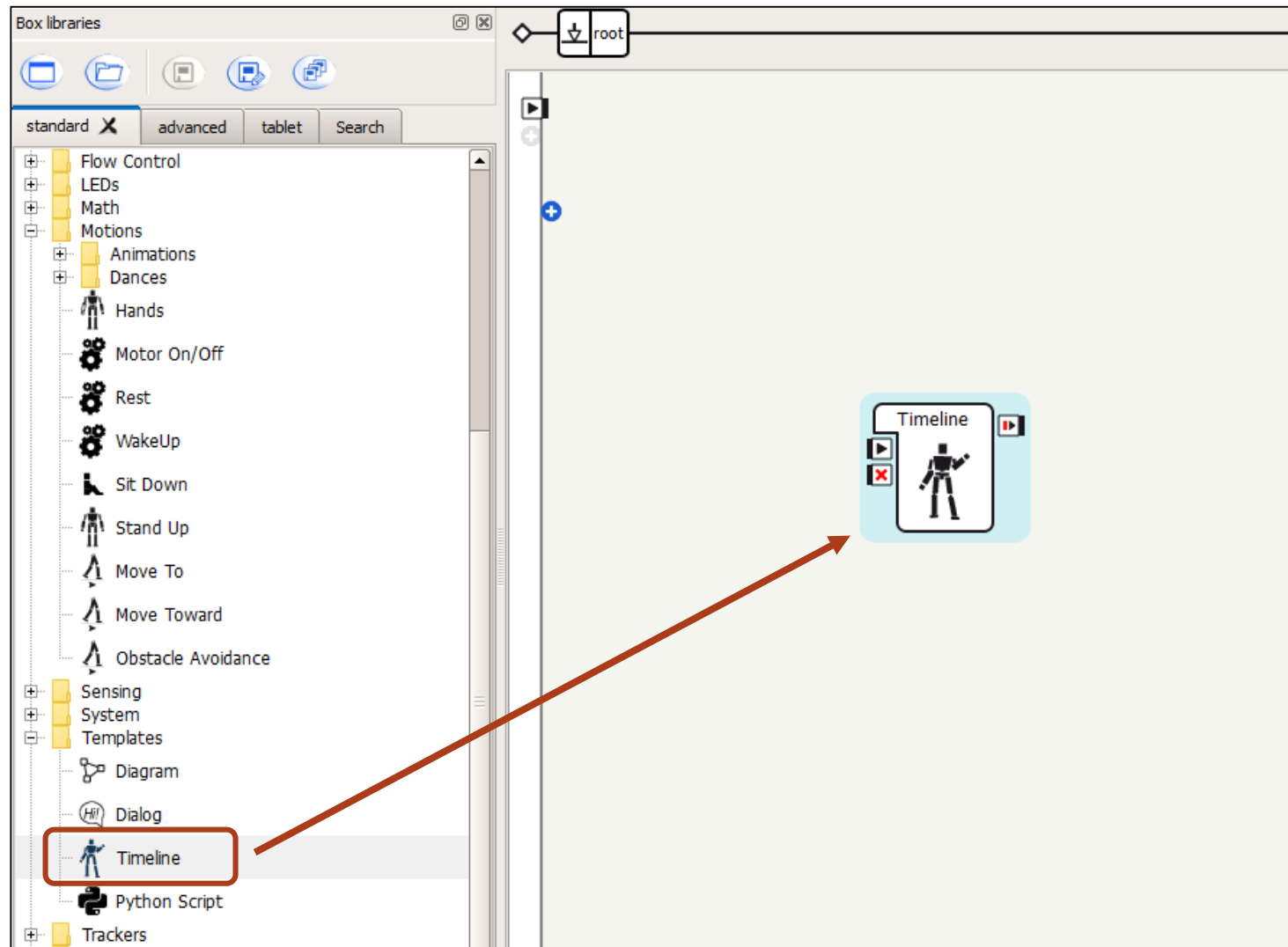


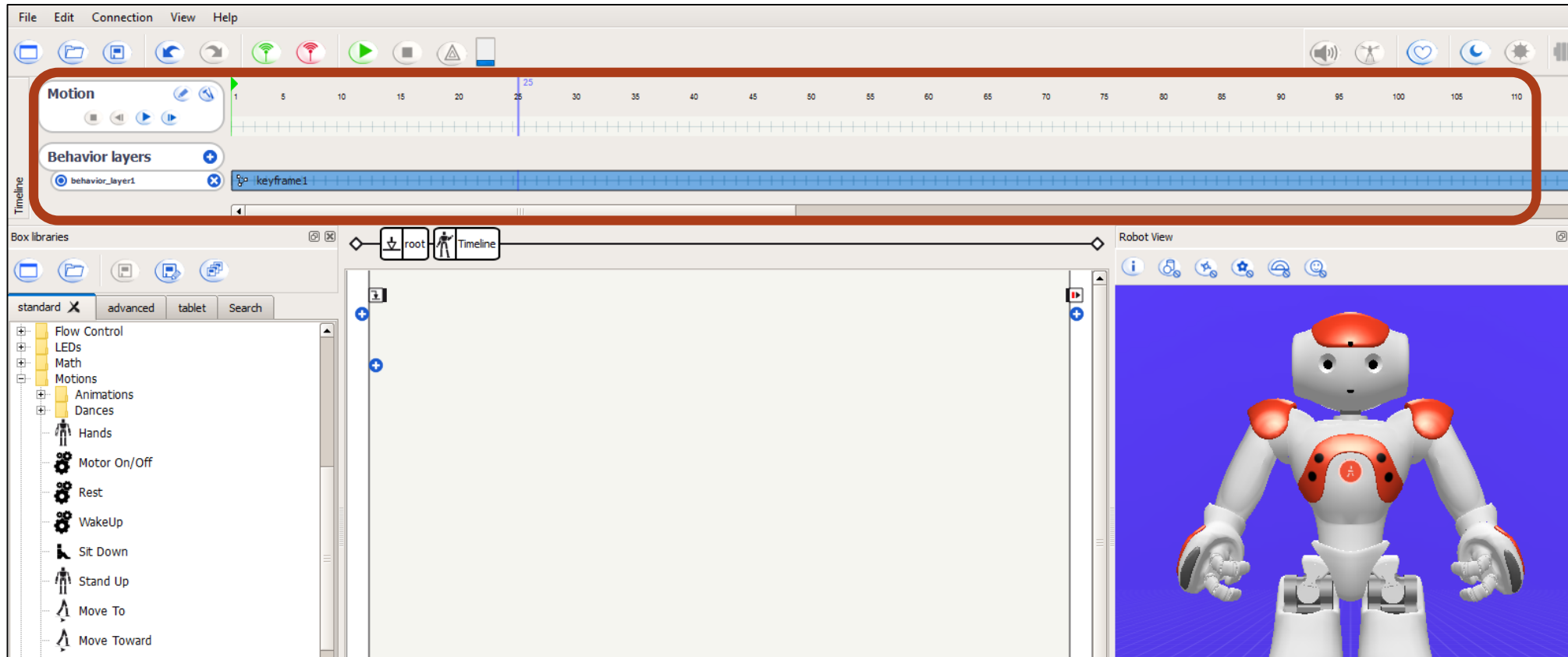
**CHOREGRAPHE:**

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**TIMELINE BASICS**



The Timeline box is found in the Box Library under Templates



When we open the Timeline box, we see something new above our Box Library and Workspace

Green flag: timeline actions will start here

Timeline: measured in milliseconds

Pose marks: poses that have been saved on the timeline

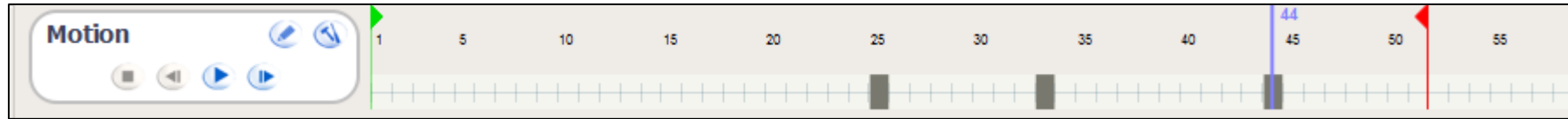
Red flag: timeline actions will stop here



Keyframes: sections of timeline used to start/stop action or mark places

# What are all these things?

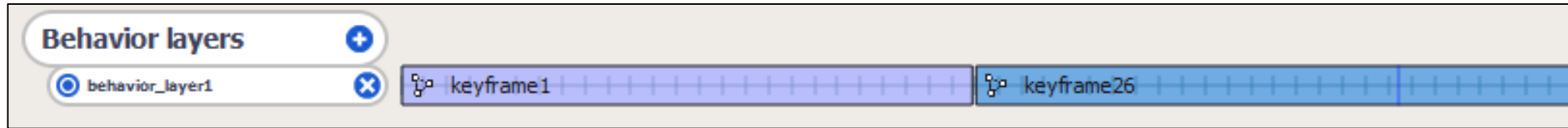
# The Motion Layer



Use this layer to save physical poses for the robot

Each pose mark represents a physical pose

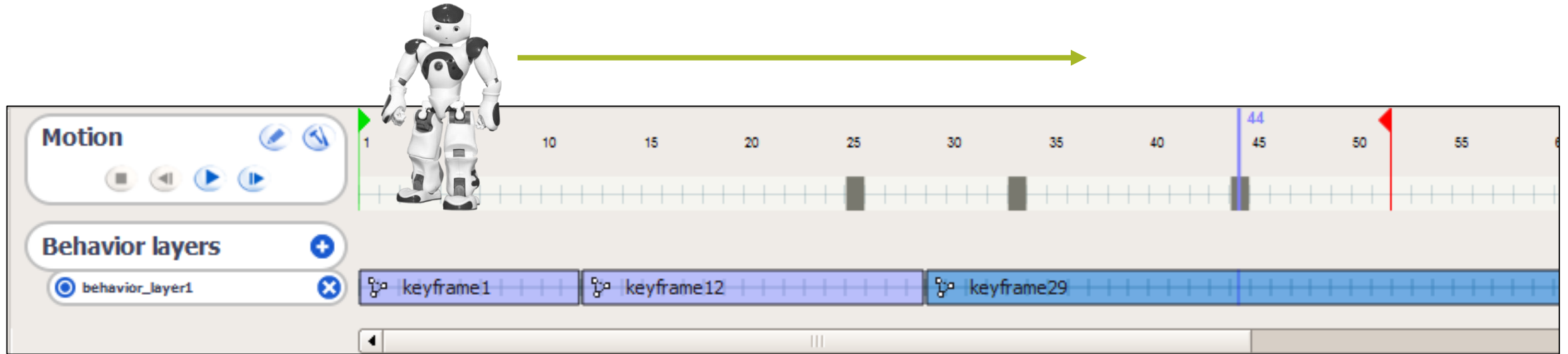
# Key Frames



Can be used to label sections of the timeline

Can be used to start and stop other actions (like playing sounds, speaking, flashing lights)

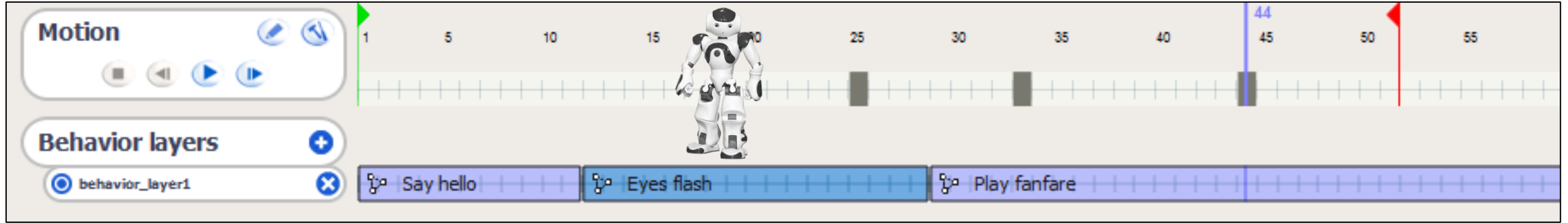
# What does this mean?



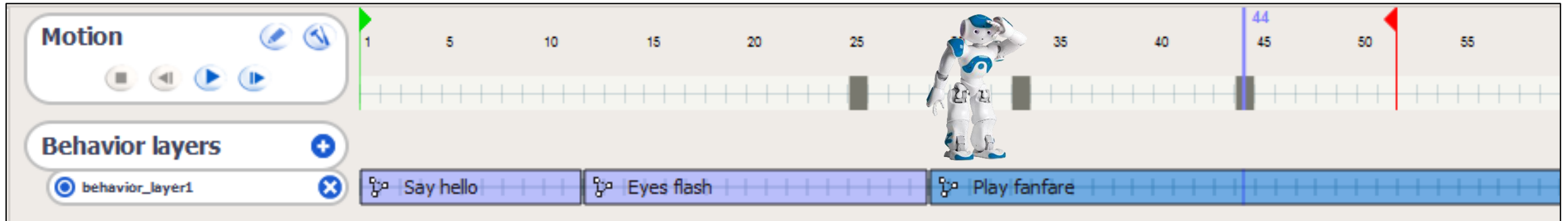
Picture the robot moving down the number line

When it gets to a pose mark, it assumes that pose

While it is in a key frame, it does the action that has been added to that key frame



At this point it would have finished saying hello and would be flashing its eyes



At this point it would have finished flashing its eyes and would be playing a fanfare PLUS doing the pose from the pose mark at 25 milliseconds



# These are the BASICS!

You'll learn more about

Poses

Special Effects

Key Frames

and Behavior Layers

in each Step by Step Timeline class!

