

```

/// Creates the Actor
pub fn start() -> Subject(DirectorActorMessage) {
    let assert Ok(actor) =
        actor.start(DirectorActorState(dict.new()), handle_message)
    actor
}

/// Handles messages from other actors
///
fn handle_message(
    message: DirectorActorMessage,
    state: DirectorActorState,
) -> Next(DirectorActorMessage, DirectorActorState) {
    case message {
        EnqueueParticipant(game_code, player, participant_subject) -> {
            let participant = #(player, participant_subject)
            let new_queue = case state.games_waiting |> get(game_code) {
                Ok(first_participant) -> {
                    //They are joining a Game
                    game.start([participant, ..first_participant])
                    state.games_waiting |> drop([game_code])
                }
                _ -> {
                    //They created the game
                    state.games_waiting |> insert(game_code, [participant])
                }
            }
            let new_state = DirectorActorState(games_waiting: new_queue)
            new_state |> actor.continue
        }
        DequeueParticipant(game_code) -> {
            let new_queue = state.games_waiting |> drop([game_code])
            let assert Ok(waiting_games) = table.ref("waiting_games")
            waiting_games |> table.delete(game_code)
            let new_state = DirectorActorState(games_waiting: new_queue)
            new_state |> actor.continue
        }
    }
}

```