. The reason we need to normalise to Target Vector because the distance from the enemy to the character with change early frame. . And we just need a vector with a consistent length pointed in the correct duction. . So the Vector from the enemy to the character normalized will be have a length of one ito Target!

[CH]

Length

Length 2 Repetition (Energ) i) Each frame, get to Target. ii) Normalize to Target (ii) Scale this vector by multiplying it by the enemy's speed. (Multiply Ho Target 1 by speed Enery's Charater speed (Knight) in) Move the Enemy

2

2

. This well give us a vector from the enemy to the character with a longth of speed ! ItoTarget | + speed Final step is to more the enemy towards the character by adding this vector quantity to its world tocation ( we are doing this every frame because the relative positions of the character and the eveny will change from frame to frame. . So as the character mores relative to the enemy, each frame, the every well get this vector and make there calculations in order to more close to the character. =) MAIN STEPS TOPERFORM (IN SHORT) Enemy :: Hidl) Pseudo. Cret to Torrget.

Normalize to Target.

Nove Evens