Lesson 4 Integrate Action Files

1. Project Outcome

Learn action files integration function to integrate several action group files into a new action.

2. Complete Program

Step 1: Open xArm ESP32 PC software, connect the serial port, and then click "open action file" in action setting area to open "01" action file in the folder "5.Appendix/xArm ESP32 Action Group Files".

Step 2: you can view the specific data of No.1 action group is shown in the action group data list.

Index	Time(ms)	ID:1	ID:2	ID:3	ID:4	ID:5	ID:6
1	800	300	500	300	900	700	500
2	800	300	500	150	800	450	500
3	200	300	500	150	800	450	500
4	400	550	500	150	800	450	500
5	200	550	500	150	800	450	500
6	500	550	500	155	800	520	500
7	200	550	500	155	800	520	500
8	800	550	500	300	800	450	500
9	400	550	500	300	800	450	500
10	600	300	500	300	800	450	500
11	200	300	500	300	800	450	500
12	800	300	500	300	900	700	500

Step 3: Click "Integrate action file", and then select "02" action file.

Step 4: In action data list, the action parameters of the "02" action group are connected below the No. 1 action group.

Index	Time(ms)	ID:1	ID:2	ID:3	ID:4	ID:5	ID:6
1	800	300	500	300	900	700	500
2	800	300	500	150	800	450	500
3	200	300	500	150	800	450	500
4	400	550	500	150	800	450	500
5	200	550	500	150	800	450	500
6	500	550	500	155	800	520	500
7	200	550	500	155	800	520	500
8	800	550	500	300	800	450	500
9	400	550	500	300	800	450	500
10	600	300	500	300	800	450	500
11	200	300	500	300	800	450	500
12	800	300	500	300	900	700	500
13	800	300	500	300	900	700	500
14	1500	300	500	170	660	330	500
15	400	300	500	170	660	330	500
16	400	550	500	170	660	330	500
17	200	550	500	170	660	330	500
18	700	550	500	140	660	380	500
19	200	550	500	140	660	380	500
20	700	550	500	90	760	480	500
21	400	550	500	90	760	480	500
22	400	300	500	90	760	480	500

Step 5: Click "Online running" to run the new integrated action group once.

Step 6: Click "save action file" to save the new integrated action group for debugging later. The action group is named as "121".