**Linked the width and height variables to the constructor variables**

**package** sonar.gamestates.states.levels.stages.entities;

**public** **interface** SpriteBuilder

{

**int** getWidth();

**int** getHeight();

**int**[] getPixels();

}

**class** HUDSpriteBuilder **implements** SpriteBuilder

{

**private** SpriteSize size;

HUDSpriteBuilder(SpriteSize size, **int** colour)

{

**this**.size = size;

}

**private** **void** loadHUD(SpriteSize size, **int** colour)

{

**for**(**int** y = 0; y < size; y++)

{

**for**(**int** x = 0; x < size; x++)

{

pixels[x + y \* width] = colour;

}

}

}

**public** **int** getWidth(){**return** size;}

**public** **int** getHeight(){**return** size;}

**public** **int**[] getPixels(){**return** pixels;}

}

**class** SpriteSize

{

**private** **int** width, height;

SpriteSize(**int** width, **int** height)

{

**this**.width = width;

**this**.height = height;

}

}