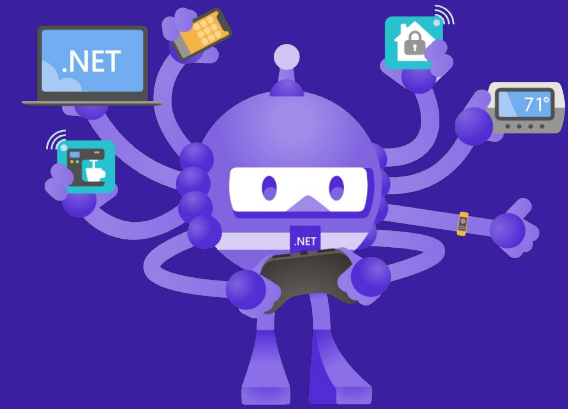# Building Real-time games with .NET MAUI

Shaun Lawrence

(he/him)

@bijington

What is .NET MAUI?

- Multi-platform App UI

- Cross-platform framework
  - Mobile - Android and iOS
  - Desktop - macOS and Windows
  - Fridge/TVs - Tizen

- It is the evolution of Xamarin.Forms
  - First release is Version 6
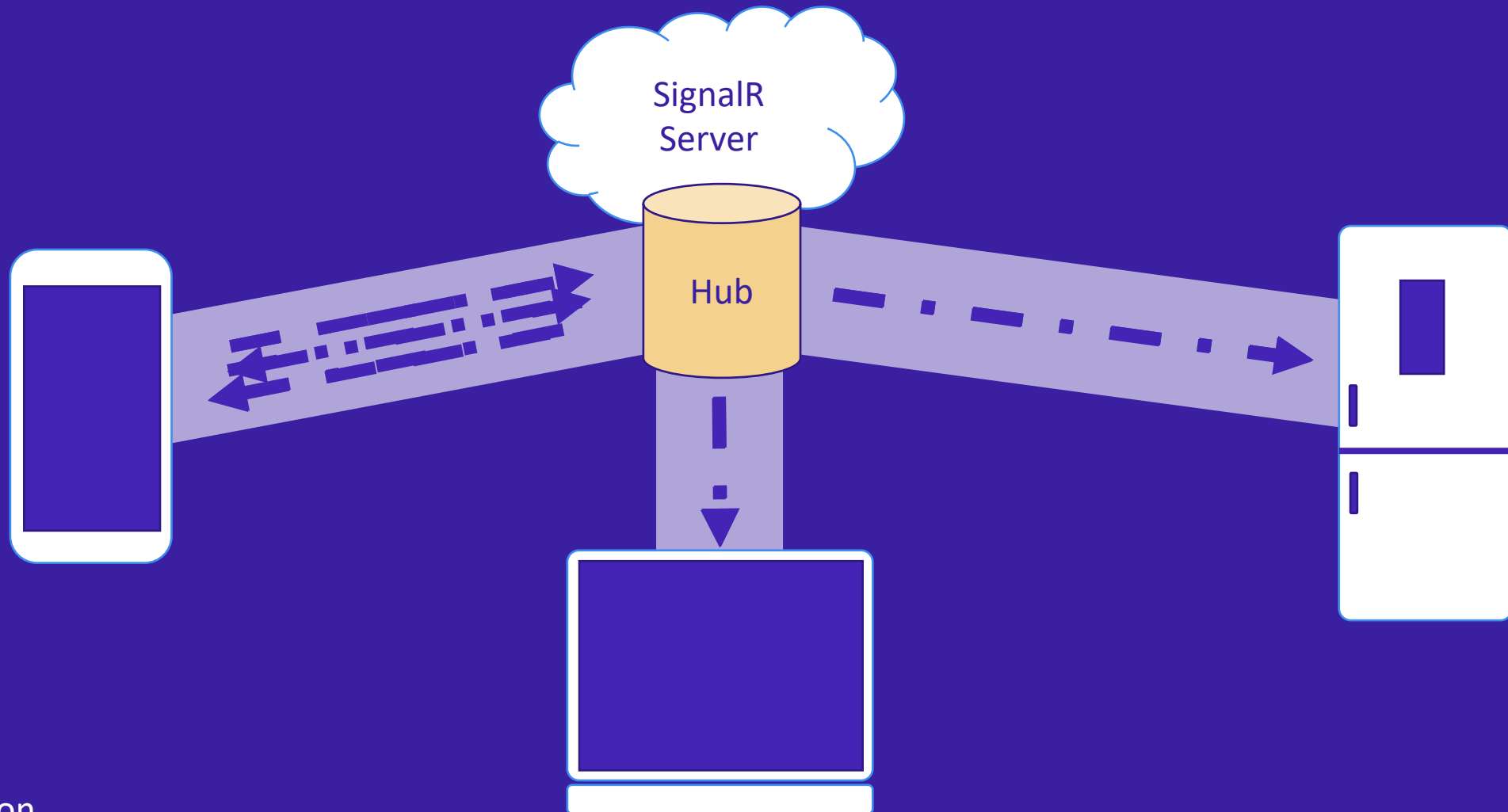 - Finally a first class citizen of the .NET ecosystem

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What is SignalR?

- Open-source

- ASP.NET Core

- Real-time communication

- Bi-directional connection

- Scalable

- Manages complexity for us

- Authentication
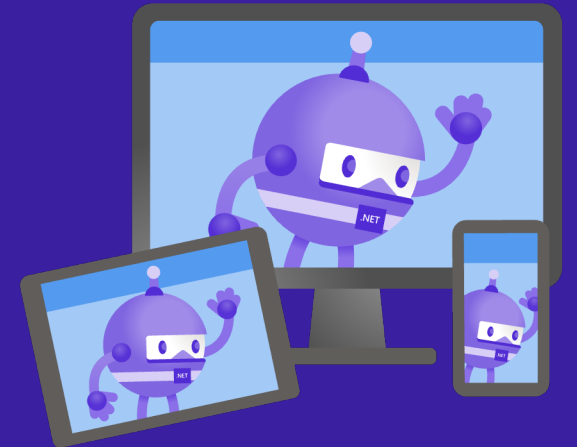
- Authorization

- Streaming

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How to use SignalR?
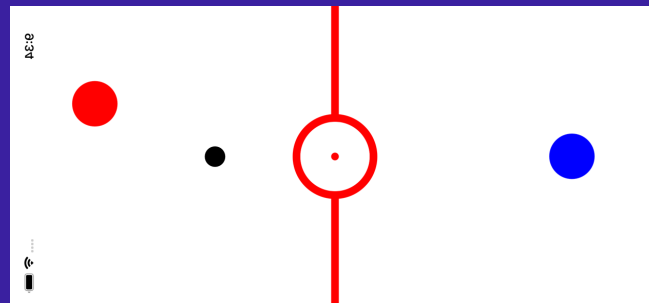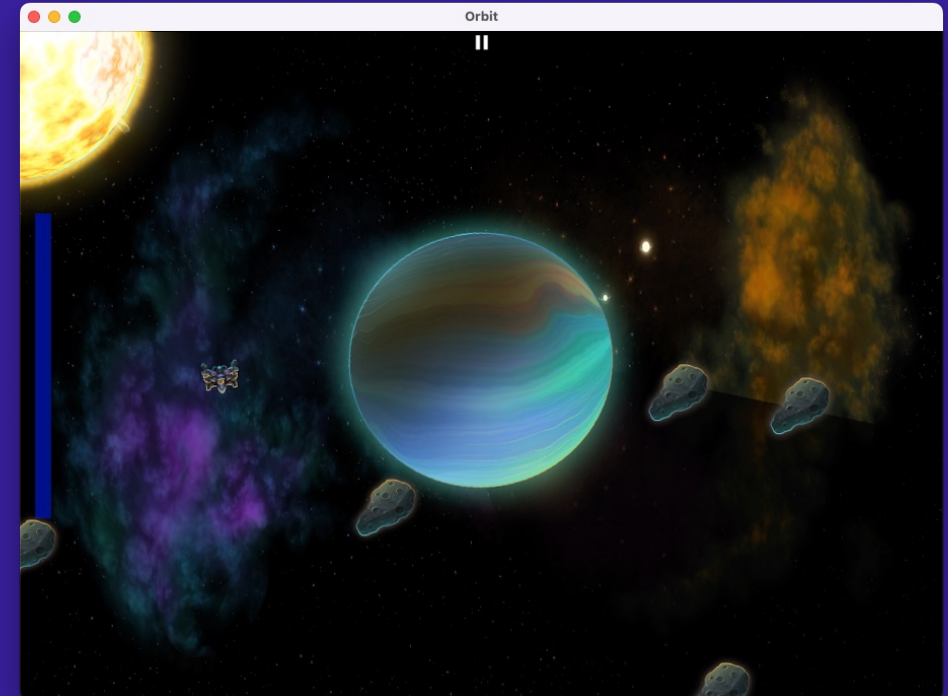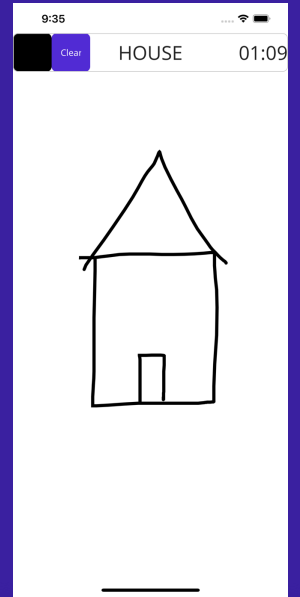
SignalR
Server

Hub

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What happens when we combine .NET MAUI and SignalR?

Demo

Building games in .NET MAUI?

- Journey to build a 2D game engine

- Utilizing best bits of .NET MAUI

- https://github.com/bijington/orbit

- Fun in the building

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Thanks for joining!

Ask your questions live on Twitter #dotNETConf

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