#### Run

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | Run | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 处理Json信息并执行，保持服务端运行 | | | |
| **记述形式** | void Run() | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| 无 |  | |  |  |
| 无 |  | |  |  |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
| 无 |  | |
| **详细说明** | | | | |

#### Register

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | Register | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 响应用户注册请求 | | | |
| **记述形式** | void Register(QtcpSocket\* QTSocket, Qstring Username, Qstring Password) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QtcpSocket\* | QTSocket | | I | QtcpSocket套接字 |
| Qstring | Username | | I | 用户名 |
| Qstring | Password | | I | 密码 |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
|  |  | |
| **详细说明** | | | | |

#### LogIn

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | LogIn | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 响应用户登录请求 | | | |
| **记述形式** | void LogIn(QTcpSocket\* QTSocket, QString Username, QString Password) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QTcpSocket\* | QTSocket | | I | QTcpSocket套接字 |
| Qstring | Username | | I | 用户名 |
| Qstring | Password | | I | 密码 |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
|  |  | |
| **详细说明** | | | | |

#### LogOut

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | LogOut | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 响应用户退出需求 | | | |
| **记述形式** | void LogOut(QTcpSocket\* QTSocket) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QtcpSocket\* | QTSocket | | I | QTcpSocket套接字 |
|  |  | |  |  |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
|  |  | |
| **详细说明** | | | | |

#### Send

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | Send | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 响应用户向其他用户发送邮件的请求 | | | |
| **记述形式** | void Send(QTcpSocket\* QTSocket, Qstring Sender, Qstring Receiver, QString MailTheme, QString MailContent) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QTcpSocket\* | QTSocket | | I | QTcpSocket套接字 |
| QString | Sender | | I | 发送者Username |
| QString | Receiver | | I | 接受者Username |
| QString | MailTheme | | I | 邮件主题 |
| QString | MaliContent | | I | 邮件内容 |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
|  |  | |
| **详细说明** | | | | |

#### Show

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | Show | | | |
| **文件名** | ../Server.c | | | |
| **功能概要** | 响应用户展示邮件列表或联系人列表的请求 | | | |
| **记述形式** | void Show(QTcpSocket\* QTSocket, Qstring Username, int state=-1, int isDraft=-1); | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QTcpSocket\* | QTSocket | | I | QTcpSocket套接字 |
| Qstring | Username | | I | 用户名 |
| Int | state | | I | 邮件状态（已读、未读、删除） |
| int | isDraft | | I | 是否是草稿 |
| **返回值** | **类型** | 无 | **说明** | |
| **值** | 无 |  | |
|  |  | |
| **详细说明** | | | | |