Part 6 – Objects

Sprites in Orx are called Objects. These are the heart of games in Orx.

Our platform game is going to need a hero. Let's replace the default object in our game with a hero object.

We will need a graphic image for the hero. There's one available over in the Orx project in object assets folder: `orx/tutorial/data/object`. Look for `soldier.png`:



Copy this file into your `MyGame/data/texture` folder.

Next, we need to create a graphic in the `MyGame.ini` config that knows about the soldier.png image:

```
[HeroGraphic]
Texture        = soldier.png
```

Next, let's create an actual object that will use the HeroGraphic:

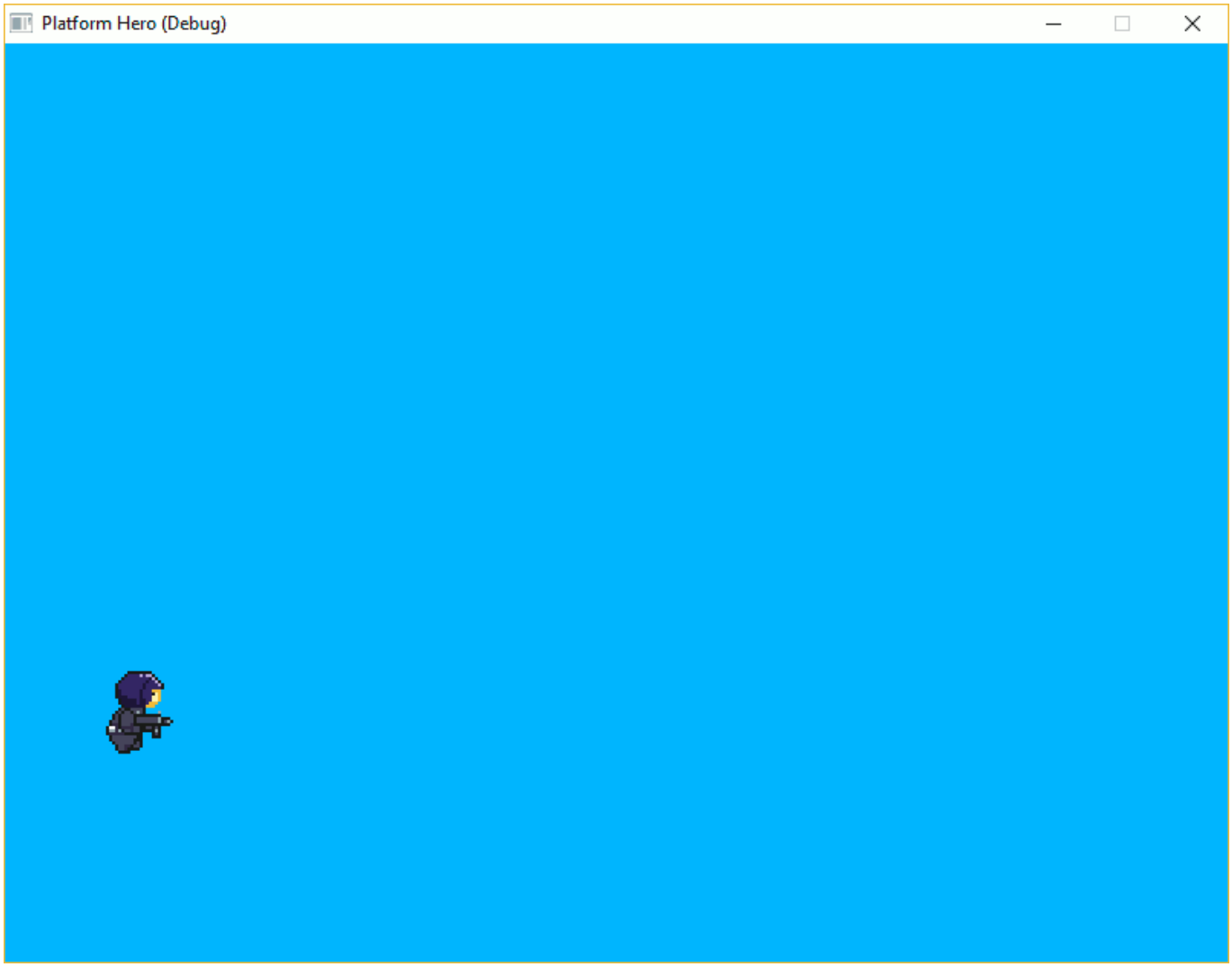
```
[HeroObject]
Graphic  = HeroGraphic
Position = (-350, 100, 0)
Scale    = 2
```

When a HeroObject is created in code, he will be placed at co-ordinates -350, 100 on the screen (from the center) and scaled up 2x in size.

In the Init() function, replace the `orxObject_CreateFromConfig("Scene");` with our:

```
orxObject_CreateFromConfig("HeroObject");
```

Compile and run. You should get the following:



So that's great! Now you might be wondering, how does `HeroGraphic` know how to get `solder.png` from the data/texture folder? The answer is in the `[Resource]` section:

```
[Resource]
Texture = ../data/texture
```

We can specify multiple paths here and we will do so further down the track.

So good job! Next step is to animate our soldier.

Next: Part 7 – Spritesheets and Animation.

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