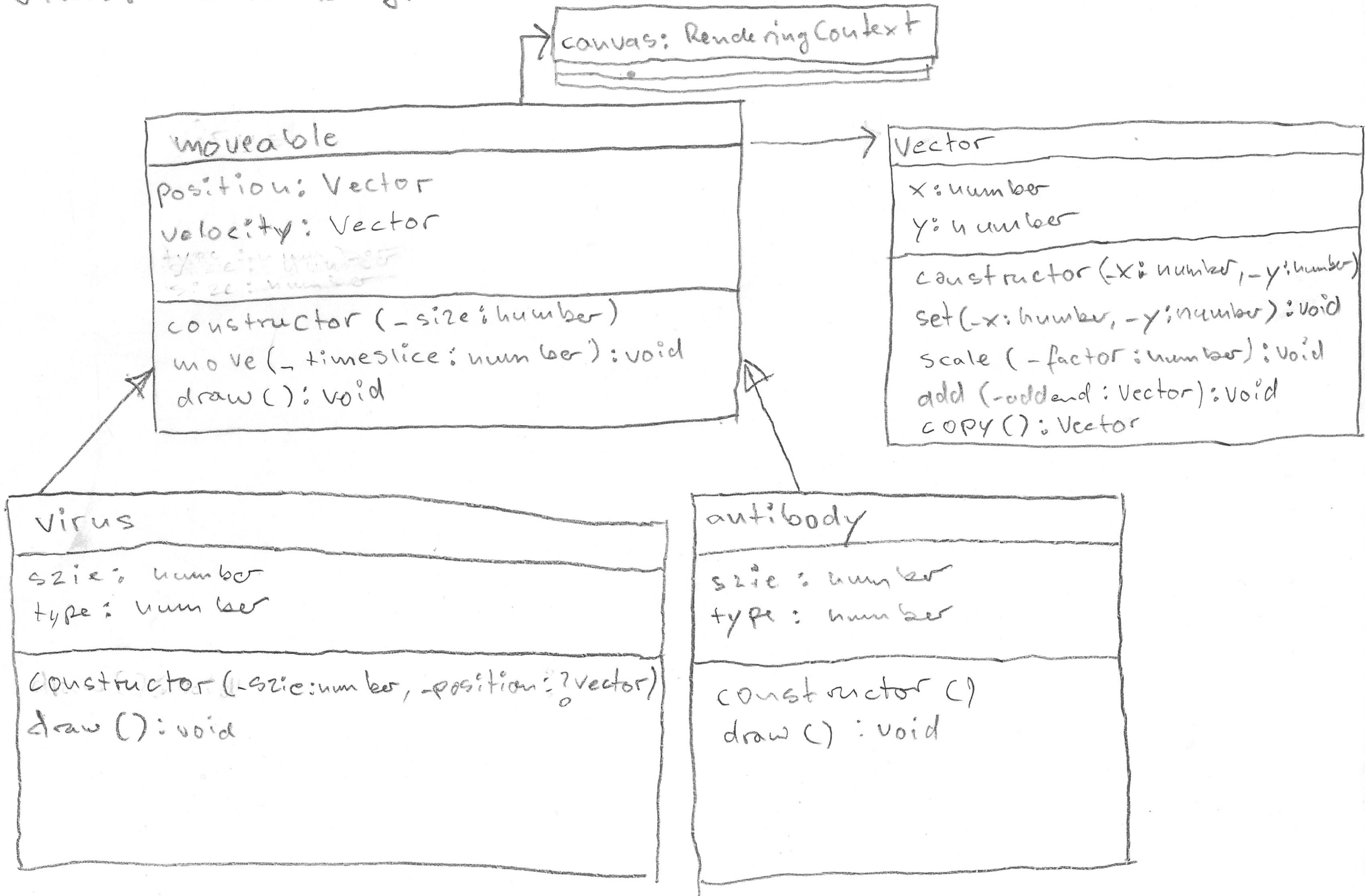


Virus: Class Diagram



Moveable : AD

constructor -position?; vector



set position to
-position or (0,0)



set velocity to (0,0)

draw



move

-timeslice in number



add velocity - timeslice
to position



[position component
< 0]

[position component
> canvas dimension]



add canvas -
dimension to
component

subtract canvas -
dimension from
component



Virus: AD

constructor

size: number
Position: ? vector

Super(-Position)

Set velocity to random
direction and random length
 $> \text{min}$ $< \text{max}$

randomly choose type

Set size to size



move

add velocity to position to
get new position

[position.x > width
< 0]

[position.y > height
< 0]

add random
direction to
component

add random
direction to
component



draw

save transform

transform to position

scale to size

draw path representing
type

restore transform

