邮件收发、管理部分函数

模块间接口函数

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ClientReceive 客户端信息接收

模块内部函数

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DeleteMail 删除邮件

**ClientSend**

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| **函数名** | ClientSend | | | |
| **文件名** | ../Client.cpp | | | |
| **功能概要** | 客户端信息发送 | | | |
| **记述形式** | bool Client::ClientSend(QTcpSocket\* tcpsocket , QByteArray\* buffer) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QTcpSocket\* | tcpsocket | | I | 服务器套接字 |
| QByteArray\* | buffer | | I | 发送数组指针 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 发送成功 | |
| 1 | 发送失败 | |
| **详细说明** | | | | |
| 客户端发送信息到服务器 | | | | |
| **使用注意事项** | | | | |
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**ClientReceive**

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| --- | --- | --- | --- | --- |
| **函数名** | ClientReceive | | | |
| **文件名** | ../Client.cpp | | | |
| **功能概要** | 客户端信息接收 | | | |
| **记述形式** | bool Client::ClientReceive(QByteArray\* buffer) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QByteArray\* | buffer | | I | 接收数组指针 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 接收成功 | |
| 1 | 接收失败 | |
| **详细说明** | | | | |
| 客户端从服务器接收信息 | | | | |
| **使用注意事项** | | | | |
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**MessagePack**

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| --- | --- | --- | --- | --- |
| **函数名** | MessagePack | | | |
| **文件名** | ../Message.cpp | | | |
| **功能概要** | 打包要发送的信息 | | | |
| **记述形式** | bool Message::MessagePack(QByteArray\* buffer) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QByteArray\* | buffer | | I | 打包后数据指针 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 打包成功 | |
| 1 | 打包失败 | |
| **详细说明** | | | | |
| 将数据打包后发送 | | | | |
| **使用注意事项** | | | | |
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**MessageUnpack**

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| --- | --- | --- | --- | --- |
| **函数名** | MessageUnpack | | | |
| **文件名** | ../Message.cpp | | | |
| **功能概要** | 解包要接收的信息 | | | |
| **记述形式** | bool Message::MessageUnpack(QByteArray\* buffer) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QByteArray\* | buffer | | I | 解包前数据指针 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 解包成功 | |
| 1 | 解包失败 | |
| **详细说明** | | | | |
| 将接收到的数据解包 | | | | |
| **使用注意事项** | | | | |
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**ShowMailList**

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| --- | --- | --- | --- | --- |
| **函数名** | ShowMailList | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 显示邮件列表 | | | |
| **记述形式** | bool mainwindow:: ShowMailList (Mail\* MailList, qint32 type) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | MailList | | I | 邮件列表 |
| qint32 | type | | I | 请求类型 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 显示成功 | |
| 1 | 显示失败 | |
| **详细说明** | | | | |
| 显示(全部/未读/草稿/已发送/垃圾箱)邮件信息列表 | | | | |
| **使用注意事项** | | | | |
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**ViewMail**

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| --- | --- | --- | --- | --- |
| **函数名** | ViewMail | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 查看邮件具体内容 | | | |
| **记述形式** | bool mainwindow:: ViewMail (Mail\* mail) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | mail | | I | 要查看的邮件 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 查看成功 | |
| 1 | 查看失败 | |
| **详细说明** | | | | |
| 查看邮件具体内容以及附件链接 | | | | |
| **使用注意事项** | | | | |
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**DownloadAttachFile**

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| --- | --- | --- | --- | --- |
| **函数名** | DownloadAttachFile | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 下载附件 | | | |
| **记述形式** | bool mainwindow:: DownloadAttachFile (QString AttachFileLink , QString Path) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QString | AttachFileLink | | I | 附件链接 |
| QString | Path | | I | 附件存储路径 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 下载成功 | |
| 1 | 下载失败 | |
| **详细说明** | | | | |
| 根据附件链接从服务器下载附件 | | | | |
| **使用注意事项** | | | | |
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**SendMail**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | ViewMail | | | |
| **文件名** | ../senddialog.cpp | | | |
| **功能概要** | 发送邮件 | | | |
| **记述形式** | bool senddialog:: SendMail (Mail\* mail) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | mail | | I | 要发送的邮件 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 查看成功 | |
| 1 | 查看失败 | |
| **详细说明** | | | | |
| 发送(/转发/回复)邮件 | | | | |
| **使用注意事项** | | | | |
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**AddAttachFile**

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| --- | --- | --- | --- | --- |
| **函数名** | AddAttachFile | | | |
| **文件名** | ../senddialog.cpp | | | |
| **功能概要** | 添加附件 | | | |
| **记述形式** | bool senddialog::AddAttachFile (QString Path) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QString | Path | | I | 附件存储路径 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 添加成功 | |
| 1 | 添加失败 | |
| **详细说明** | | | | |
| 添加附件 | | | | |
| **使用注意事项** | | | | |
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**SaveDraft**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | SaveDraft | | | |
| **文件名** | ../senddialog.cpp | | | |
| **功能概要** | 保存草稿 | | | |
| **记述形式** | bool senddialog::SaveDraft (Mail\* draft) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | draft | | I | 要保存的草稿 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 保存成功 | |
| 1 | 保存失败 | |
| **详细说明** | | | | |
| 上传草稿到服务器保存 | | | | |
| **使用注意事项** | | | | |
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**GetDraft**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **函数名** | GetDraft | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 从服务器获取草稿邮件 | | | |
| **记述形式** | bool mainwindow::GetDraft (Mail\* draft) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | draft | | I | 要保存的草稿 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 获取成功 | |
| 1 | 获取失败 | |
| **详细说明** | | | | |
| 从服务器获取草稿邮件 | | | | |
| **使用注意事项** | | | | |
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**SearchMail**

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| --- | --- | --- | --- | --- |
| **函数名** | SearchMail | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 搜索邮件 | | | |
| **记述形式** | bool mainwindow::SearchMail (QString key) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| QString | key | | I | 搜索关键词 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 搜索成功 | |
| 1 | 搜索失败 | |
| **详细说明** | | | | |
| 根据关键词搜索邮件，多个关键词由空格隔开 | | | | |
| **使用注意事项** | | | | |
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**DeleteMail**

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| --- | --- | --- | --- | --- |
| **函数名** | DeleteMail | | | |
| **文件名** | ../mainwindow.cpp | | | |
| **功能概要** | 删除邮件 | | | |
| **记述形式** | bool mainwindow::DeleteMail (Mail\* mail) | | | |
| **参数** | | | | |
| **类型** | **变量名** | | **I/O** | **说明** |
| Mail\* | mail | | I | 要删除的邮件 |
| **返回值** | **类型** | bool | **说明** | |
| **值** | 0 | 删除成功 | |
| 1 | 删除失败 | |
| **详细说明** | | | | |
| 将指定邮件放入垃圾箱 | | | | |
| **使用注意事项** | | | | |
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