

Objects Covered Cheatsheet

Part 11

Object []	What it does	Example Arguments (where applicable)
[mousestate]	Reports information coming from the mouse when it's told to by the (poll) message. Outputs button state, X position, Y position, X delta, and Y delta. Keep in mind that it reports (0,0) as the top left corner.	
[screensize]	Outputs the monitor size as a list when it receives a (bang). List outputs the coordinates for left, top, right bottom - e.g. (0 0 1920 1080)	
[coll]	ESSENTIAL OBJECT! Stores a collection of data that can be accessed using an index number to output the values. Argument is the collection's name. Data storage format is "IndexNumber, Values;" for each line, where any number of values are separated by spaces so long as the line terminates with a semi-colon. You can tell it to load a specific .txt file with the (read X.txt) message, then simply send it the index number to get the values as a list.	[coll pitchClasses]
[translate]	Converts between different time values. Arguments are the input and output values, respectively. Formats are ticks, ms, bars.beats.units, samples, hz, notevalues, and hh:mm:ss. See https://docs.cycling74.com/max8/vignettes/maxtime_syntax#Table_of_Ticks_and_Note_Values for more information on time value syntax.	[translate notevalues ms]