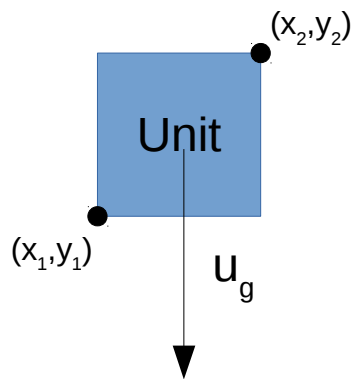


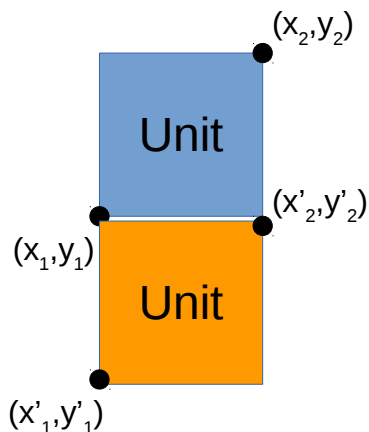
$$[\vec{u}] = \frac{points}{frame}$$

Size and position of unit can be described by two points: left bottom (x_1, y_1) and top right (x_2, y_2) .

For describe current state of the unit in the world it's enough to have a two current speed vectors: vertical and horizontal. Measure of speed in our game context is points per frame. Each frame = n seconds. Also it is speed given by gravitation, and it always force unit.



If unit is alone with no other units, it has only vertical gravitation speed, which make unit move down.



If two blocks bumped, block with lower priority takes speed of block with higher priority. So each unit should have priority. Units of ground and walls normally have the largest priority.