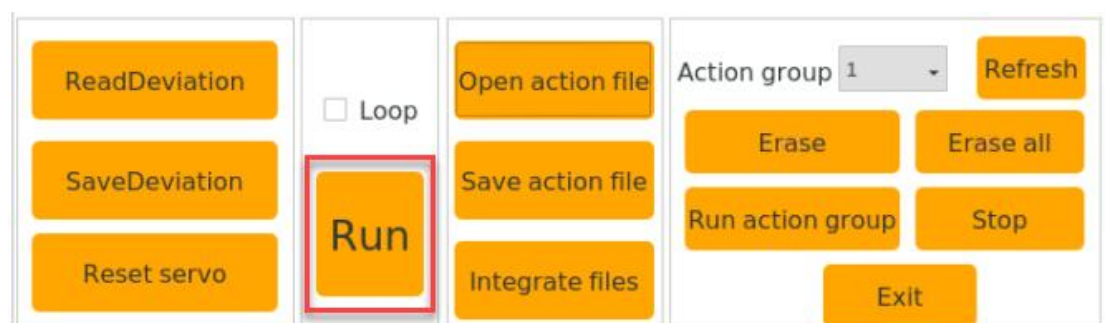
- 3) Then, click “Open action file” and select the action group to be executed, then click “Open”.



- 4) Now, action data list will display the servo value and running time of each action. (The screenshot shown below just display part of actions)

	Index	Time	ID:1	ID:3	ID:4	ID:5	ID:6
▶	1	200	1500	590	2500	700	1500
	2	1200	1500	590	2500	1818	1500
	3	300	1500	590	2500	1818	1500
	4	800	1500	590	2023	2091	1500
	5	200	1500	590	2023	2091	1500
	6	400	1932	590	2023	2091	1500
	7	200	1950	590	2050	2090	1500
	8	800	1950	750	2050	2360	1500
	9	200	1950	750	2050	2360	1500

- 5) Click “Run” to perform all actions in action data list. If want to perform the current action group repeatedly, you can click “loop”.

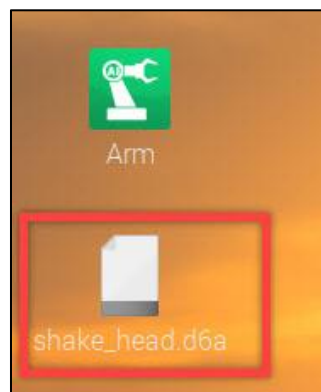



## 2. Import External Action Group

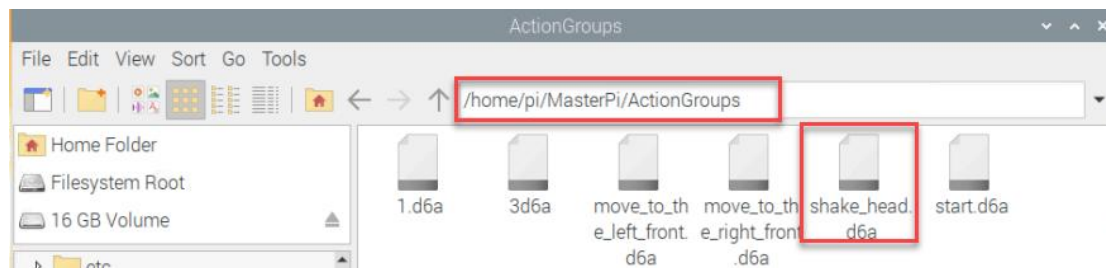
If want to call external action group, you can refer to the following operation steps. This section will import an action group “**shake\_hand.d6a**” as example.


(The action group file must end in “.d6a”)

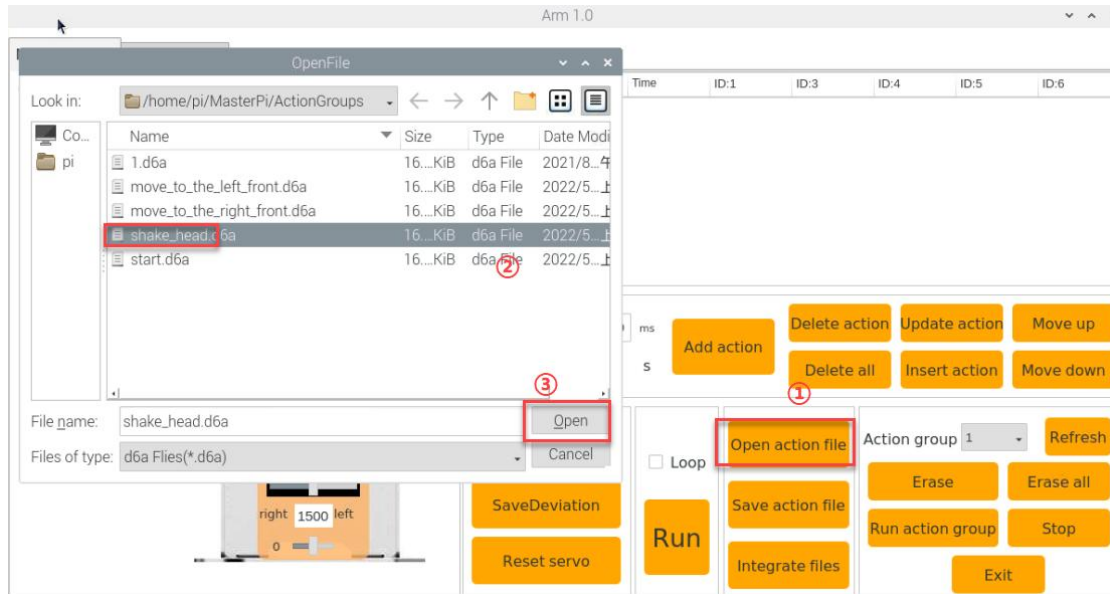
- 1) Insert a U disk with action file into any one of USB ports of Raspberry Pi, and then paste the action file to the system desktop, as the figure shown below:



- 2) Click  and move the action file to the path “/home/pi/MasterPi/ActionGroups”, as the figure shown below:



- 3) Then, double click  and click “execute” to open PC software.
- 4) Click “Open action file”. Find the action group file to be imported and click “Open”.



- 5) At this time, action data list will display the servo value and running time of each action.

	Index	Time	ID:1	ID:3	ID:4	ID:5	ID:6
▶	1	2000	1500	590	2500	700	1500
	2	800	1500	590	2500	700	550
	3	100	1500	590	2500	700	550
	4	1000	1500	590	2500	700	2230
	5	100	1500	590	2500	700	2230
	6	1000	1500	590	2500	700	550
	7	100	1500	590	2500	700	550
	8	1000	1500	590	2500	700	2230
	9	500	1500	590	2500	700	1500