

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`:

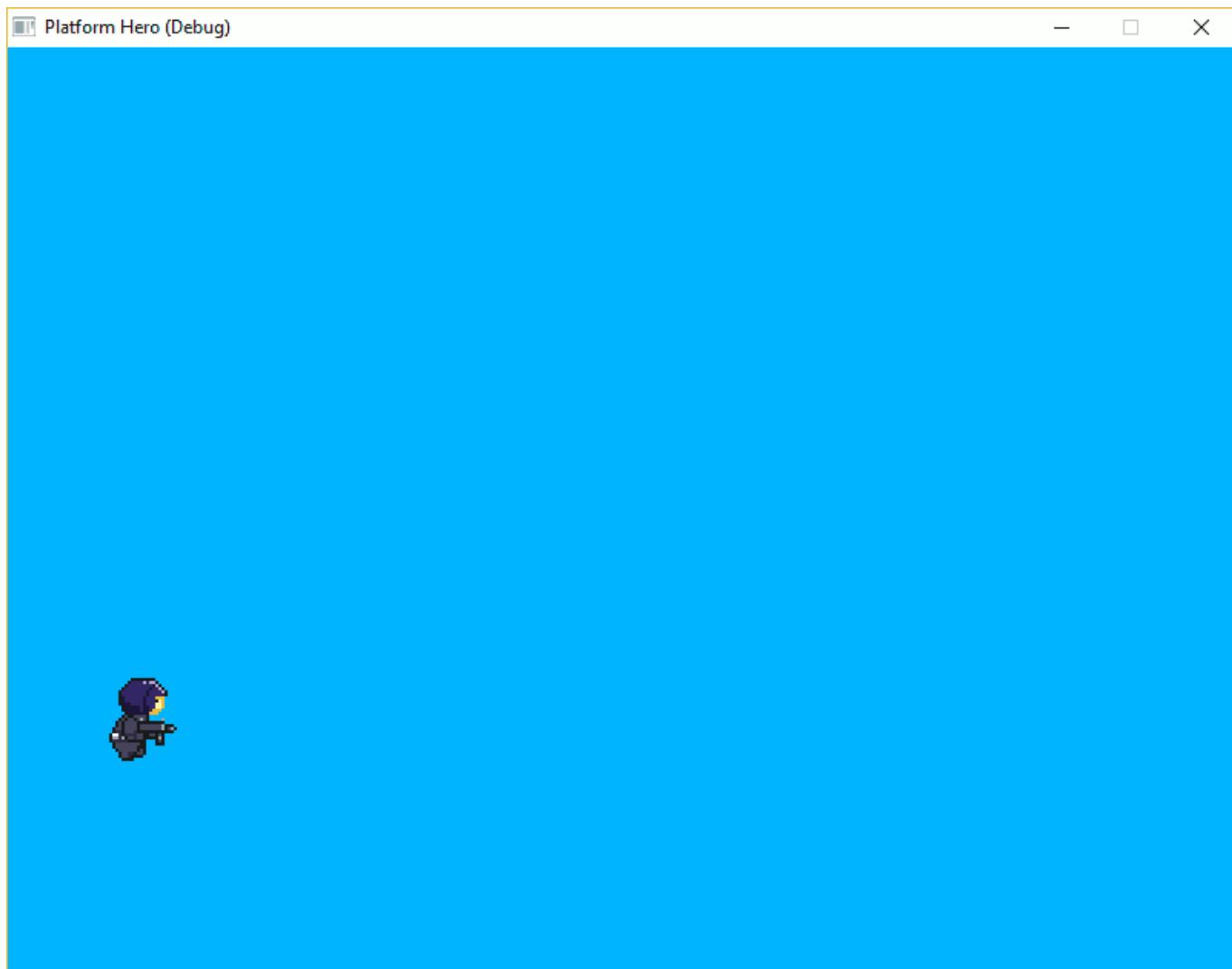
```
[HeroObject]
Graphic  = HeroGraphic
Position  = (-350, 100, 0)
Scale     = 2
```

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.

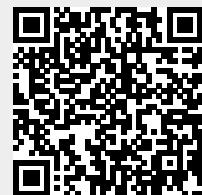
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