???????

[illegible] PlayerMove [illegible] PlayerJump [illegible]

[illegible] Jump [illegible] → [illegible] Y [illegible] Unity [illegible]

?????

```
using UnityEngine;

// [illegible]
public class PlayerJump : MonoBehaviour
{
    // [illegible]
    [SerializeField]
    private float jumpPower = 5.0f;

    // [illegible]
    private Rigidbody rbody;

    // [illegible]
    private bool doJump;

    void Start()
    {
        // [illegible]
        rbody = GetComponent<Rigidbody>();
    }

    void Update()
    {
        // [illegible]
        if (Input.GetButtonDown("Jump"))
            doJump = true;
```

```
    }

    private void FixedUpdate()
    {
        // □□□□□□□□□□□□□□□□□□□□□□□□□□
        if (!doJump)
            return; // □□□□□□□

        // □□□□□□□□□□
        Vector3 v = rbody.linearVelocity;

        // Y□□□□□□□
        v.y = jumpPower;

        // □□□□□
        rbody.linearVelocity = v;

        // □□□□□□□□□□doJump □ false □□□
        doJump = false;
    }
}
```

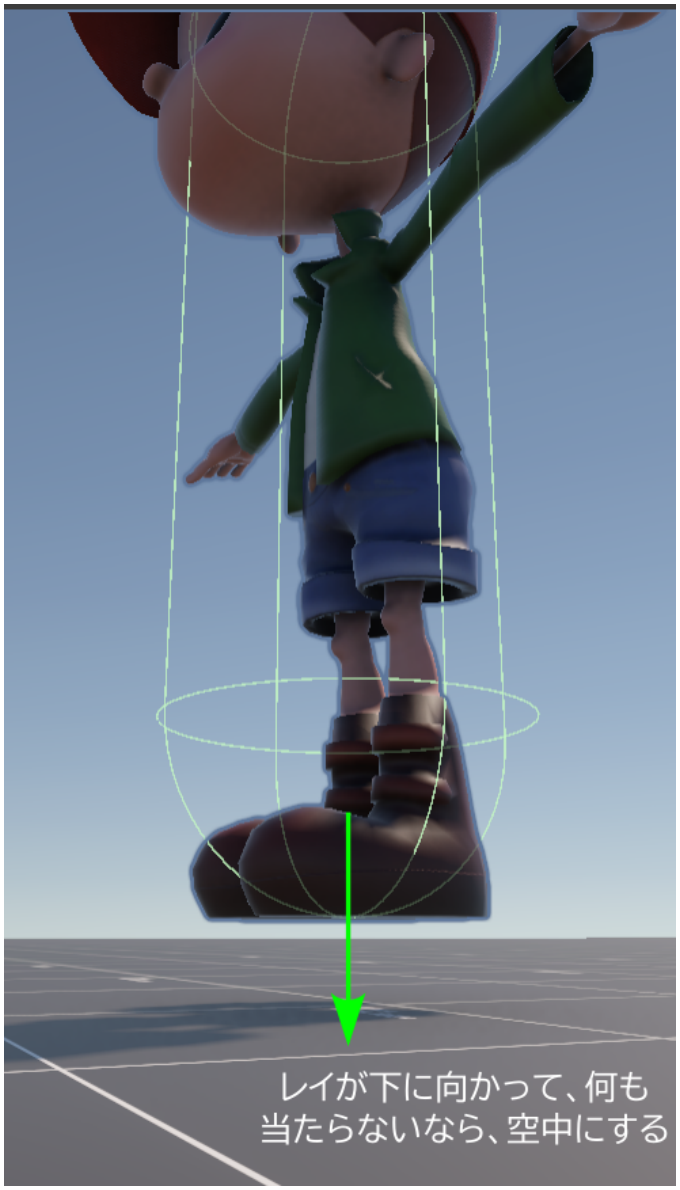
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□□□ `PlayerJump` □□□

```
// □□□□□□□□□□□□□□□
private bool IsOnFloor()
{
    // □□□□□□□□□□□□□□□□□□
    const float CheckDistance = 0.2f;

    // □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
    Vector3 origin = transform.position + Vector3.up * 0.01f;

    // origin □□□□□□□□□□□□□□□□□□□□□□□□□□
    // □□□□□□□□□true□□□□
    return Physics.Raycast(origin, Vector3.down, CheckDistance);
}
```

□□□□ Update □□

```
void Update()
{
    // □□□□□□□□
    if (IsOnFloor() && Input.GetButtonDown("Jump"))
        doJump = true;
}
```

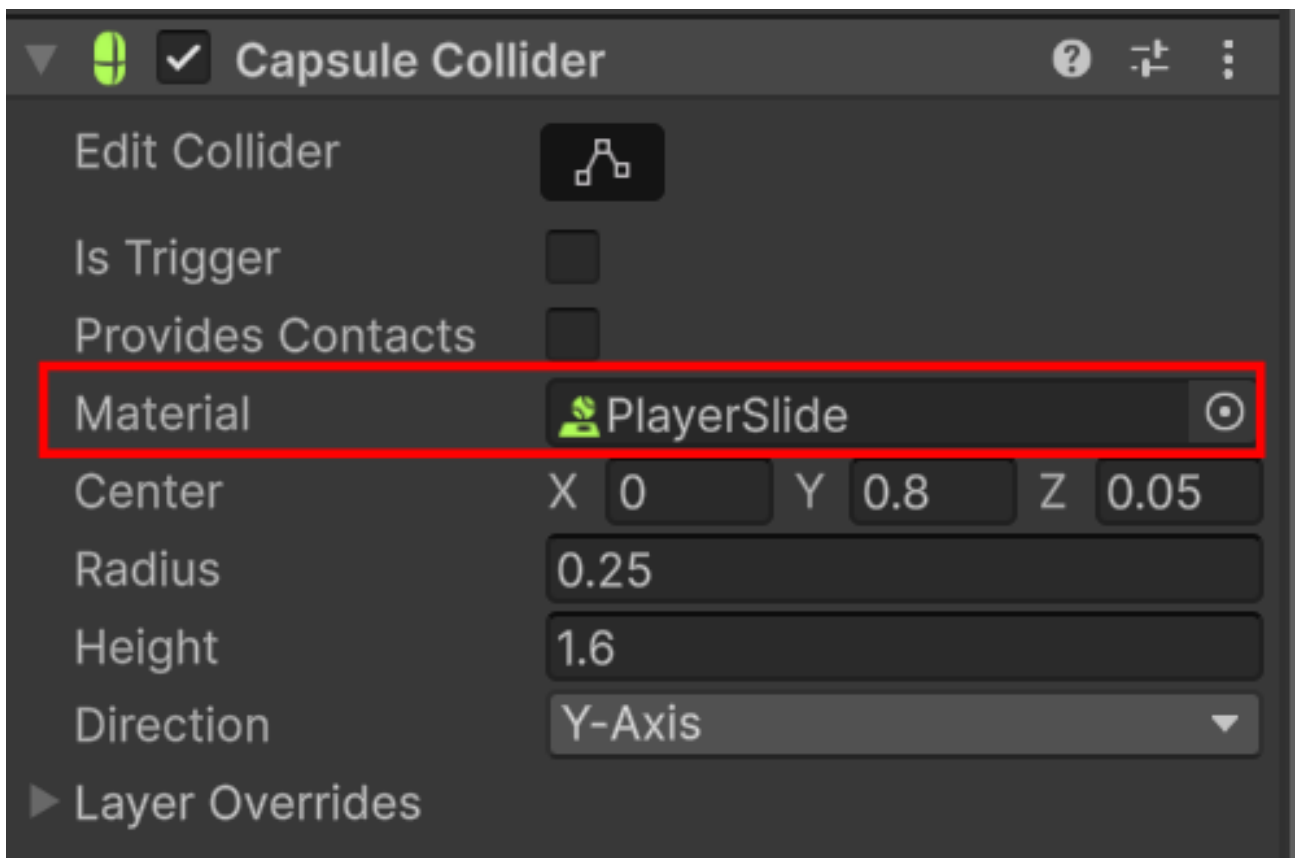
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