Scene

GameEngine * m_game

EntityManager m_entityManager

ActionMap m_actionMap

size_t m_currentFrame

bool m_paused

bool m_hasEnded

+ void setPaused(bool)

+ Scene()

+ Scene(GameEngine *gameEngine)

+ virtual void update()=0

+ virtual void sDoAction
  (const Action &action)=0

+ virtual void sRender()=0

+ virtual void doAction
  (const Action &action)

+ void registerAction
  (int inputKey, const
   std::string &actionName)

+ size_t width() const

+ size_t height() const

+ size_t currentFrame
  () const

+ bool hasEnded() const

+ const ActionMap & getAction
  Map() const

virtual void onEnd()=0

Scene_Settings

sf::Text m_titleText

std::vector< sf::Text
  > m_texts

std::vector< std::string
  > m_menuStrings

std::vector< std::string
  > m_levelPaths

sf::Text m_menuText

int m_selectedMenuIndex

sf::RectangleShape
  m_volumeSlider

sf::Text m_volumeText

sf::Text m_musicToggleText

sf::Text m_controlSchemeText

float m_volume

bool m_musicOn

bool m_useWASD

+ Scene_Settings(GameEngine
  *gameEngine=nullptr)

+ void sRender()

void init()

void update()

void onEnd()

void sDoAction(const
  Action &action)

sf::Color getVolumeColor
  (float volume)

void updateVolumeSlider()