|  |  |  |  |
| --- | --- | --- | --- |
|  | Rest EndPoint | Type | Sample output |
| **Create a new game** | http://localhost:8080/connect4/api/game/create | POST | {  "gameId": "C4\_b856dfda-3754-425b-b329-e52a0a09a50b"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "--------"  **-**  "player1":  {  "id": "P1\_951c798b-f36a-4477-9697-0e1502ad52b3"  "pieceColor": "r"  }  **-**  "player2": null  "gameStatus": true  "nextMove": ""  "winnerIfExist": ""  } |
| **Join a game** | http://localhost:8080/connect4/api/game/ C4\_b856dfda-3754-425b-b329-e52a0a09a50b /join | POST | {  "gameId": "C4\_b856dfda-3754-425b-b329-e52a0a09a50b"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "--------"  **-**  "player1":  {  "id": "P1\_951c798b-f36a-4477-9697-0e1502ad52b3"  "pieceColor": "r"  }  **-**  "player2":  {  "id": "P2\_af84403d-8fd3-4231-825d-ecbb696f13f7"  "pieceColor": "b"  }  **-**  "gameStatus": true  "nextMove": ""  "winnerIfExist": ""  } |
| **Play a game** | http://localhost:8080/connect4/api/game/C4\_b856dfda-3754-425b-b329-e52a0a09a50b/player/P1\_951c798b-f36a-4477-9697-0e1502ad52b3/col/1/play | POST | {  "gameId": "C4\_b856dfda-3754-425b-b329-e52a0a09a50b"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "-r------"  **-**  "player1":  {  "id": "P1\_951c798b-f36a-4477-9697-0e1502ad52b3"  "pieceColor": "r"  }  **-**  "player2":  {  "id": "P2\_af84403d-8fd3-4231-825d-ecbb696f13f7"  "pieceColor": "b"  }  **-**  "gameStatus": true  "nextMove": "b"  "winnerIfExist": ""  } |
| **Get a game with Id** | http://localhost:8080/connect4/api/game/C4\_b856dfda-3754-425b-b329-e52a0a09a50b/get | GET | {  "gameId": "C4\_b856dfda-3754-425b-b329-e52a0a09a50b"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "-r------"  **-**  "player1":  {  "id": "P1\_951c798b-f36a-4477-9697-0e1502ad52b3"  "pieceColor": "r"  }  **-**  "player2":  {  "id": "P2\_af84403d-8fd3-4231-825d-ecbb696f13f7"  "pieceColor": "b"  }  **-**  "gameStatus": true  "nextMove": "b"  "winnerIfExist": ""  } |
| **Leave a game with id** | http://localhost:8080/connect4/api/game/C4\_b856dfda-3754-425b-b329-e52a0a09a50b/player/P1\_951c798b-f36a-4477-9697-0e1502ad52b3/leave | POST | {  "gameId": "C4\_b856dfda-3754-425b-b329-e52a0a09a50b"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "-r------"  **-**  "player1": null  "player2":  {  "id": "P2\_af84403d-8fd3-4231-825d-ecbb696f13f7"  "pieceColor": "b"  }  **-**  "gameStatus": true  "nextMove": "b"  "winnerIfExist": ""  } |
| **Get all game sessions** | http://localhost:8080/connect4/api/game/getAllGameSessions | GET | "C4\_850b28c3-e2f2-42fb-8db7-6d6e8001ae31":  {  "gameId": "C4\_850b28c3-e2f2-42fb-8db7-6d6e8001ae31"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "--------"  **-**  "player1":  {  "id": "P1\_1ad2bfac-f4d8-40c5-b4fc-acb62ec798b9"  "pieceColor": "r"  }  **-**  "player2":  {  "id": "P2\_hjklkjh"  "pieceColor": "b"  }  **-**  "gameStatus": true  "nextMove": ""  "winnerIfExist": ""  }  **-**  "C4\_759760c9-6934-4966-bd3e-293ad4c1aa73":  {  "gameId": "C4\_759760c9-6934-4966-bd3e-293ad4c1aa73"  "board":  [  8]  0:  "--------"  1:  "--------"  2:  "--------"  3:  "--------"  4:  "--------"  5:  "--------"  6:  "--------"  7:  "--------"  **-**  "player1":  {  "id": "P1\_eeb9d96a-348c-4557-b557-b42808458100"  "pieceColor": "r"  }  **-**  "player2": null  "gameStatus": true  "nextMove": ""  "winnerIfExist": ""  } |
| **Delete game with Id** | http://localhost:8080/connect4/api/game/C4\_b856dfda-3754-425b-b329-e52a0a09a50b/delete | DELETE | Game with id : C4\_b856dfda-3754-425b-b329-e52a0a09a50b have been deleted! |