JSON Objects

[Server 2](#_Toc384401141)

[Game Engines 2](#_Toc384401142)

[Game Engine 2](#_Toc384401143)

[Sever Sessions 2](#_Toc384401144)

[Server Session 2](#_Toc384401145)

[Users 2](#_Toc384401146)

[User 2](#_Toc384401147)

[Game Information List 2](#_Toc384401148)

[Game Information 3](#_Toc384401149)

[Server Chat Messages 4](#_Toc384401150)

[Server Chat Message 4](#_Toc384401151)

[Game Engine 5](#_Toc384401152)

[Sever Sessions 5](#_Toc384401153)

[Server Session 5](#_Toc384401154)

[Game Sessions 5](#_Toc384401155)

[Game Session 5](#_Toc384401156)

[Players 5](#_Toc384401157)

[Player 5](#_Toc384401158)

[Game 5](#_Toc384401159)

[Game Update 6](#_Toc384401160)

[Game Information 6](#_Toc384401161)

[Game Chat Messages 6](#_Toc384401162)

[Game Chat Message 7](#_Toc384401163)

[Client 8](#_Toc384401164)

[Game Command 8](#_Toc384401165)

# Server

## Game Engines

|  |
| --- |
| {  {"Ip": "127.0.0.1", "Port": 6500},  {"Ip": "127.0.0.1", "Port": 6501}  } |

## Game Engine

|  |
| --- |
| {"Ip": "127.0.0.1", "Port": 6500} |

## Sever Sessions

|  |
| --- |
| {  {"SessionNumber": 123, "Username": "user"},  {"SessionNumber": 123, "Username": "user"}  } |

## Server Session

|  |
| --- |
| {"SessionNumber": 123, "Username": "user"} |

## Users

|  |
| --- |
| {  {"Username": "user", "Password": "password"},  {"Username": "user", "Password": "password"}  } |

## User

|  |
| --- |
| {"Username": "user", "Password": "password"} |

## Game Information List

|  |
| --- |
| {  {  "Title": "Game 1",  "Network":  {  "IP Address": "127.0.0.1",  "URL": "localhost",  "Port": 6500,  "Communication": "HTTP",  },  "Parameters":  {  "Minimum Players": 2,  "Maximum Players": 8,  "Current Players": 4  }  },  {  "Title": "Game 2",  "Network":  {  "IP Address": "127.0.0.1",  "URL": "localhost",  "Port": 6500,  "Communication": "HTTP",  },  "Parameters":  {  "Minimum Players": 2,  "Maximum Players": 8,  "Current Players": 4  }  }  } |

## Game Information

|  |
| --- |
| {  "Title": "Game 2",  "Network":  {  "IP Address": "127.0.0.1",  "URL": "localhost",  "Port": 6500,  "Communication": "HTTP",  },  "Parameters":  {  "Minimum Players": 2,  "Maximum Players": 8,  "Current Players": 4  }  } |

## Server Chat Messages

|  |
| --- |
| {  {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Server Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  },  {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Server Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  }  } |

## Server Chat Message

|  |
| --- |
| {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Server Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  } |

# Game Engine

## Sever Sessions

|  |
| --- |
| {  {"SessionNumber": 123, "Username": "user"},  {"SessionNumber": 123, "Username": "user"}  } |

## Server Session

|  |
| --- |
| {"SessionNumber": 123, "Username": "user"} |

## Game Sessions

|  |
| --- |
| {  {"SessionNumber": 123, "PlayerName": "player"},  {"SessionNumber": 123, "PlayerName": "player"}  } |

## Game Session

|  |
| --- |
| {"SessionNumber": 123, "PlayerName": "player"} |

## Players

|  |
| --- |
| {  {  "PlayerName": "player",  . . .  },  {  "PlayerName": "player",  . . .  }  } |

## Player

|  |
| --- |
| {  "PlayerName": "player",  . . .  } |

## Game

|  |
| --- |
| {  . . .  } |

## Game Update

|  |
| --- |
| {  . . .  } |

## Game Information

|  |
| --- |
| {  "Title": "Game 2",  "Network":  {  "IP Address": "127.0.0.1",  "URL": "localhost",  "Port": 6500,  "Communication": "HTTP",  },  "Parameters":  {  "Minimum Players": 2,  "Maximum Players": 8,  "Current Players": 4  }  } |

## Game Chat Messages

|  |
| --- |
| {  {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Game Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  },  {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Game Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  }  } |

## Game Chat Message

|  |
| --- |
| {  "SessionNumber": 123,  "ChatMessage":  {  "Type": "Game Chat",  "SessionNumber": 123,  "Username": "user",  "Message": "user message",  "Status": "active",  "Source": "Server"  }  } |

# Client

## Game Command

|  |
| --- |
| {  . . .  } |