

## State

- + CharacterBody2D Parent
- + AnimationPlayer Animations
- + virtual bool CanEnter()
- + virtual void Enter()
- + virtual void Exit()
- + virtual State ProcessInput (InputEvent @event)
- + virtual State ProcessFrame (double delta)
- virtual State ProcessPhysics (double delta)
- + virtual void UpdateAnimations()



## PlayerDashing

- + CollisionShape2D HitBox
- + double SPEED
- + double DASH\_TIME
- + State Idle
- + override void Enter()
- + override void Exit()
- + override State ProcessPhysics (double delta)
- + override void UpdateAnimations()