



Assumptions

General: All entities with a collider know the function Collider* GetCollider() const

1: We have all pointers necessary to all enemy related values

2: We have all pointers necessary to all particle related values

3: We have all functions necessary to perform OnCollision (such as check direction, etc.)

4: We have an enum with all entity types

5: Presence of non-specific logic-related bools, such as bool flip to know if we need to draw the texture flipped or not

6: We have the enums of Explosion_Direction, Player_States and Player_Inputs

7: We have all variables "int" or "float" necessary to perform player functions (such as speed, time spent jumping, CD from last explosion, etc.)

8: We do have pointers to all animations and textures used in player (walking animation, jumping animation, etc.)