## 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_Credits

# std::string m_title

# sf::Text m_titleText

# std::vector< sf::Text
    > m_texts

# std::vector< std::string
    > m_menuStrings

# sf::Text m_menuText

+ Scene_Credits(GameEngine
    *gameEngine=nullptr)

+ void sRender()

# void init()

# void update()

# void onEnd()

# void sDoAction(const
    Action &action)