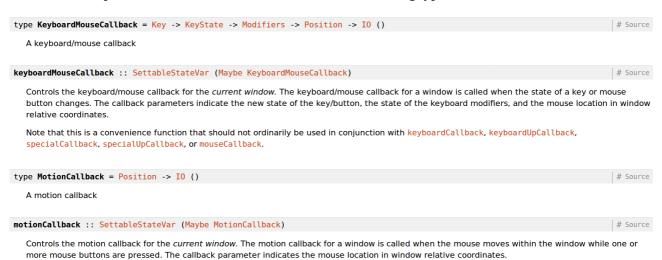
Questions about Minesweeper Game

Script Input.hs

I found that Graphics.UI.GLUT.Callbacks.Window has the following types and functions:



• Does your functions "mouseKeyboardCallback" and "mouseMovementCallback" of Input.hs have a relation with this types and function that I found?

Script Game.hs

- How works "fromintegral"? Line 120 121.
- Why in the function "placeMines" for "maxMineCount" we have to multiply by 0.75? Line 77.
- I don't know how works the function "placeMines". What is the variable "randGen", "minesX", minesY"?. Line 79.
- Why I have to put "-> game" at the end when I use "case"?. Line 55-69.

OpenGLUtils.hs

- Did you implemented the function "loadGLTextureFromFile"? Cause I found on Internet some pages that implemented in the same way. I don't know if its already implemented on another library or you implemented it.
- What does IO TextureObject do in LoadGLTextureFromFile?
- Could you explain the function LoadGLTexture?
- Could you detailed explain this lines from the function "drawTexture"

Script Render.hs

- How works the "display function"?. What are the data types IORef and DisplayCallback for? . Line 13-20 of the script Render.
- Why I need to clear the "ColorBuffer" and "DepthBuffer"? What means these variables? Line 17.
- Why you use "mapM_" and not "mapM"? Line 18.
- What are "color" and "flush" for? Line 19-20.
- In the drawTile function you have done some math operations that I don't undertand. Why the numbers 2, 0.5 and 1/4?. Line 25-29.
- In the function "imageUv" I don't understand how works the dimensions of the images. I mean, the values (1/4, 2/4, 3/4, 0/4). Line 45-49.
- For the state "DigitUV n" I don't understand how it take the respective digit of the image to show. Line 50-52.
- I have two warnings: first in the line 30 to 42, second in the line 45 to 53. The image below shows the warnings.

```
▼ ! src/Render.hs

Pattern match(es) are overlapped
In a case alternative: ts -> ...
▼ ! src/Render.hs

Pattern match(es) are overlapped
In an equation for 'imageUV': imageUV atlasUV = ...
```

Script Main.hs

- What is the difference of \rightarrow and \leftarrow ?
- Could you explain this part of the code?

• I have this error (image below), but the minesweeper runs without problems. I don't know why this message appears. I am using leksah to run the minesweeper.

```
test/Main.hs: The IO action 'main' is not defined in module 'Main'test/Main.hs: The IO action 'main' is not defined in module 'Main'
```