



Activity 2

Introducing the RM[®] MechRC[™] Animator software

Having seen the ED-E stand and wave it is your turn to create that wave in the software.

1. Load the software
The first frame shows the **'Home'** position. The robot is in the neutral position of standing with arms by its side.



Your task is to make the on screen robot wave to you.

Things to remember:

The more steps in a program the smoother it will be (on the whole!).

2. The first thing to do is duplicate the first frame. This is done by clicking on the **'Add Duplicate Frame'** button. A second frame appears to the right of the first.



3. With frame 2 selected, click and drag the left arm of the robot until it moves above the robot's head.



4. Now click on the **'Add Home Frame'** button to insert a third slide to finish off the wave.

5. Click on the green **'Play'** button to view your work. What do you notice about the move? Does the starting point seem too long? The transition time can be reduced by clicking on the **'Transition'** button. A window pops up and the time can be adjusted.



Further Programming

Now explore the use of loops. Get the robot to wave its hand continuously.