

Profile

This is a class that holds common information about `existingProfile` and new `newProfile` class.

Author: George Cook

Super Class: N/A

Sub Class: newProfile, existingProfile

Responsibilities:

-playerName
-highestLevel
-currentScore
-constructor
-deleteProfile
-changeName
-reset

Collaborators:

-main
-game
-newProfile
-existingProfile

newProfile

This is a class that creates a new profile for a user, using the class `Profile`.

Author: George Cook

Super Class: Profile

Sub Class: N/A

Responsibilities:

-createProfile

Collaborators:

-main
-game
-Profile

existingProfile

This is a class that holds information and interacts with an existing user profile.

Author: George Cook

Super Class: Profile

Sub Class: N/A

Responsibilities:

-playerName
-highestLevel
-currentScore
-deleteProfile
-changeName
-reset

Collaborators:

-main
-game
-Profile

existingProfile- would have these as overrides.

main

This is a class that holds common information about menus and starting the game. It will be the first class that is loaded.

Author: George Cook

Super Class: N/A

Sub Class: game

Responsibilities:

-loadGame
-loadProfile
-createProfile

Collaborators:

-levelReader
-screen
-game
-newProfile
-exisitingProfile
-Profile

game

This is a class loads all the level files and parses files that need to be loaded to the screen in a format that then can be displayed

Author: George Cook

Super Class: main

Sub Class: N/A

Responsibilities:

-saveGame
-loadLevel
-startLevel
-loadScreen
-userInput

Collaborators:

-levelReader
-screen
-main
-newProfile
-exisitingProfile
-Profile
-MOTD
-loadGame
-saveGame
-Object

screen

This is a class that displays all the graphical content of the game and menu screen.

Author: George Cook

Super Class: N/A

Sub Class: N/A

Responsibilities:

-screenSize
-diplayTiles
-redrawScreen
-drawScreen

Collaborators:

-main
-game