









Action Management

IAction_Updater
<<interface>>

#FPS: int
#action_map: std::unordered_map<std::string, IAction*>
#input_tactile_map: std::unordered_map<std::string, bool>
#input_range_map: std::unordered_map<std::string, float>
#discreteInputChange: bool
+update(): virtual void
+Add tactileInputMap(input_tactile_map: const std::unordered_map<std::string, bool>): void
+Add rangeInputMap(input_range_map: const std::unordered_map<std::string, float>): void
+Add discreteInputMap(input_discrete_map: const std::unordered_map<std::string, bool>): void
+getActiveCommands() const: std::unordered_map<std::string, IAction*>: int

InGame_Action_Updater

-modifications: std::vector<Triangle_Modifier*>
-mesh_pipeline: Mesh_Pipeline*
+InGame_Action_Updater(mesh_pipeline: Mesh_Pipeline*, FPS: int)
+getModifications(): std::vector<Triangle_Modifier*>
+update(): void

enum ActionCommandState {OFF, TRIG_ATTACK, ATTACK, SUSTAIN, TRIG_RELEASE, RELEASE};

IAction
<<interface>>

#is_running: bool
#is_key_pressed: bool
#command_name: std::string
#readyToDestroy: bool
#mesh_modifications: Triangle_Modifier*
#name: std::string
+trigger(): void
+update(key_pressed: bool): virtual void
+isComplete(): const bool
+isReadyToDestroy(): const bool
+isReadyToBeActivated(): const bool
+getName(): const std::string
+getMeshModification(): Triangle_Modifier*

JumpAction

+JumpAction(std::string command_name)
+update(key_pressed: bool): void

TwoAxisRangeCommand

-x_range: float
-y_range: float
+TwoAxisRangeCommand(command_name: std::string)
+update(key_pressed: bool)

MoveAction

-attack_speed_delta: float
-release_speed_delta: float
-speed: float
-max_speed: float
-FPS: float
-action_state: ActionCommandState
-direction: Vec3d
+MoveAction(command_name: std::string, direction: Vec3d)
+update(key_pressed: bool): void
+setAttack(attack: float): void
+setRelease(release: float): void
+setActionState(): void

