

```

1. /// Creates the Actor
2. pub fn start() -> Subject(DirectorActorMessage) {
3.     let assert Ok(actor) =
4.         actor.start(DirectorActorState(dict.new()), handle_message)
5.     actor
6. }
7. /// Handles messages from other actors
8. ///
9. fn handle_message(
10.     message: DirectorActorMessage,
11.     state: DirectorActorState,
12. ) -> Next(DirectorActorMessage, DirectorActorState) {
13.     case message {
14.         EnqueueParticipant(game_code, player, participant_subject) -> {
15.             let participant = #(player, participant_subject)
16.             let new_queue = case state.games_waiting |> get(game_code) {
17.                 Ok(first_participant) -> {
18.                     //They are joining a Game
19.                     game.start([participant, ..first_participant])
20.                     state.games_waiting |> drop([game_code])
21.                 }
22.                 _ -> {
23.                     //They created the game
24.                     state.games_waiting |> insert(game_code, [participant])
25.                 }
26.             }
27.             let new_state = DirectorActorState(games_waiting: new_queue)
28.             new_state |> actor.continue
29.         }
30.         DequeueParticipant(game_code) -> {
31.             let new_queue = state.games_waiting |> drop([game_code])
32.             let assert Ok(waiting_games) = table.ref("waiting_games")
33.             waiting_games |> table.delete(game_code)
34.             let new_state = DirectorActorState(games_waiting: new_queue)
35.             new_state |> actor.continue
36.         }
37.     }
38. }

```