

Shooting Bullets with a Spawner

This tutorial will show you how to set up a spawner to shoot bullets that can be turned on and off from code. Normally if you attach a spawner to an object, you can only turn it off using `orxObject_Enable`. But that will make the parent object invisible as well. We use a child object in the case.

Assets

You can use the following assets in this tutorial.



Config

In this config, we create a `CannonObject`. We give it an empty child object called: `CannonSwitchingObject`. The spawner `CannonSpawner` is attached to `CannonSwitchingObject`.

`CannonSwitchingObject` is the one we will turn on or off to stop the spawner from shooting bullets.

```
[CannonObject]
Graphic      = CannonGraphic
Position    = (100, 100, 0)
Scale       = 5
ChildList   = CannonSwitchingObject

[CannonGraphic]
Texture     = spawner-gun.png

[CannonSwitchingObject]
Spawner    = CannonSpawner

[CannonSpawner]
Object     = BulletObject
WaveSize   = 1
WaveDelay  = 0.2
ActiveObject = 10
Position   = (10, -1, 0)
```

Next, the bullet object to be fired by the `CannonSpawner`.

```
[BulletObject]
Graphic     = BulletGraphic
Speed      = (300, -15, 0) ~ (300, 15, 0)
```

```
LifeTime = 2.0
```

```
[BulletGraphic]
```

```
Texture = spawner-bullet.png
```

Code

Then in the code, use the cannonObject to get the switchObject by calling orxObject_GetChild on the cannonObject.

Finally, use orxObject_Enable(switchObject, orxFALSE) to stop the spawner shooting bullets, or use orxTRUE to switch it back on.

```
orxOBJECT *cannonObject;  
orxOBJECT *switchObject;  
cannonObject = orxObject_CreateFromConfig("CannonObject");  
switchObject = (orxOBJECT*)orxObject_GetChild(cannonObject );  
  
orxObject_Enable(switchObject, orxFALSE); //turn off the firing  
  
orxObject_Enable(switchObject, orxTRUE); //turn on the firing
```

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