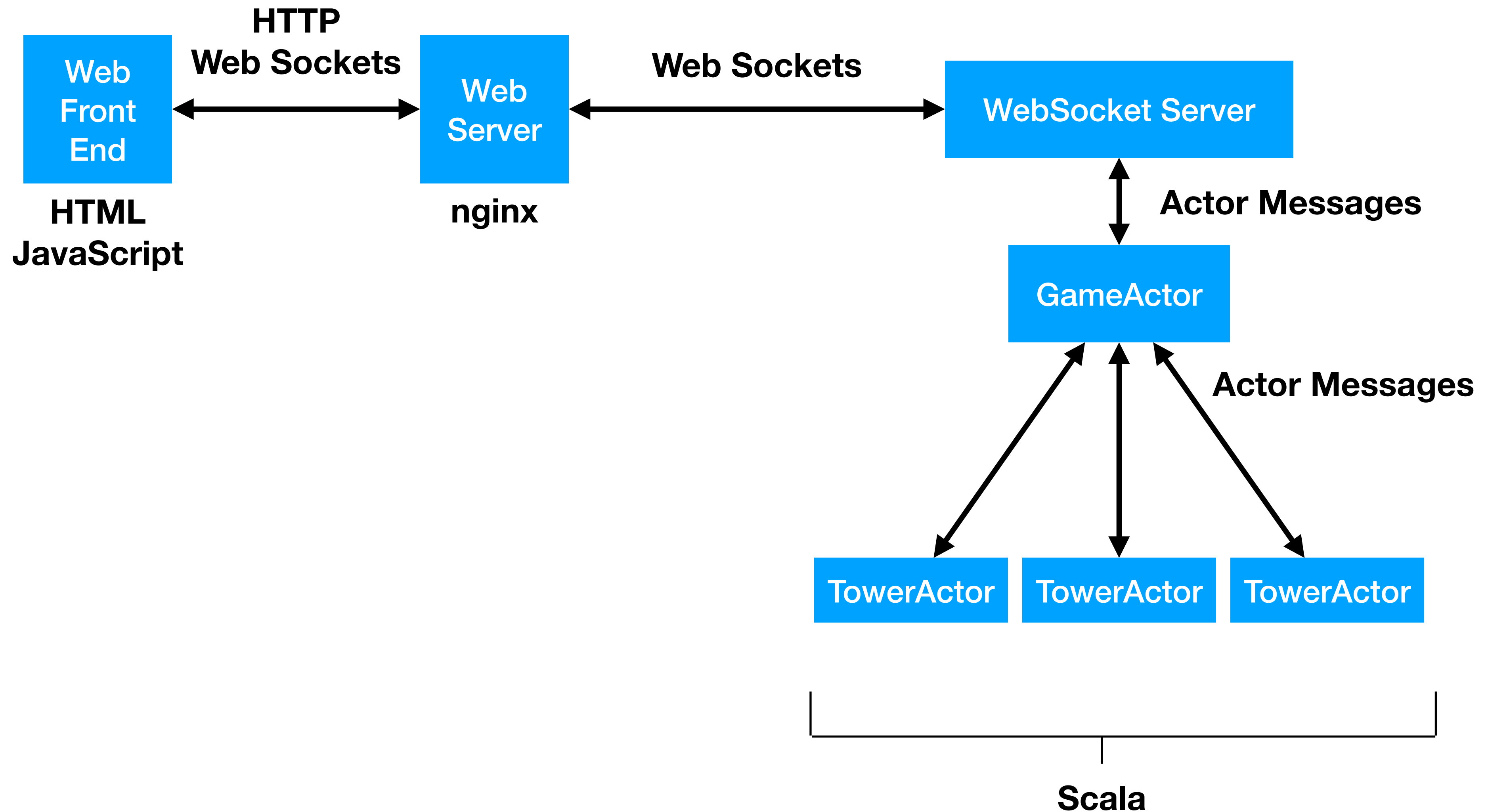


# Towers Architecture

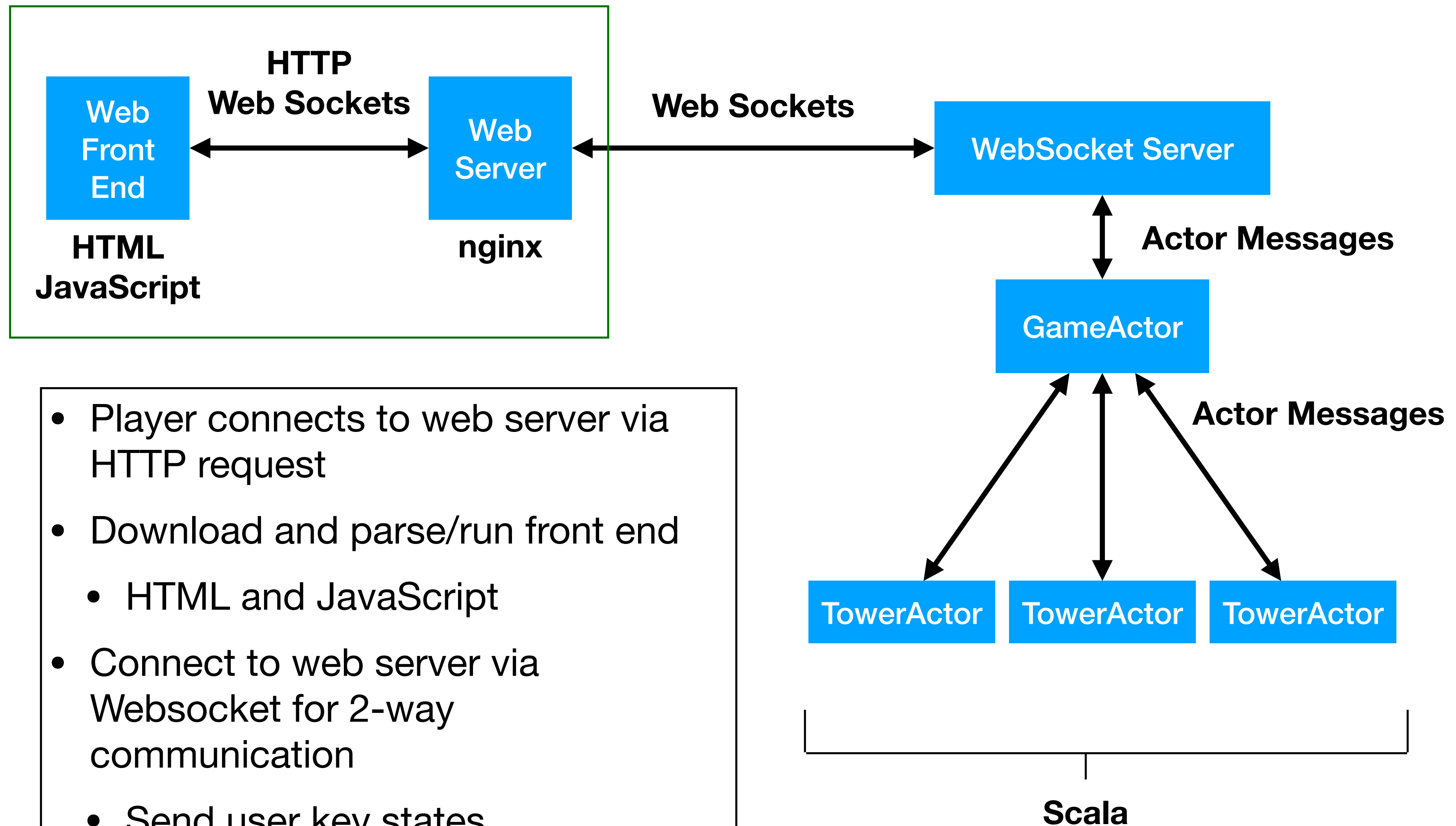
# MMO

- Massive Multiplayer Online (MMO) App
  - Typically refers to games, but can include any online app where many users interact in real time
- Today we'll see our first example where users are interacting in realtime in the same app
- Excluding the chat app which technically met this condition

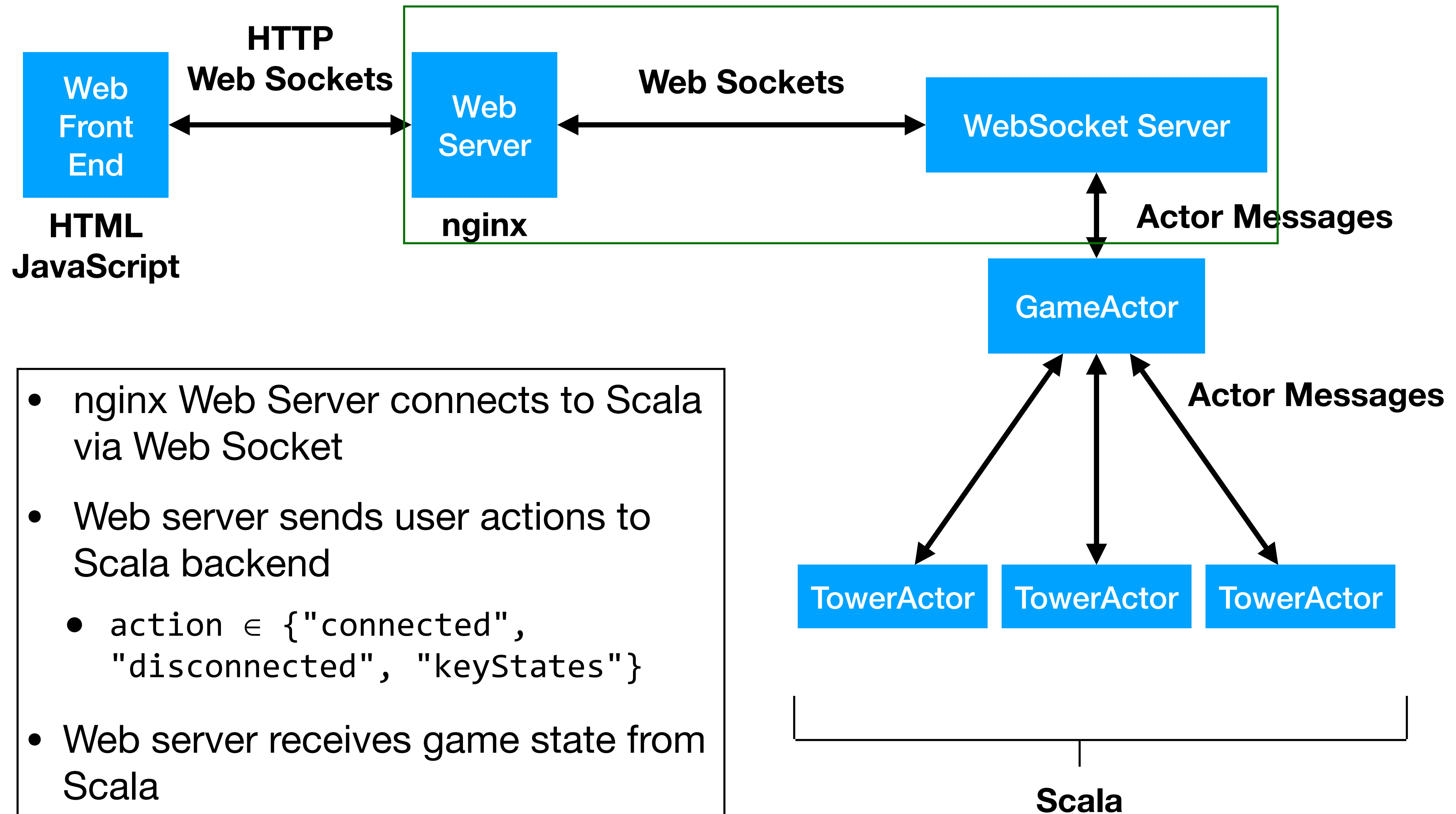
# Towers Architecture



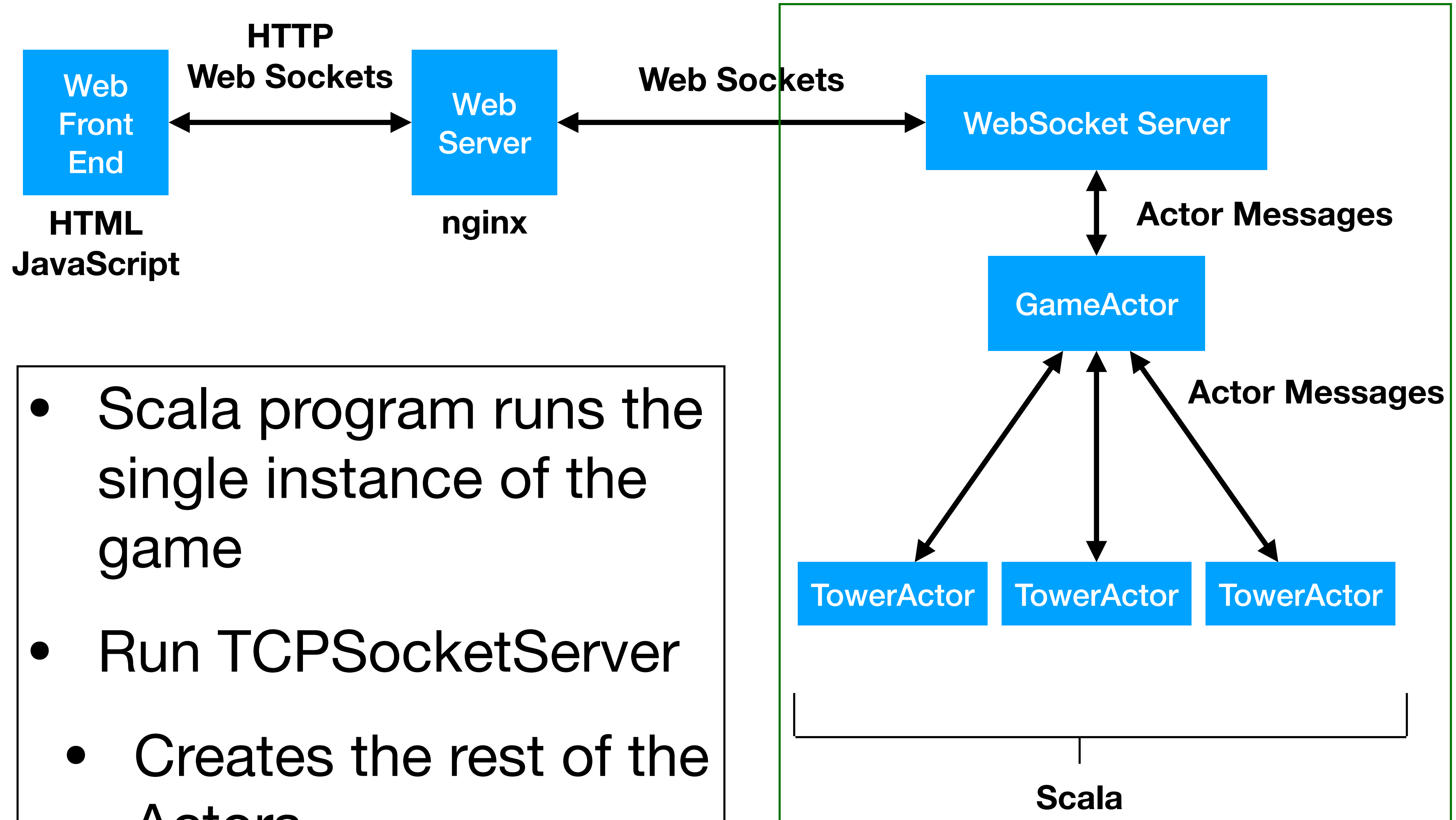
# Towers Architecture



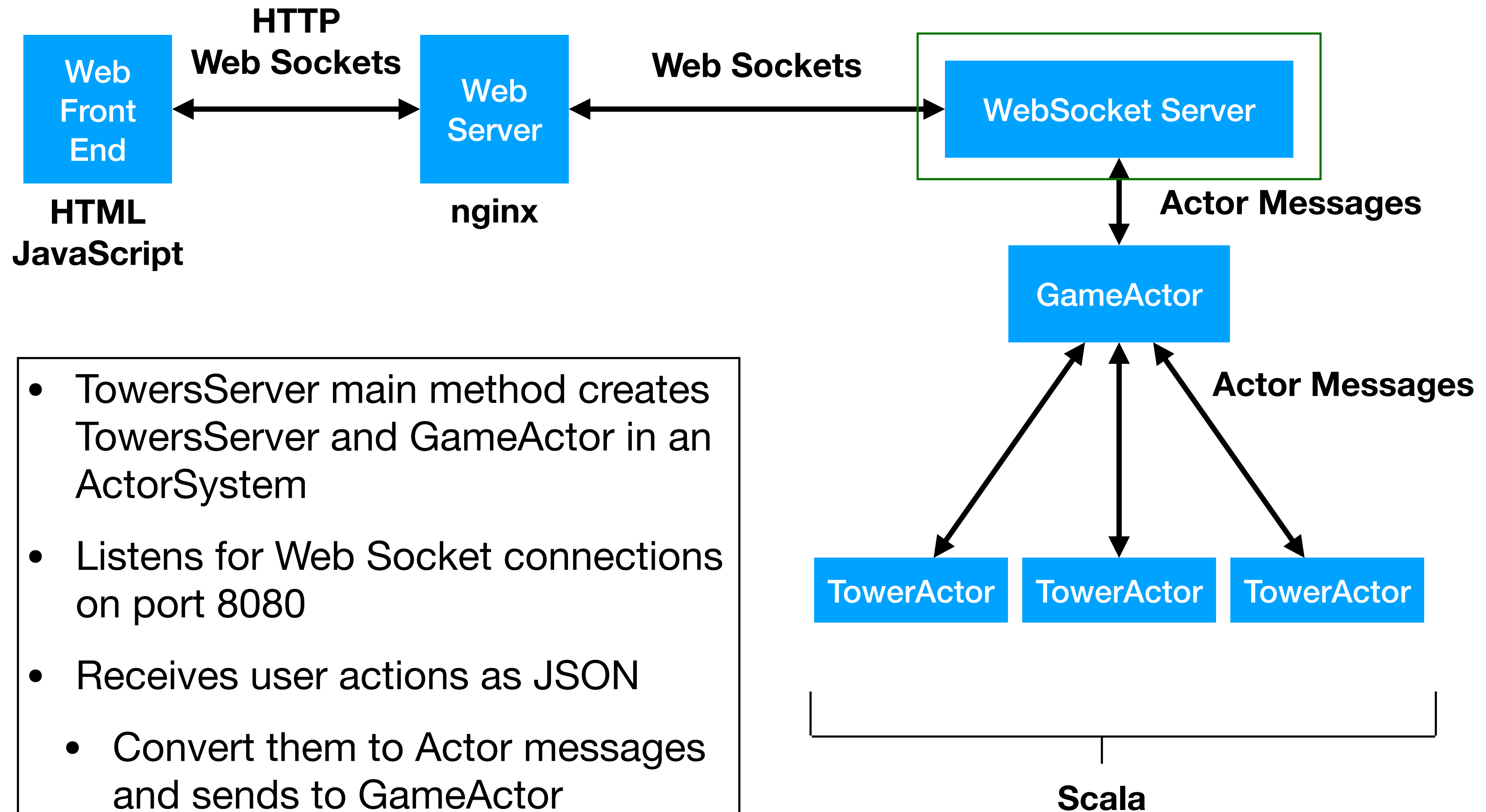
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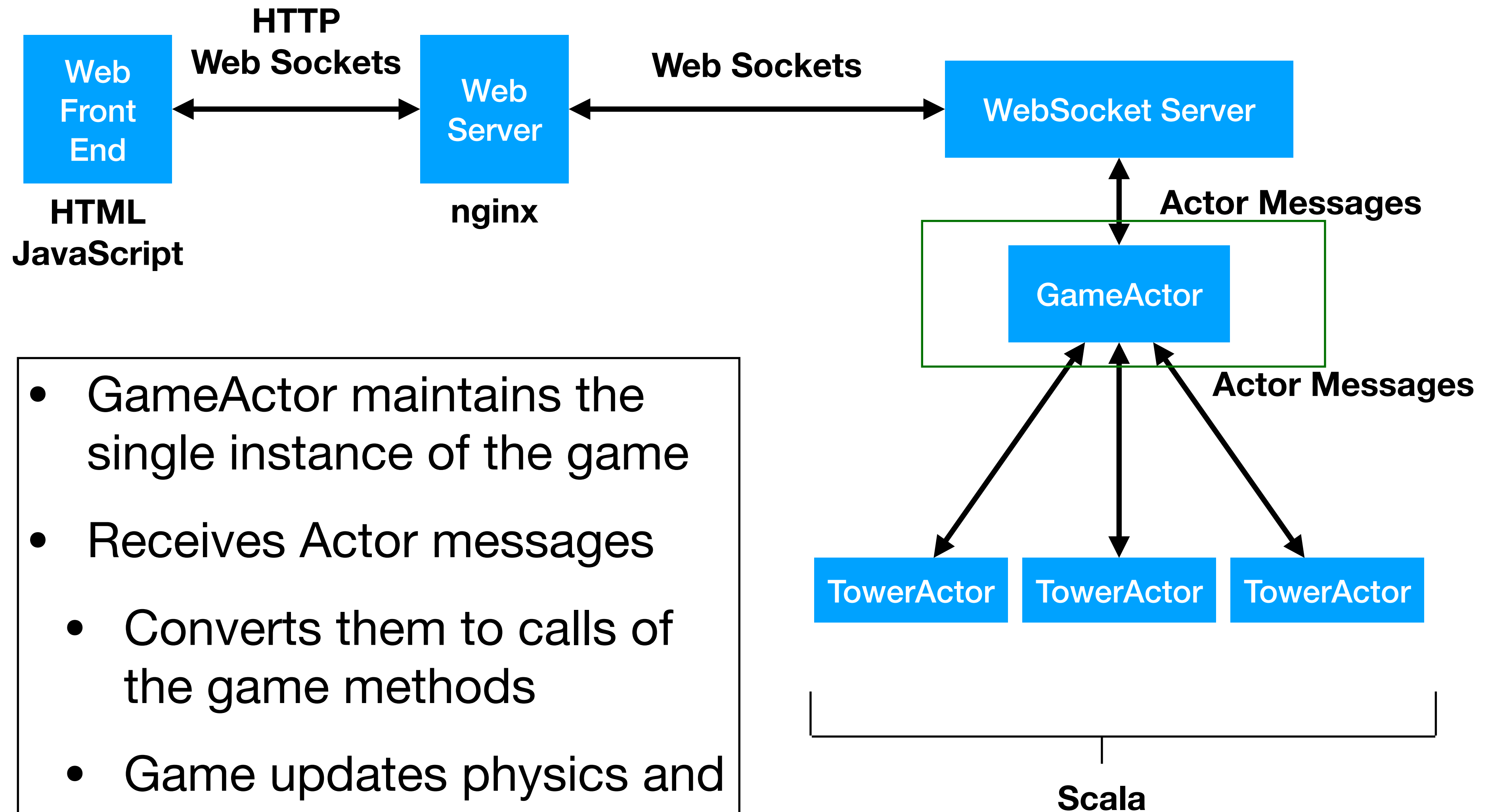
# Towers Architecture



# Towers Architecture

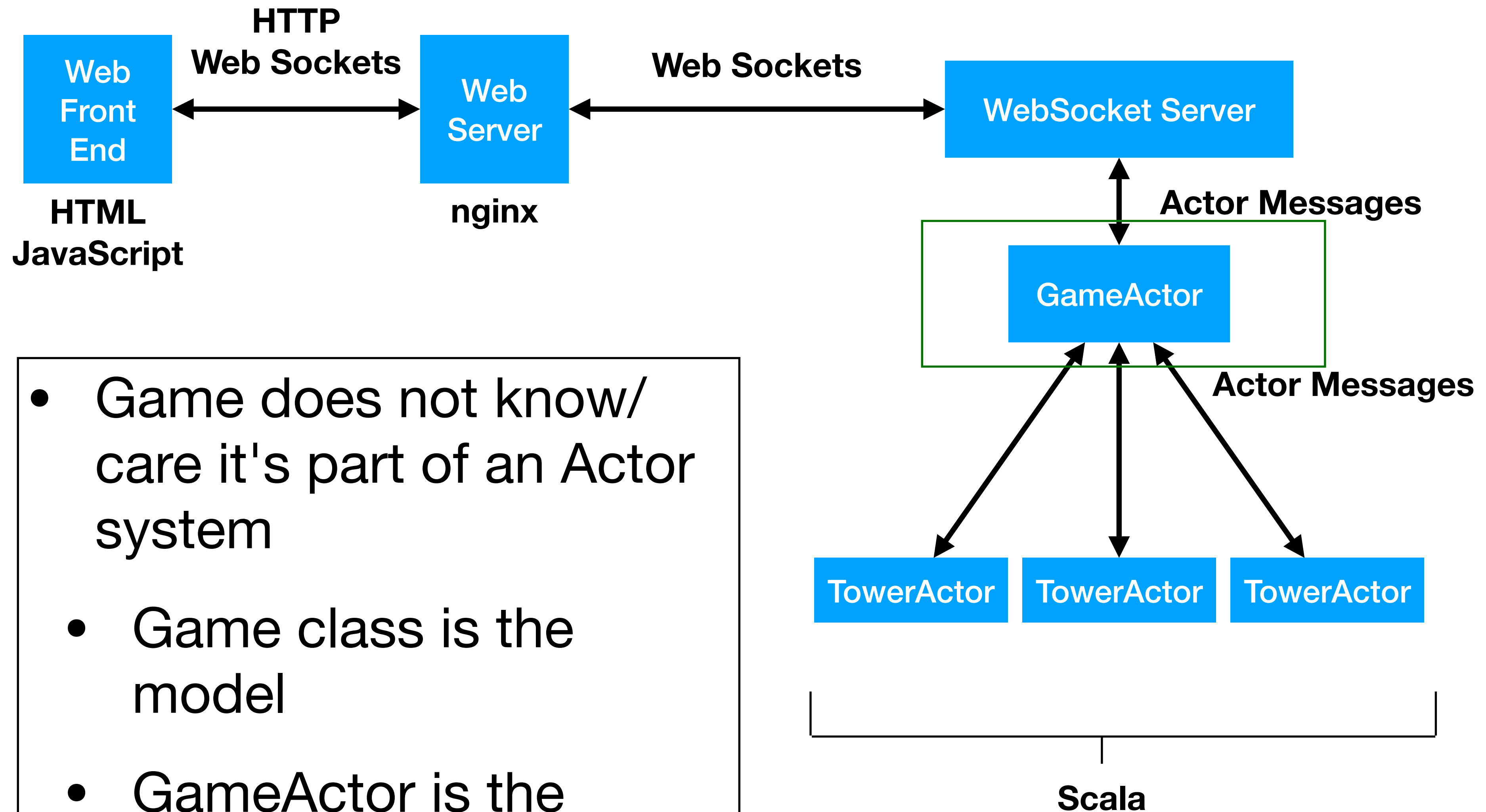


# Towers Architecture

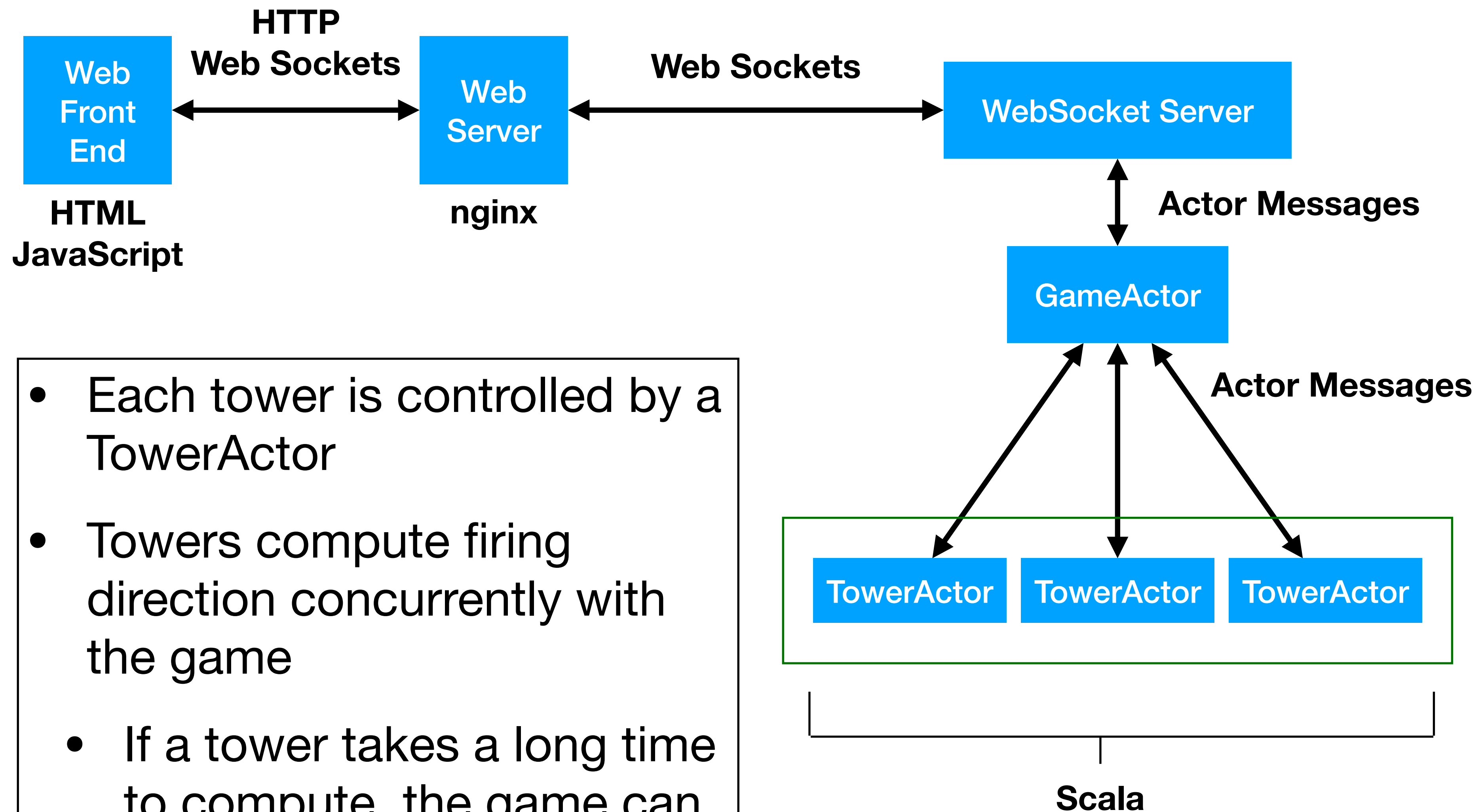




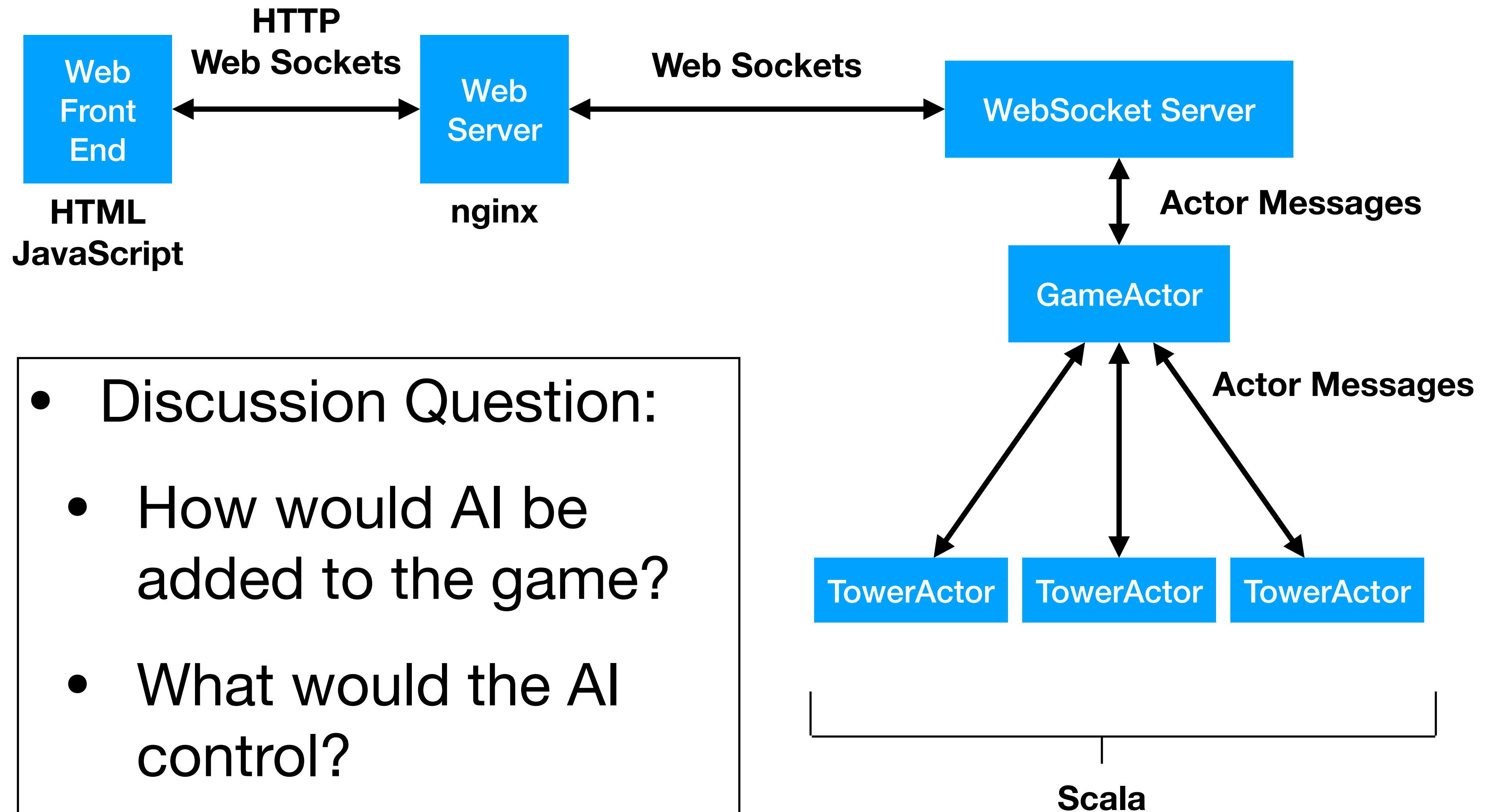
# Towers Architecture



# Towers Architecture

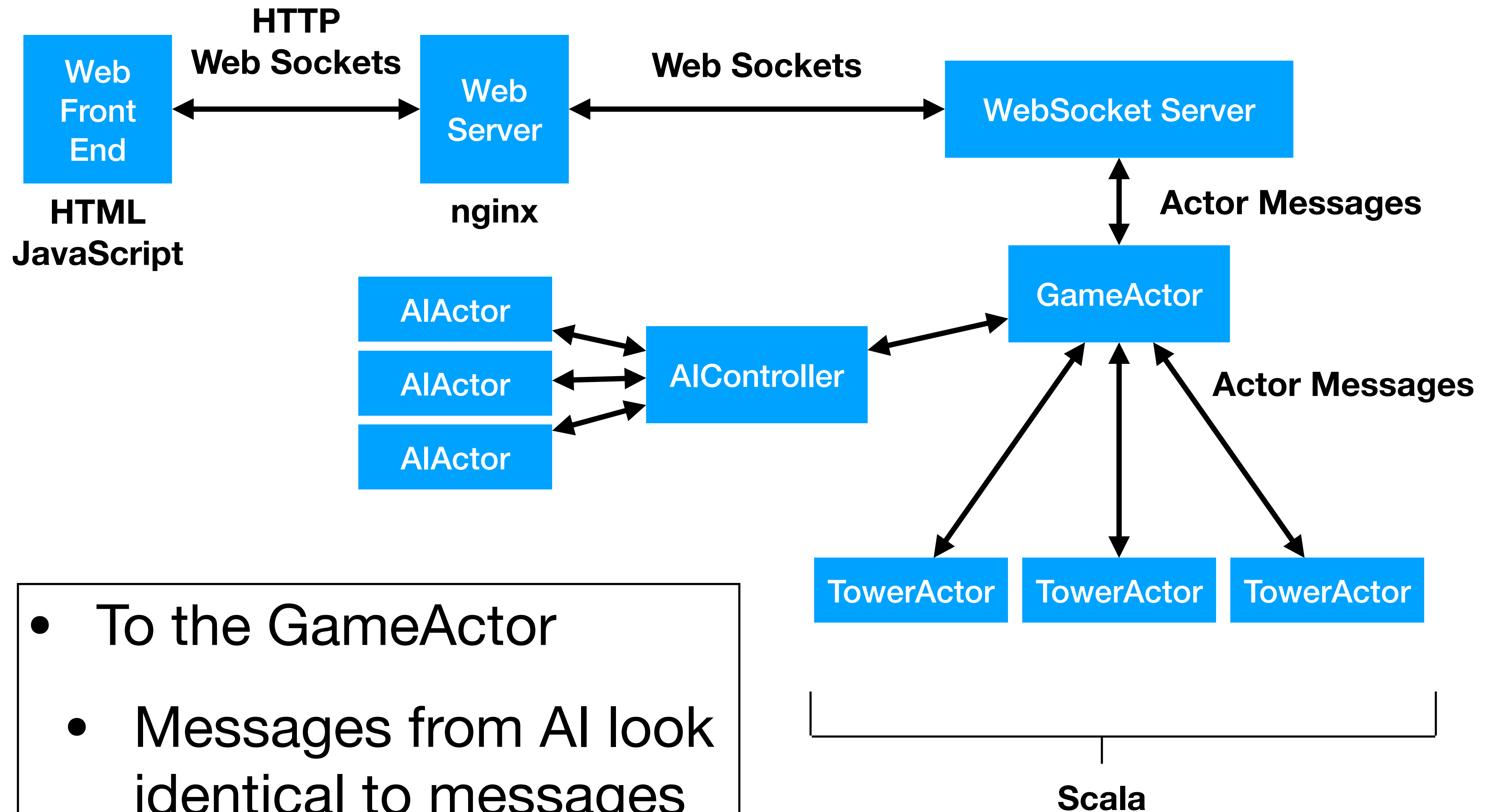


# Towers Architecture



- Discussion Question:
  - How would AI be added to the game?
  - What would the AI control?
  - How would it behave?

# Towers Architecture



# Example App

- We'll see a [simple] app where users can see each others mouse movements
- Not particularly fun, but shows the technology used to build a full game



**Example in IntelliJ**