

## enemy group move

Monday, October 20, 2014 8:33 PM

2 Arrays of floats -  $x$  colPositions,  $y$  rowPositions  
 colPositions - size = # of enemy cols  
 rowPositions - size = # of enemy rows

To group move:

increment colPositions  
 if edge reached:  
 reverse velocity ( $x$ )

set enemy position if !Attacking  
 to position(colPositions[colPositionIndex],  
 rowPositions[rowPositionIndex])

If enemy is Attacking &  
 attackState != ATTACK;  
 ADD to & same as group move. Amovar

When returning: time for position given  
 by index's.

	0	1	2	3	4	5	6	7	
rowPositions	0								$y_1$
1									$y_2$
2									$y_3$
3									$y_4$
4									$y_5$
	$x_1$	$x_2$	$x_3$	$x_4$	...	...	...	...	

enemy needs 2 variables  
 int colPositionIndex  
 int rowPositionIndex

row[0] = position.y for ...  
 col[0] = position.x for ...

loop and fill 2 contributors  
 then double loop to fill  
 enemy with indexing

enemy rows < # of rows!  
 enemy cols < # of cols!