

Turning or Steering (method 2)

Good for vehicle steering or turning ships and planes. Doesn't use relative speed so functions are faster, and the separate rotation and speed are handy for drifting effects.

Code

```
car = orxObject_CreateFromConfig("CarObject");

...

if(orxInput_IsActive("Right")){
    orxFLOAT rotation = orxObject_GetRotation(car);

    orxVECTOR speed;
    orxObject_GetSpeed(car, &speed);

    rotation += 0.01;
    orxVector_2DRotate(&speed, &speed, 0.01);
    orxObject_SetRotation(car, rotation);
    orxObject_SetSpeed(car, &speed); //SetSpeed is less expensive than
    SetRelativeSpeed
}
```

Config

```
[CarObject]
Graphic = CarGraphic
Position = (300, 200, 0)
Speed = (0, 30, 0)

[CarGraphic]
Texture = car.png
Pivot = (38, 30, 0)
```

From:
<https://www.orx-project.org/wiki/> - Orx Learning

Permanent link:
https://www.orx-project.org/wiki/en/examples/objects/turning_or_steering_2?rev=1518583666

Last update: **2025/09/30 17:26 (8 months ago)**

