

Shimi Scripting Instructions

Time (sec) ; Gesture/DoF ; Duration ; Position (only if DoF)

Definitions:

Time: A float describing the time in seconds for the movement to start

Gesture/DoF: A string that describes a higher level gesture or individual degree-of-freedom

Duration: A float describing the duration in seconds for the movement to be completed

Position: (optional) If the second parameter is a DoF then a target position is required indicating where to move the motor

Individual DoF strings (all locations in range (-1, 1)):

NeckRL: The right/left DoF of the neck

NeckUD: The Up/down DoF of the neck

Head: The Up/Down DoF of the head

Hand: The right/left DoF of the hand

Higher level complete gesture library

Tap: foot

swoopRight: NeckRL, NeckUD, Head

swoopLeft: NeckRL, NeckUD, Head

swoopRightMid: NeckRL, NeckUD, Head

swoopLeftMid: NeckRL, NeckUD, Head

swoopDownLeft: NeckRL, NeckUD, Head

swoopDownRight: NeckRL, NeckUD, Head

hiphopNodLow: NeckRL, NeckUD, Head

hiphopNod: NeckRL, NeckUD, Head

hiphopNodHigh: NeckRL, NeckUD, Head