

Can Receive Transformations (Translation, Rotation about-self and Scaling, within the World Space)



Game Object

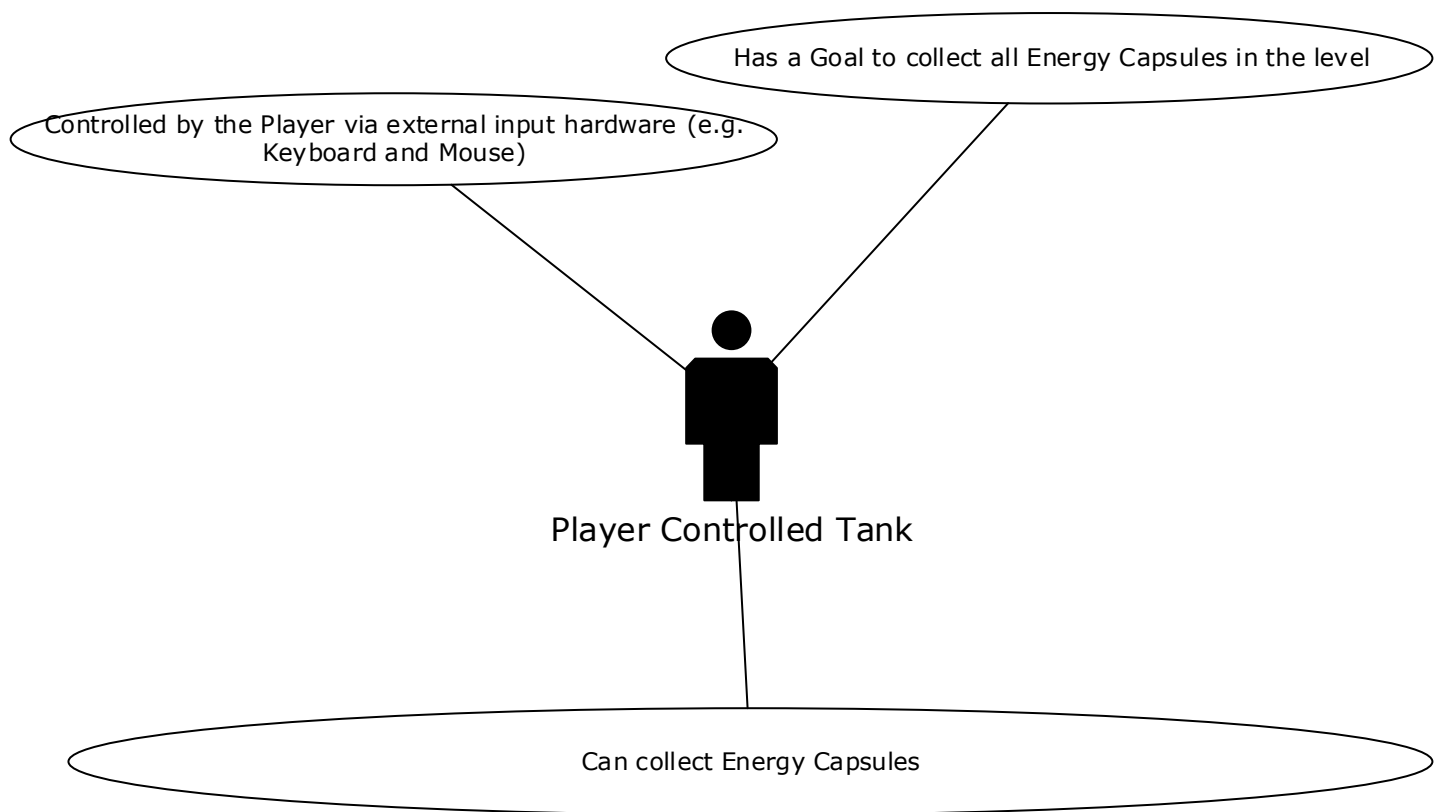
Has Transform properties (For Location, Rotation and Scale, within the World Space)

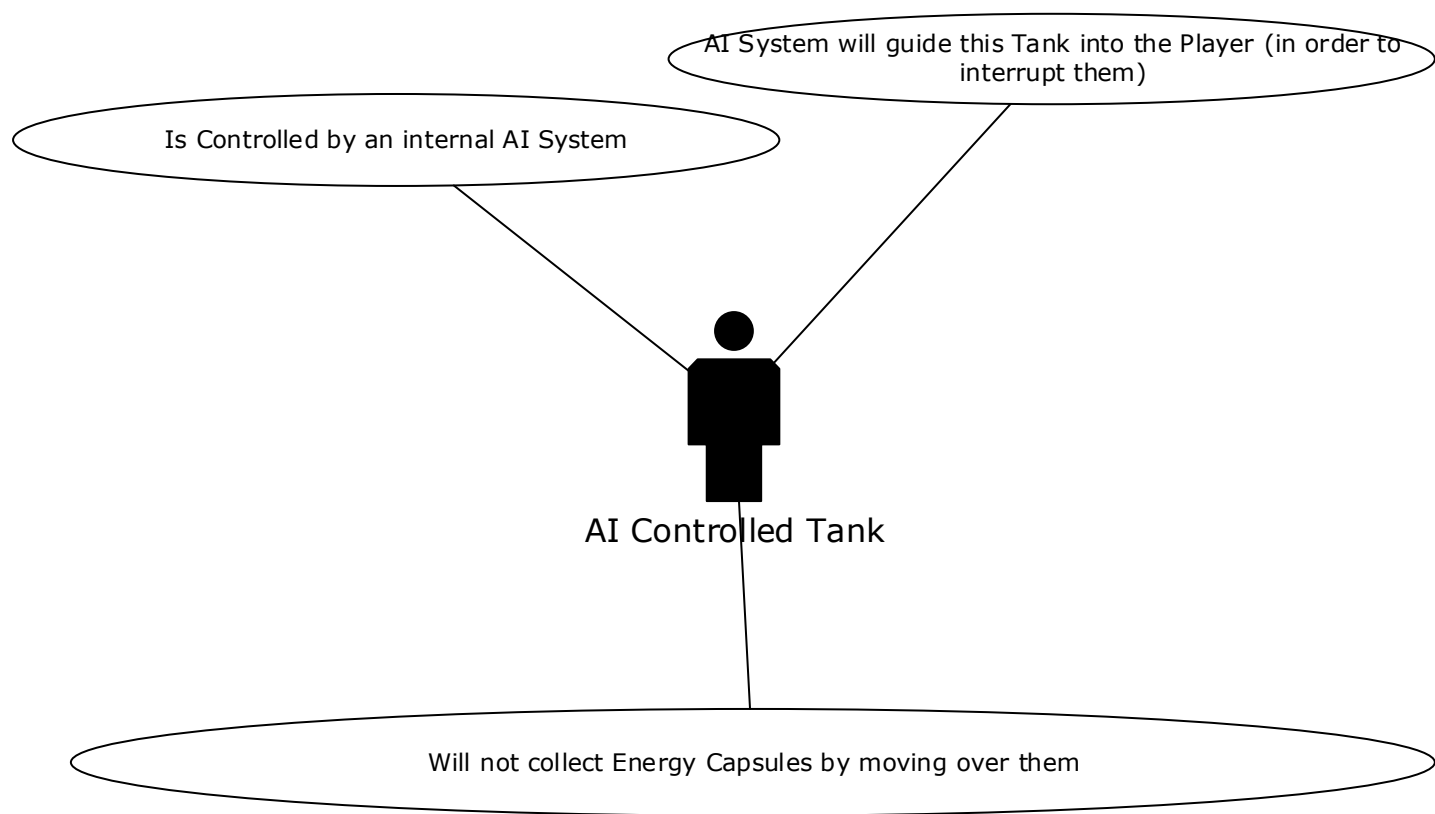
Can collide with other types of Game Objects (Other types of Tank and Obstacles)

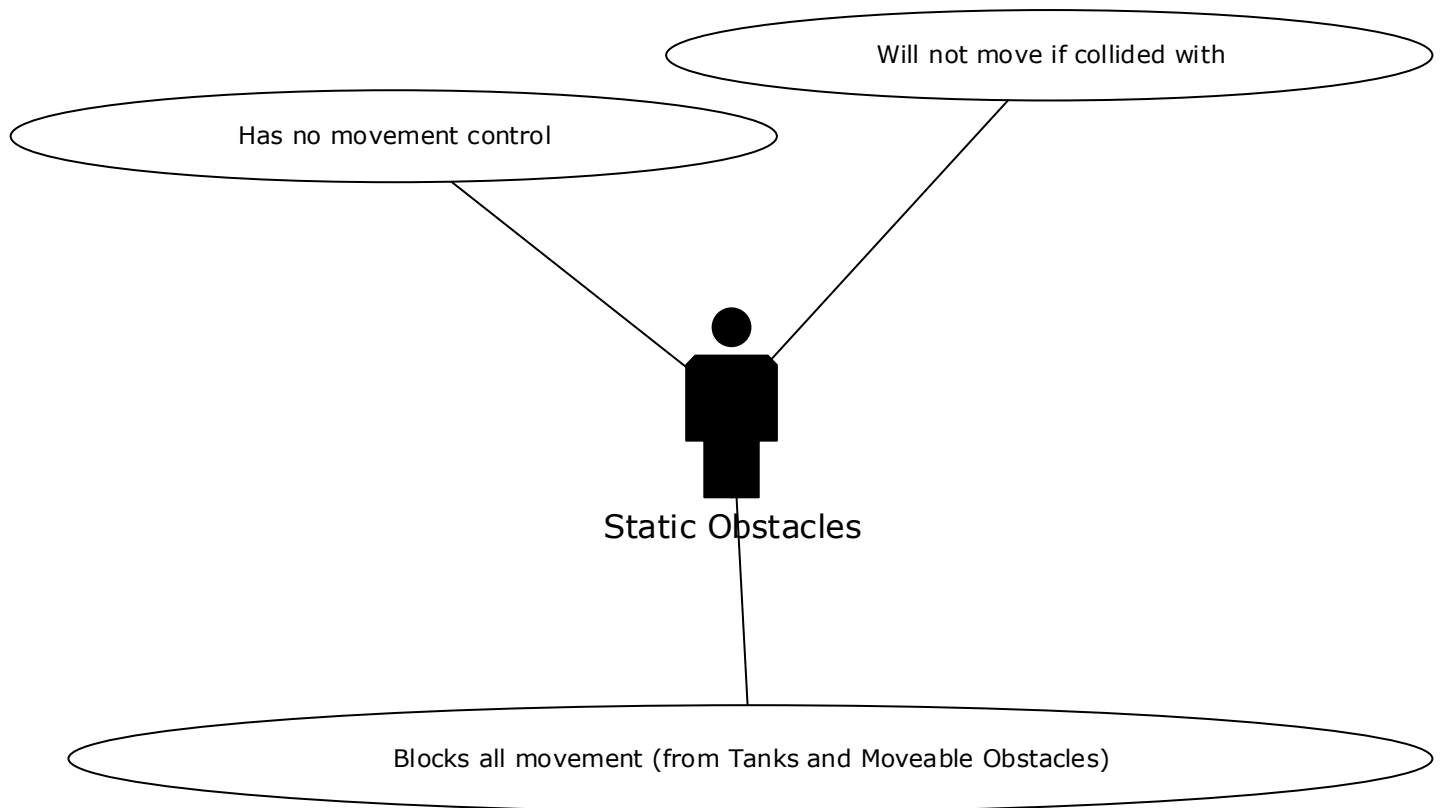


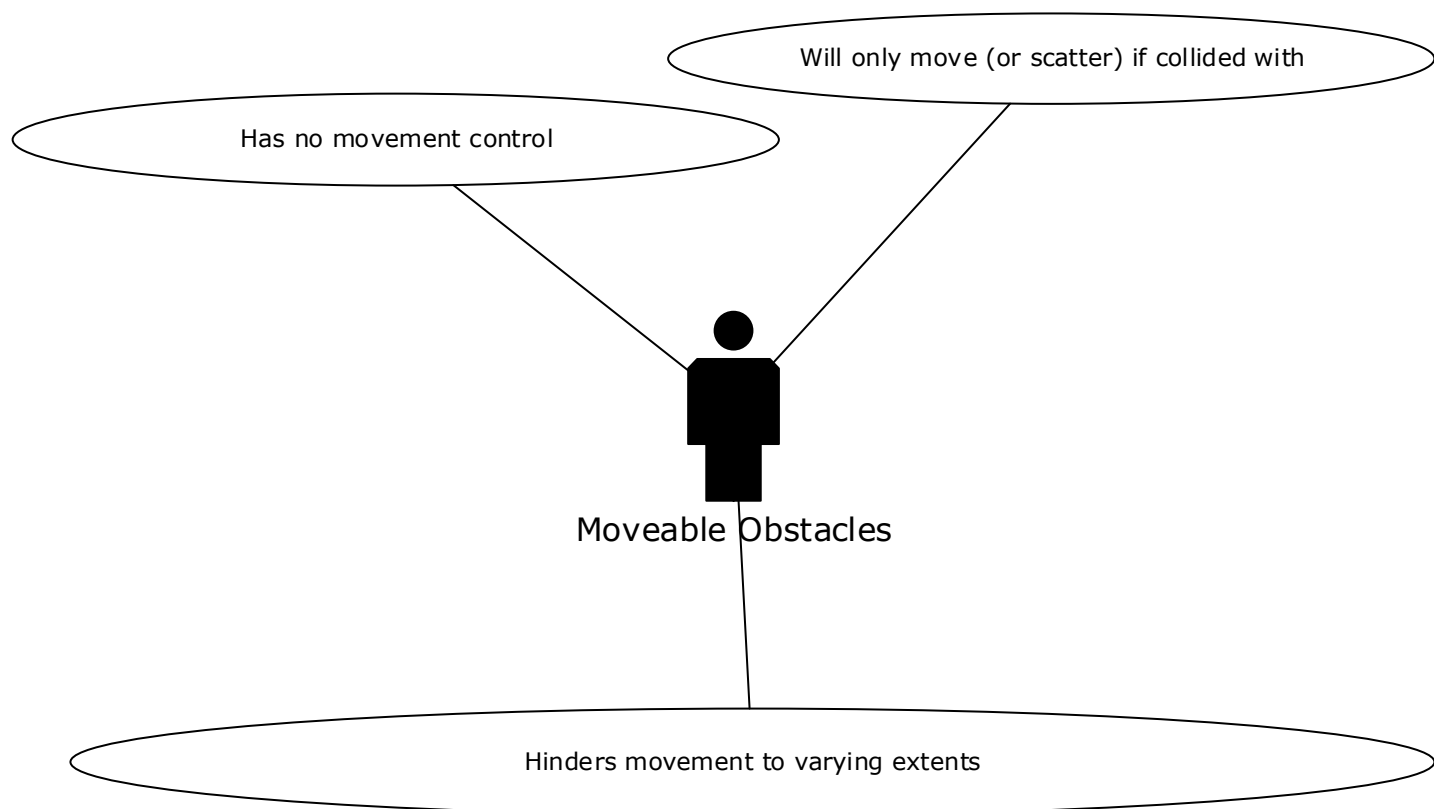
Hover-Tank

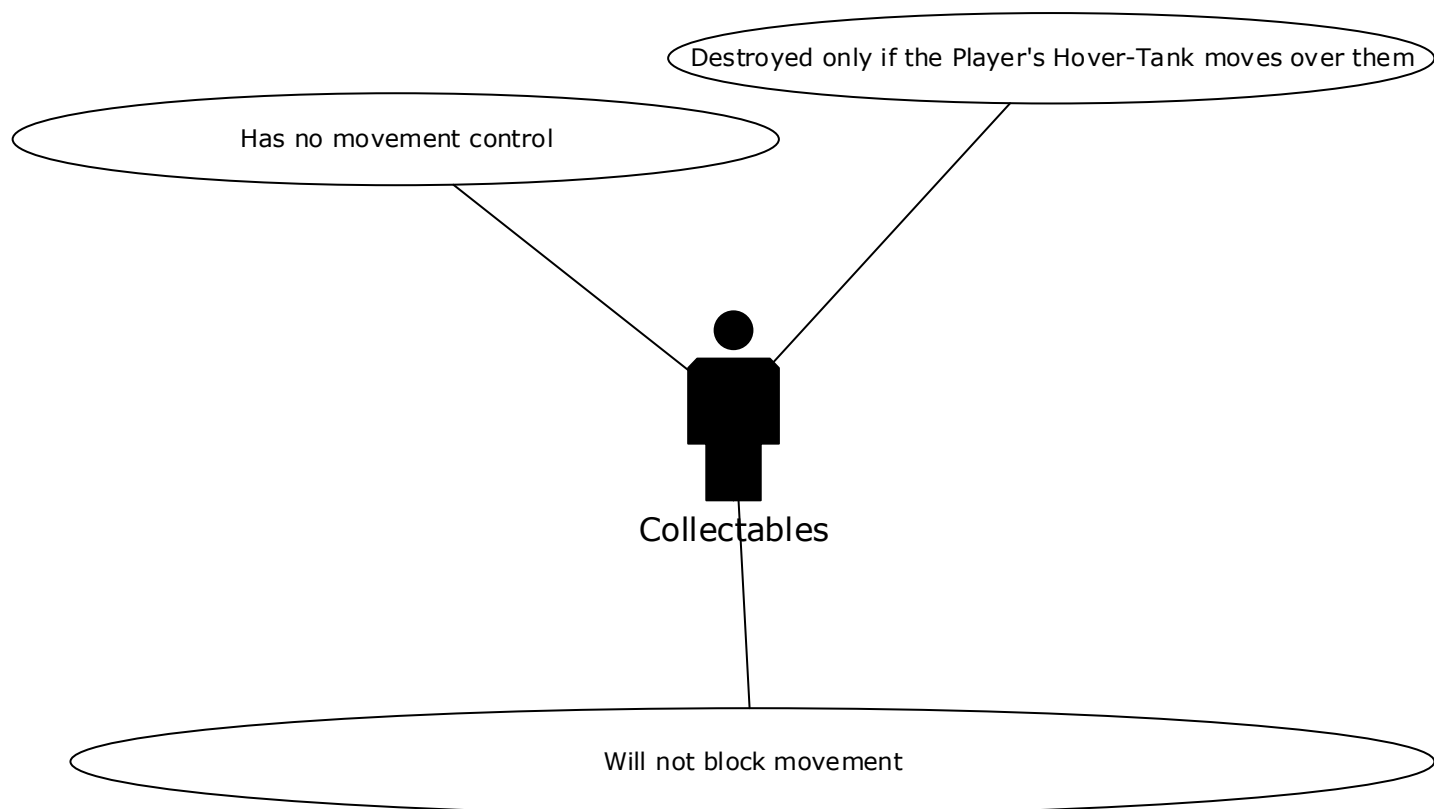
Can 'float' around the environment via a particular input method (either from a Human Player, or an AI System)

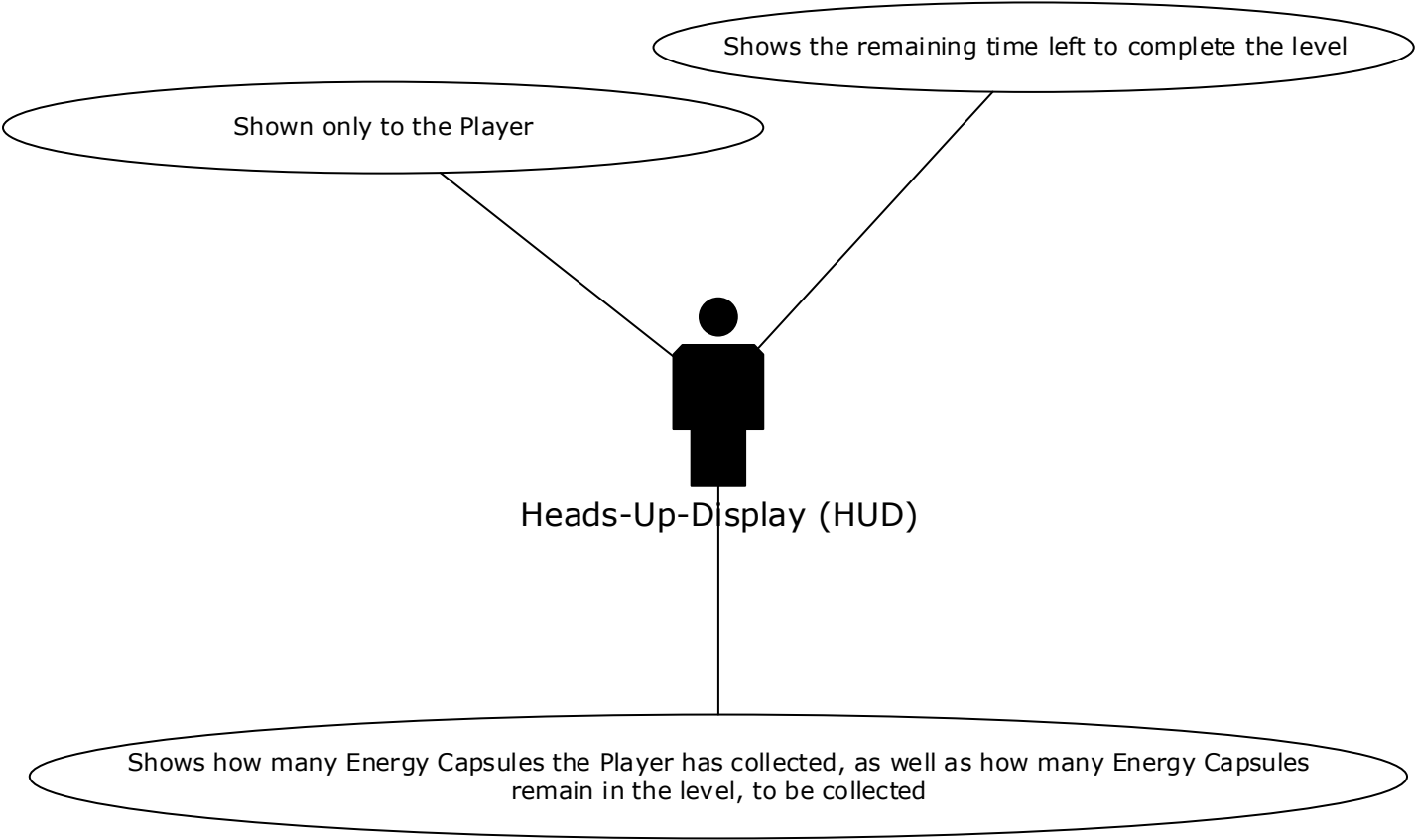




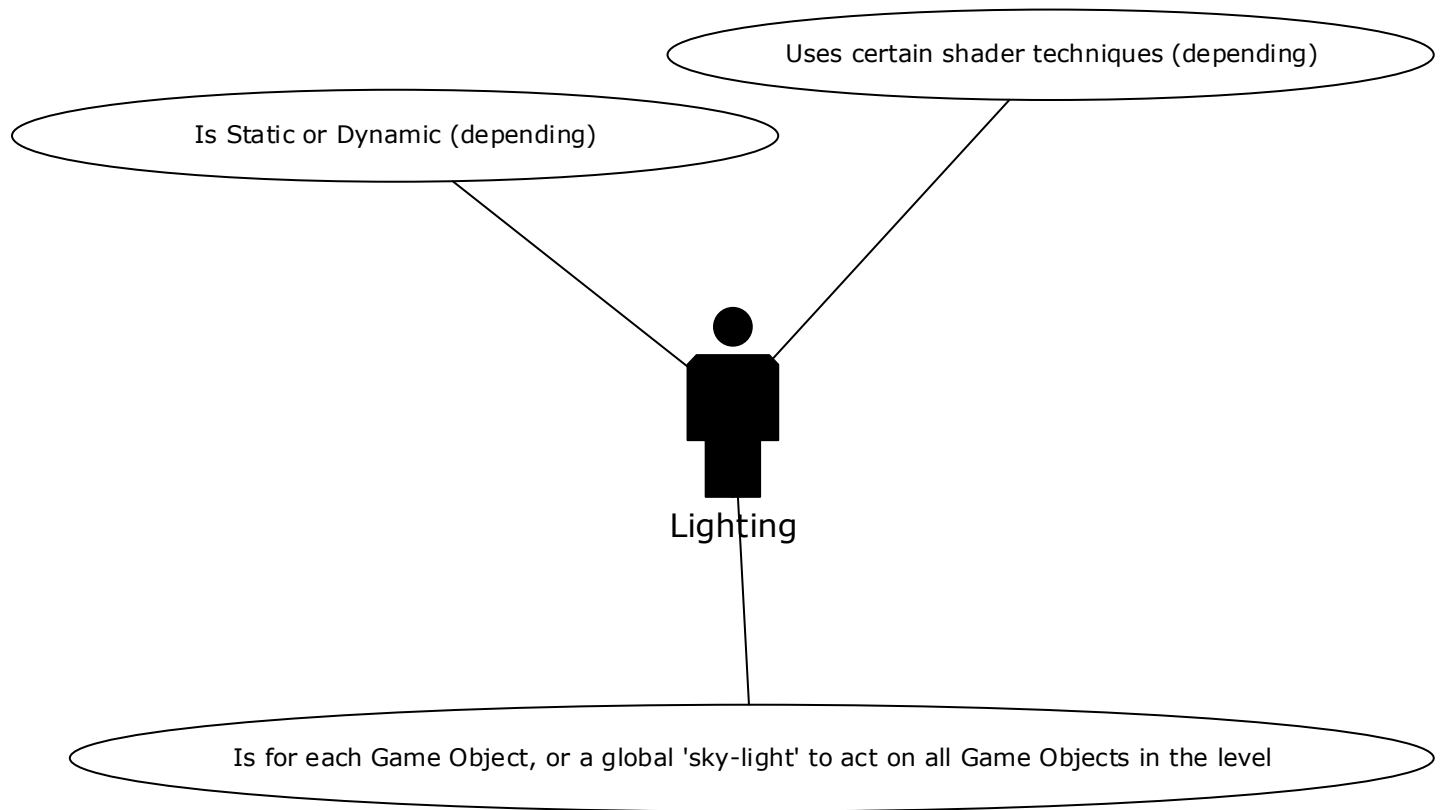












Exists for only sub-classes of Game Object, that are capable of colliding with other appropriate Game Objects



Collision Management System

Collision is checked for using Axis-Aligned Bounding Boxes (AABB)