

The Game Loop



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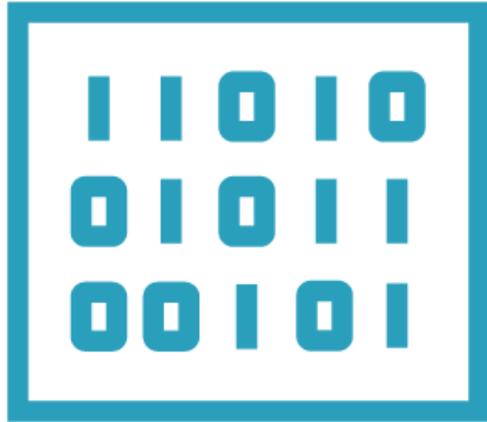
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What Is a Game Loop?

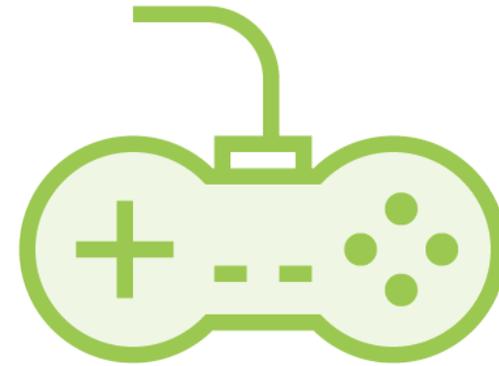


Game Loops and Game Loops



Code

What happens every frame in rendering and systems



Design

What the player experiences over and over again



Code Game Loop

Input

Update



Render



Design Game Loop



Game State



What mode the game is in

Change how a player is interacting with a game

Every game has a different set of states



Our Game States

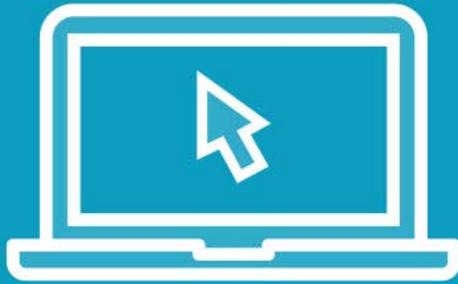
Pregame

Playing

Paused



Demo



Build a simple state machine

Alert other systems to changes in state

