

AOZ Studio Beta - Bug #301

Scaled bobs not always triggering collision detection

03/11/2020 06:22 PM - Paul Kitching

Status:	Closed	Start date:	03/11/2020
Priority:	Normal	Due date:	
Assignee:	Francois Lionet	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	0.9.8.1		
Affected version:	0.9.6.4		

Description

When I scale a bob, the detection isn't being detected. I've attached an example (with test bobs), but here is the code:

```
#manifest: "pc"
#displayWidth:1920
#displayHeight:1080
#fullScreen:true
#fps:false
#splashScreen:false
by=1
by2=10
do
  cls
  bob 1,10,by,1
  if mouse key=1 then bob scale 1,100,1:by2=80
  bob 2,by2,10,2
  if bob col(2) then locate 1,5:print "HIT"
  wait vbl
  inc by
  if by>100 then by=1
Loop
```

IMPORTANT! Press the mouse button to activate the scaling. When it first runs it detects the collisions, then when you press the mouse, it doesn't.

History

#1 - 03/11/2020 08:15 PM - Paul Kitching

In further tests, if I check for a collision at the beginning position (as though it isn't scaled), I'm getting an internal error.

#2 - 03/19/2020 07:00 PM - Paul Kitching

- Affected version changed from 0.9.6.3 to 0.9.7

It's now detecting okay for positive numbers, but not negative.

You'll need a couple of bobs to test this.

```
#manifest: "pc"
#displayWidth:1920
#displayHeight:1080
#fullScreen:true
#splashScreen:false
#fps:false

for y=50 to 250
  cls
  bob 1,100,y,1
  bob 2,150,100,2
  bob scale 1,10,1
  if bob col(2,1) then locate 1,1:print "hit"
  wait vbl
next y
for y=50 to 250
```

```
cls
bob 1,600,y,1
bob 2,550,100,2
bob scale 1,-10,1
if bob col(2,1) then locate 1,1:print "hit"
wait vbl
next y
end
```

#3 - 03/19/2020 09:48 PM - Baptiste Pillot

- Affected version changed from 0.9.7 to 0.9.6.4

#4 - 04/16/2020 04:49 AM - Francois Lionet

- File Desktop 2020.04.16 - 06.47.31.01.mp4 added

- Status changed from New to Resolved

- Target version set to 0.9.8.1

Works in 0.9.8, see video.

#5 - 08/04/2020 02:08 PM - Paul Kitching

- Status changed from Resolved to Closed

Files

ColDetection.aozip	3.11 KB	03/11/2020	Paul Kitching
Desktop 2020.04.16 - 06.47.31.01.mp4	2.81 MB	04/16/2020	Francois Lionet