网络传输——数据格式

说明：黑色的字为数据包说明，红色的字为示例，代表去掉最开始表示长度的四个字节之后的结果。

注册：

客户端：(四字节长度){‘sid’: ‘accountService’, ‘cid’: "register", ‘username’: , ‘password’: }

{"username": "wusl", "password": "wusl", "cid": "register", "sid": "accountS ervice"}

服务端：(四字节长度){‘sid’: ‘accountService’, ‘cid’: "register", ‘result’: True/ False}

{"cid": "register", "result": false, "sid": "accountService"}

登陆：

客户端：(四字节长度){‘sid’: ‘accountService’, ‘cid’: "login", ‘username’: , ‘password’: }

{"username": "wusl", "password": "wusl", "cid": "login", "sid": "accountService"}

服务端：(四字节长度){‘sid’: ‘accountService’, ‘cid’: "login", ‘result’: True, ‘identification’: } /

(四字节长度){‘sid’: ‘accountService’, ‘cid’: "login", ‘result’: False}

{"cid": "login", "identification": "9ED47B59E065860C434A176E359B095Cwusl", " result": true, "sid": "accountService"}

开始战斗：

客户端：(四字节长度) {"sid": "battleService", "cid": "startFight", "identification": ""}

{"cid": "startFight", "identification": "9ED47B59E065860C434A176E359B095Cwusl", "sid": "battleService"}

服务端：(四字节长度) {"sid": "battleService", "cid": "startFight", ‘result’ : {‘player’: {‘0’:[{‘hp’: 5, ‘atk’: 2}, {}], ‘1’:[], ‘2’:[], ‘legend’:{‘hp’: , ‘speed’: }}, ‘computer’:{}}}

{"sid": "battleService", "result": {"player": {"1": [{"hp": 5, "atk": 2}, {"hp": 3, "atk": 1}, {"hp": 3, "atk": 2}], "0": [{"hp": 3, "atk": 1}, {"hp": 5, "atk": 2}, {"hp": 3, "atk": 2}], "2": [{"hp": 3, "atk": 2}, {"hp": 3, "atk": 1}, {"hp": 5, "atk": 2}], "legend": {"hp": 10, "speed": 10}}, "computer": {"1": [{"hp": 3, "atk": 2}, {"hp": 5, "atk": 2}, {"hp": 3, "atk": 1}], "0": [{"hp": 5, "atk": 2}, {"hp": 3, "atk": 1}, {"hp": 3, "atk": 2}], "2": [{"hp": 3, "atk": 2}, {"hp": 3, "atk": 1}, {"hp": 5, "atk": 2}], "legend": {"hp": 10, "speed": 5}}}, "cid": "startFight"}

移动一步：

客户端：(四字节长度){ "sid": "battleService", "cid": "fightOneTurn", "identification": ""}

{"cid": "fightOneTurn", "identification": "9ED47B59E065860C434A176E359B095Cwusl", "sid": "battleService"}

服务端：(四字节长度){ "sid": "battleService", "cid": "fightOneTurn", ‘result’: [[{‘from’: ‘to’: , ‘harm’:}, {}]]}

{"sid": "battleService", "result": [[{"to": 5, "harm": 1, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 2, "from": 3}, {"to": 1, "harm": 2, "from": 5}, {"to": 2, "harm": 2, "from": 6}, {"to": 3, "harm": 2, "from": 7}]], "cid": "fightOneTurn"}

自动战斗：

客户端：(四字节长度){ "sid": "battleService", "cid": "fightToEnd", "identification": ""}

{"cid": "fightToEnd", "identification": "9ED47B59E065860C434A176E359B095Cwusl", "sid": "battleService"}

服务端：(四字节长度){ "sid": "battleService", "cid": " fightToEnd ", ‘result’: [[{‘from’: ‘to’: , ‘harm’:}, {}], []]}

{"sid": "battleService", "result": [[{"to": 5, "harm": 1, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 2, "from": 3}, {"to": 1, "harm": 2, "from": 5}, {"to": 2, "harm": 2, "from": 6}, {"to": 3, "harm": 1, "from": 7}],[{"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 1, "from": 3}, {"to": 1, "harm": 2, "from": 5}, {"to": 2, "harm": 2, "from": 6}, {"to": 3, "harm": 1, "from": 7}], [{"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 1, "from": 2}, {"to": 7, "harm": 1, "from": 3}, {"to": 1, "harm": 1, "from": 5}, {"to": 2, "harm": 2, "from": 6}, {"to": 3, "harm": 1, "from": 7}],[{"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 1, "from": 2}, {"to": 7, "harm": 1, "from": 3}, {"to": 1, "harm": 1, "from": 5}, {"to": 2, "harm": 2, "from": 6}, {"to": 3, "harm": 2, "from": 7}], [{"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 2, "from": 3}, {"to": 1, "harm": 2, "from": 5}, {"to": 2, "harm": 1, "from": 6}, {"to": 3, "harm": 2, "from": 7}],[{"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 2, "from": 3}, {"to": 1, "harm": 2, "from": 5}, {"to": 2, "harm": 1, "from": 6}, {"to": 3, "harm": 2, "from": 7}], {"to": 5, "harm": 2, "from": 1}, {"to": 6, "harm": 2, "from": 2}, {"to": 7, "harm": 2, "from": 3}], "cid": "fightToEnd"}