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pychat_util.py
LF Unicode (UTF-8) Python
行尾 文件编码 语法样式 检查器

82 elif "<list>" in msg:
83     self.list_rooms(player)
84
85 elif "<manual>" in msg:
86     player.socket.sendall(instructions)
87
88 elif "<quit>" in msg:
89     player.socket.sendall(QUIT_STRING.encode())
90     self.remove_player(player)
91
92 elif "<json>" in msg:
93     self.json_parse(msg)
94     player.socket.sendall(msg.encode())
95
96 else:
97     #####
98     # check if in a room or not first
99     #####
100     if player.name in self.room_player_map:
101         self.rooms[self.room_player_map[player.name]].broadcast(player, msg.encode())
102     else:
103         msg = 'You are currently not in any room! \n' \
104             + 'Use [<list>] to see available rooms! \n' \
105             + 'Use [<join> room_name] to join a room! \n'
106         player.socket.sendall(msg.encode())
107
108 def json_parse(self, msg):
109     print(msg)
110     parsed_json = json.loads(msg)
111     print(parsed_json)
112     message = json.dumps(parsed_json)
113     print(message)
114
115 def remove_player(self, player):
116     if player.name in self.room_player_map:
117         self.rooms[self.room_player_map[player.name]].remove_player(player)
118         del self.room_player_map[player.name]
119     print("Player: " + player.name + " has left\n")
120
121 行数: 148 字符数: 5,486 位置: 4,271 行: 111 5.49 KB
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Last login: Tue Oct 22 21:30:38 on ttys000
WeijianXiong@WeijiandeMacBook-Air ~ % python3 pychat_server.py 127.0.0.1
Now listening at ('127.0.0.1', 22222)
new says: name: joy
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```
New connection from: joy
joy says: [<json>>{"first":"wei", "last":"jian"}

[<json>>{"first":"wei", "last":"jian"}
```

```
Traceback (most recent call last):
  File "pychat_server.py", line 42, in <module>
    hall.handle_msg(player, msg)
  File "/Users/WeijianXiong/pychat_util.py", line 93, in handle_msg
    self.json_parse(msg)
  File "/Users/WeijianXiong/pychat_util.py", line 110, in json_parse
    parsed_json = json.loads(msg)
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/json/_l
nit_.py", line 348, in loads
    return _default_decoder.decode(s)
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/json/dec
oder.py", line 337, in decode
    obj, end = self.raw_decode(s, idx=_w(s, 0).end())
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/json/dec
oder.py", line 355, in raw_decode
    raise JSONDecodeError("Expecting value", s, err.value) from None
json.decoder.JSONDecodeError: Expecting value: line 1 column 2 (char 1)
WeijianXiong@WeijiandeMacBook-Air ~ %
```

```
Last login: Tue Oct 22 22:49:46 on ttys000
WeijianXiong@WeijiandeMacBook-Air ~ % python3 pychat_client.py 127.0.0.1
Connected to server
```

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Welcome to pychat.
Please tell us your name:
>
joy
Instructions:
[<list>] to list all rooms
[<join> room_name] to join/create/switch to a room
[<manual>] to show instructions
[<quit>] to quit
[<json>] to send JSON
Otherwise start typing and enjoy!
>
[<json>>{"first":"wei", "last":"JIAN"}
Server down!
WeijianXiong@WeijiandeMacBook-Air ~ %
```