Manual for the

FB-MailService WebServiceClient Android App

Version 2020

FB Software, Stuttgart

FB-MailService WebServiceClient

This document describes the FB-MailService WebServiceClient software.

In order to use this software always follow the instructions, notes and information in this documentation.
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Contents

1   Requirements

The minimum SDK for the app is SDK 14, i.e. Android ver. 4.0.x "Ice Cream Sandwich". Target SDK is SDK 29, i.e. Android ver. 10 "Q".

2   Usage

The app tries to keep up a permanent connection to the server. Over this connection the app gets notified about incoming mails and almost every change to the account.
The app may be pushed to the background, but must not be closed, in order to be able to remind of appointments and to notify about incoming mails.

3   Launching the app

The WebServiceClient app is started by tapping the icon. The main screen of the app and the login screen will show up.

To log in, you must specify:

- The network name of the computer on which the FB-MailService to connect to is running

- The full name and password of the account you want to use to log in.
  Note: Except for the `postmaster` account, the full account name is always a valid mail address, consisting of the local part, the `@` character and the global part.

- Whether the connection should be encrypted or unencrypted.

Note (1): If a protocol or ports other than the standard are to be used for the connection, the protocol and port can also be specified in the field for the network name, e.g. `https://host:4433` or `http://host:8080`.
Note (2): Several sessions can be logged in in parallel for one and the same FB-MailService account (i.e. two sessions for one account are not mutually exclusive), but only from different app instances. Only one app instance can be run on an Android device.

You can log in with as many accounts at the same time from the same app instance. The sessions with which you are logged in are listed in the "Registered sessions" spinner above the folders in the drawer menu and can be changed using this.
The app remembers sessions with which you have already logged in and lists them in the log in mask above. If you find the session of the account with which you want to log in here, you can simply select this session and then only have to enter the password. The remaining fields are filled in automatically.
After logging in, the folders and mails from the server are loaded and displayed.

Note: If the connection to the FB-MailService is only very narrow-band or the connection quality is poor, it would take a long time for a folder with a lot of mails to load. It is therefore advisable to set the mail period to a maximum of "Last Month", better still to "Last Week", **before** a folder is tapped. So only the mails from the last month (the last week) are loaded. You can set the mail period in the main mask via the menu item **Settings => Mail period**.

There are four areas:

- Mail area

- Address book
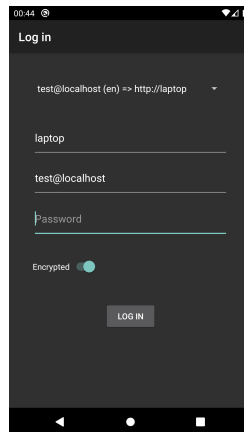
- Calendar

- File management

The composing of a new mail can be started in each of these four areas by tapping the button with the letter symbol at the bottom right. There are following special features:

- If mails are selected in the mail area, these mails are attached to the newly created mail.

- If contacts are marked in the address book, the mail addresses of the marked contacts will be entered as recipients.

- If appointments are marked in the calendar, these appointments are attached to the newly created mail.

- If files are marked in the file management, these files are attached to the newly created mail.

To select a template for the new mail to be created, a long tap on the button with the letter symbol must be carried out. A menu with the available templates then opens. The selected template is saved and used next time for new mails to be created.

4   The mail area

All available folders are shown in the drawer menu. The main mask lists all mails that correspond to the settings (mail period) and search entries. The sorting of the mails can be changed via the menu.

A mail row in the listing contains the following information:

- Whether a mail was replied or not; if replied, this is indicated by an arrow pointing to the left.

- Whether a mail was read or not: not read is indicated by a blue, unopened envelope (and by bold letters); read is indicated by a gray, open envelope (and by normal writing).

- If the sender of the mail has an image in the address book, this image will be displayed.

- Whether a mail was forwarded or not; if forwarded, this is indicated by an arrow pointing to the right.

- Whether a mail has attachments or not; if it has attachments, this is indicated by a small paper clip symbol.

- The name of the sender of the mail. If there is no sender name, the sender address of the mail.

- The subject of the mail.

- The date of the mail.

The listing can be sorted based on these (and other) properties by tapping on the corresponding submenu entry in the menu "Sorting". Tapping the submenu entry again reverses the sorting.
A mail is marked by short tapping the left area of the line where the sender's picture is displayed. Tapping the mail again removes the marking from the mail.
By **long** tapping on this area of a mail row, **all** mails in the current listing are marked or unmarked again.

4.1   Displaying a mail

To open a mail, tap on the desired mail in the list. The mail display opens.
At the top there is a field for the header data of the mail. The date, subject, sender and recipient fields ("To", "CC" and "BCC" field) of the mail are displayed there.
In the menu bar above there is a switch to switch between displaying the part of the mail with unformatted text and, if available, displaying the part of the mail with formatted text.
If the mail has attachments, they are listed at the bottom.
One row of the attachments listing contains the following:

- A check box with which attachments can be selected.

- A button with the name and size of the attachment. The attachment is opened by short tapping this button. A **long** tap on this button will open a context menu.

This menu has the menu items **Open**, **Save as...** and **Upload** (with `.ics` files there is also the menu item **Add to calendar**). Just like tapping on the button with the name of an attachment, tapping on the menu item **Open** opens the attachment with the standard program for this file, if there is one, otherwise an attempt is made to open the file as a text file.
Tapping on the menu item **Save as...** opens a "Save" dialog in which the storage location can be selected and the file name can be specified.
By tapping the menu item **Upload**, the attachment is uploaded to the file management.
There are also the menu items **Save attachments...** and **Upload attachments...**. Using these items all selected attachments can be saved or uploaded to the file management.

Note: For a mail attachment in `iCalendar` format (file extension `.ics`), the menu item **Add**

to calendar is also available. By tapping on this menu item, the `.ics` file is read and recognized events are entered in the calendar.

At the bottom of the mail display mask there is a menu bar with the following buttons:

Reply To reply to the sender of a mail, tap this button. The "Create Mail" mask opens, where the sender of the mail has already been entered in the "To" field.

Reply to all To reply to a mail and thereby reply to the sender and all original recipients of the mail, tap this button. The "Create Mail" mask opens, where the sender and all the original recipients of the mail have already been entered in the "To" field.

Forward To forward a mail, tap this button. The "Create mail" mask opens.

Print To print a mail, tap this button. The print dialog opens where the printer can be selected and further print settings can be made.

Delete To delete a mail, tap this button. If the current folder is not the "Deleted Items" folder, tapping this button will move the selected mails to the "Deleted Items" folder.
If the current folder is the folder "Deleted Items", the mails will be deleted irrevocably.

4.2   Mail folders

The following folders are system folders and can therefore **not** be deleted, renamed or moved:

Inbox This is where newly received mails land **not** classified as spam.

Sent messages All sent mails are saved here, if sent mails from the account are to be saved there.

Deleted items Mails and folders that have been deleted are moved here.

Drafts Drafts of mails are saved here.

Spam This is where new mails that have been classified as spam land.

The system folders **Deleted Items** and **Spam** can be emptied, i.e. all mails in these folders can be irrevocably deleted with one call.
Subfolders can be created in each folder. Additional folders can also be created at the top level, i.e. at the system folder level. In contrast to the system folders mentioned above, such user-created folders can be deleted, renamed and moved to other folders.
Folders are created, renamed, deleted, moved and emptied by marking the desired folder and then selecting the menu item `folder operations` in the menu and selecting the desired operation. To create folders at the system folder level, the root node with the account name at the top of the tree must first be marked.

By **long** tapping on a folder, the contents of the folder are reloaded from the server.

4.3   The quick search

The quick search is operated via a simple text field that can be found in every mask (mail area, address book, calendar, file management) above the list of the respective objects (mails, contacts, appointments, files).

The quick search text field is used by entering text that the searched object(s) (mails, contacts, calendar entries or files) contain in their various fields. No distinction is made between upper and lower case. In the mail area, the quick search uses the following mail fields:

- sender

- return address

- recipient fields ("To", "CC" and "BCC" field)

- subject

- Date string

- size

The search is carried out locally by the app on all the mails listed in the current folder and restarted with every change to the search text.

Examples:
For example, to get all mails in the current folder that have the date March 2013, you would simply have to enter 03/2013 in the search field, because the date of a mail contains 03/2013 if its date is March 2013.

Note (1): If a mail in the folder happens to have the character string "03/2013" in the subject, this mail would also be listed, even if it does not have the date March 2013.
If you know that the mail you are looking for has a very large attachment and is therefore over 1 MB in size, simply enter "mb" in the search field because in the size string of the mail MB would appear as unit.

Note (2): The same applies here again: if mails happen to have the character string "MB" in the subject or another field (sender, recipient) that is searched for, such mails would also be listed, even if they are smaller than 1 MB. Such search texts can also be combined. In order to get listed all mails in the current folder, which have the date March 2013 and which are larger than 1 MB, the search text could e.g. B. look like this:
`03/2013 mb`
or
`mb 03/2013`

I.e. spaces in the search text are interpreted as separators between two keywords to be searched for. For a mail to meet the search criteria, all keywords must be found in the fields of the mail.

Note (3): If a space should not be interpreted as a separator between two keywords, the words separated by spaces must be enclosed in quotation marks. So that `reshipment from 12/10/2012` is not interpreted as three keywords but as a single keyword, the search text should look like this:
`"reshipment from 10/12/2012"`
`"reshipment from"` 12/10/2012 would be two keywords.

Note (4): Since the quick search is restarted with every change of the search text, the terms do not usually have to be typed in completely in order to have the searched mails listed.

4.4   Template management

In this mask, the templates for the mails to be created are edited and managed. The template management is called up via the menu item **Edit templates**. The following buttons are available:

New template   To create a new template, tap on this menu item. A dialog appears in which the name of the template must be entered. Click the **Create template** button to create the template. If the template was created successfully, it appears in the list of existing templates. Otherwise an error message is issued.
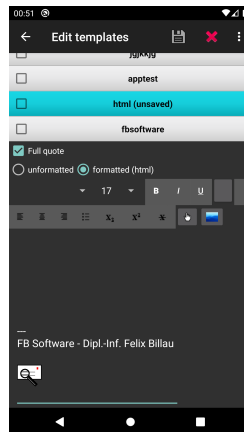
Save current template To save the currently selected template after a change, tap the button with the diskette symbol.

    Notes:

- A modified but not yet saved template can be recognized by the addition "unsaved" behind the template name in the list of available templates.
- Since the position of the insertion point is also saved, a template is marked as changed if only the position of the caret has changed.

Rename current template To rename the currently selected template, tap on this menu item. An input dialog appears in which the new name of the template can be entered. Tap the **Rename template** button to rename the template.
Note: The template names must be unique and must not be empty.

Delete selected templates To delete templates, tap the button with the red X. All templates selected in the list of existing templates are deleted.
Note: The templates are irrevocably deleted immediately and cannot be restored afterwards.

The following options are also available for a template:

full quote If this option is set, the entire text of the mail to be replied is appended to the new mail to be composed when replying to mails. Otherwise not.

Option fields unformatted/formatted These fields are used to determine whether the template should only consist of unformatted text or whether the template should contain formatted text (with pictures if desired). This setting also determines the format type of mails that are created using this template.
Note: The format of a mail to be created can be switched in the "Create mail" mask at any time via the menu item **Formatting**.

If a template is to contain formatted text (i.e. the option button "formatted" is set), the formatting toolbar is available above the editor. The following formatting of the text can be carried out (described from left to right):

Font This combination list box lists the names of the available fonts and can be used for the template text. These are currently:

- monospace
- serif

- sans serif

Font size With this spinner, the font size for the template text can be selected (from 10 to 50 pixels).

Bold Here you can choose whether the template text should be displayed in **bold**.

Italics Here you can choose whether the template text should be displayed in *italics.*

Underline Here you can choose whether the template text should be displayed underlined.

Font color Here you can choose in which color the text is to be displayed: Tap on the rectangle and tap on the desired color.

Background color Here you can choose in which color the background is to be displayed: Tap on the rectangle and tap on the desired color.

Left-justified Whether the template text should be left-justified.

Centered Whether the template text should be displayed centered.

Right justified Whether the template text should be right-justified.

Unordered enumeration Inserts an unordered (unsorted) enumeration.

Lower text Places the text $_{lower}$.

Raise text Places the text ^{higher}.

Strikethrough text Displays the text ~~strikethrough~~.

Insert hyperlink Inserts a hyperlink. To do this, the text that you want to make a hyperlink must have been selected before. By tapping the button, the "Insert hyperlink" mask opens. The link destination can be entered here. The hyperlink is created by tapping the **Insert hyperlink** button.

Insert image Inserts an image. By tapping on the button, the desired image file (in `bmp`, `png`, `jpg` or `gif` format) can be searched in the local file system.

5   The "Create Mail" mask
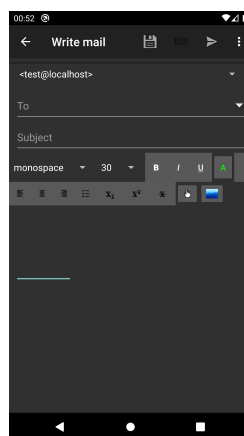
a mail is created in this mask. The following buttons/menu items are available:

Send After the mail has been created and is ready to be sent, tap this button with the paper plane to send the mail.

Read receipt If a read receipt is to be requested from the recipient, this option can be set.
Note: It is the recipient's decision whether or not to actually send the read receipt. Not receiving a read receipt does not necessarily mean that the mail did not arrive.

Add attachment If one or more files are to be attached to the mail, tap this button with the paper clip. An "Open file"dialog opens. Here you can select the desired file and add it to the list of files to be attached. The list of attached files is at the bottom of the mask. There they can be marked and removed. It can also be opened by tapping the list entry of the file. **Note:** Initially, only references to the files are attached. Only when the mail is sent the files actually are read in and attached to the mail. If a file is changed between attaching to the mail and sending it, the change is reflected in the attached file. If a file is deleted between attaching to the mail and sending it, an error message is issued.

Save By tapping this button with the disk symbol, the current status of the mail can be saved either in a local file or in the Drafts folder on the server.

By default, only the **To** field for entering the recipients is shown. If you also want to use the fields **CC** (carbon copy) and **BCC** (blind carbon copy = carbon copy for recipients who should not be aware of the other BCC recipients), you can tap on the downward pointing arrow at the right edge of the **To** field.
As soon as you type in one of the recipient fields, the address book is searched to be able to make suggestions for the recipient. For this suggestion list, all fields of the address data records in your own address book (with the exception of the fields **public** and **picture**) are searched for, namely whether the field contains the typed text (and not whether the field begins with the typed text). This has the advantage that if you do not remember the name of a recipient, but only the company, you can type in the company name, and then all address data records are listed, in whose fields the company name appears. If you tap on an address record in the list, the fields first name, last name and mail address are entered in the recipient field, in the following format: "First name last name <mail address>". In addition, the input of the recipient is completed and a ";" added as a separator for the input of the next recipient.

6   The "Search Mail" mask
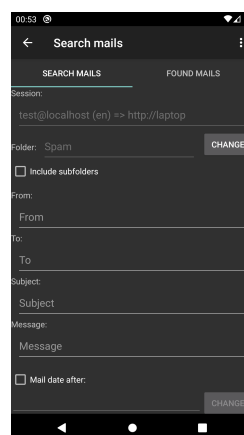
In order to be able to specify the criteria for a mail search by different fields and also to be able to search based on content, the "Search mails" mask is available.

At the top you can select the folder to be searched for mails. If the check mark for "Include subfolders" is set, all subfolders of the selected folder are also searched.
The fields that can be used to define the search criteria are:

From If something is entered here, only mails are included in the search result whose sender or sender address contains the text entered here.

To If something is entered here, only those mails are included in the search result whose recipient fields ("To"," CC" or "BCC") contain the text entered here.

Subject If something is entered here, only those mails are included in the search result whose subject contains the text entered here.

Message If something is entered here, only those mails are included in the search result whose message body (ie the actual content of the mail) contains the text entered here.

Mail date after If this box is checked, only mails with a date after the specified date are included in the search result.

Mail date before If this box is checked, only mails whose date is before the specified date are included in the search result.

Message has attachments If you check this box, only mails with attachments are included in the search result.

File name If something is entered here, only mails are included in the search result whose attachments contain the text entered here in the file name.

After all the desired criteria have been specified, the search can be started by tapping the "Start search" button.

Note: In contrast to the quick search, this search is not carried out locally, but on the server side. If a text field is left empty, it is not used as a criterion for the search. So you cannot search for mails that have an empty subject by leaving the subject field empty.

7   The Address book
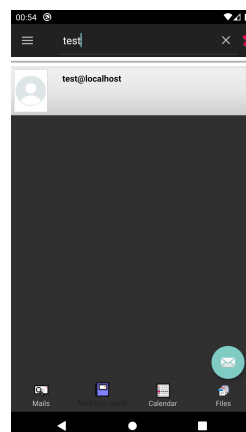
The drawer menu lists your own address book as well as the public address data of your own domain (if there is any).
Contacts and address groups can only be created, edited and deleted in your own address book.

The public address data cannot be edited.
The following buttons/menu items are available:

New contact To create a new address record (= contact) in your own address book, tap on this menu item. The "Edit" mask appears, in which all fields of the new contact can be edited. The contact is created by tapping the "Save" button and then appears in the list.

New address group To create a new address group in your own address book, tap on this menu item. An input dialog appears in which the name of the group must be entered. All address group names must be unique. So there cannot be two address groups with the same name. If the address group was created successfully, it appears as a subnode of your own address book. Otherwise an error message appears.

Edit To edit an address record, tap on the desired record in the list.

Delete In order to delete address data records, mark the desired data records in the list and tap this button with the red X.
Note: The data records are deleted irrevocably immediately and cannot be restored afterwards.

7.1   Address groups

Address groups are edited via the menu item "Address groups". Using the submenu items **Duplicate address group**, **Rename address group**, **Delete address group**, a selected address group can be duplicated, renamed or deleted.

By tapping on the menu item **Send mail to selected address group...** a mail can be sent to all contacts entered in the selected address group.

If a contact is added to an address group that is not yet in the higher-level address book, it is also automatically added to the address book.
Note: The status public means that the address data record is listed under "Public address data for domain "[...]"" (only if the function "Public address data" was activated in the server side configuration file of the FB-MailService) and is therefore visible to all other accounts of the same domain, but not editable.

There is also a quick search for the address book. It is operated in exactly the same way and works in exactly the same way as the quick search for the mail area. All fields of an address record are searched with the exception of the fields **public**, **picture** and **account**.

8   The Calendar

The drawer menu lists your own calendar and the public calendar entries of your own domain (if there are any).
Appointments can only be created, edited and deleted in your own calendar. The public calendar entries cannot be edited.
The following buttons/menu items are available:

New calendar entry To create a new calendar entry (= appointment) in your own calendar, tap on this menu item. The "Edit" mask appears, in which all fields of the new appointment can be edited. The appointment is created by tapping the "Save" button and then appears in the list.

Delete To delete calendar entries, mark the desired appointments in the list and tap this button with the red X.
Note: The entries are irrevocably deleted immediately and cannot be restored afterwards.
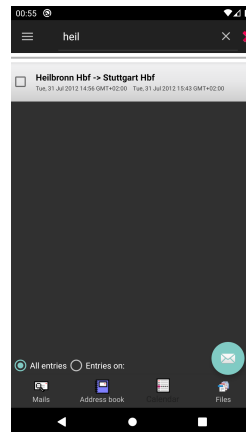
To edit a calendar entry, tap the desired entry. The "Edit" mask appears, in which all fields of the appointment can be edited. The changes are saved by tapping the "Save" button.

The value of the **reminder (before start)** field is selected from a spinner. Possible values are:

- No memory

- At the beginning

- 1, 5, 10, 15, 30, 45 minutes

- 1, 2, 3, 4, 5, 6, 12 hours

- 1, 2, 3, 4, 5, 6 days

- 1, 2, 3 weeks

- 1, 6 months

- 1 year

If you are not logged in at the time a reminder is due, the reminder will be displayed as soon as you have logged in again with this account.

If you want to be reminded of an appointment by mail, you can also enter mail addresses to which the reminder should be sent in the field "Reminder mail to". This happens on the server side.

By setting the "Public" checkbox, the status of a calendar entry can be changed to "public" or "not public".

Note: The status public means that the calendar entry is listed under "Public calendar entries for domain "[...]"" (only if the function "Public calendar entries" was activated on the server side in the configuration file of the FB-MailService) and is therefore visible to all other accounts of the same domain, but not editable.

A cycle (hourly, daily, weekly, monthly, yearly, as well as other rules) can be specified for recurring appointments.
Appointments entered in the calendar can also be sent as a `.ics` file (i.e. in `iCalendar` format) via mail attachment. To do this, mark the desired entries in the list and tap the button with the letter

symbol. The "Create mail" mask opens, which lists the `.ics` files of the selected appointments at the bottom of the mask as attachments.

There is also a quick search for the calendar. It is operated in exactly the same way and works just like the quick search of the mail area or the address book. All fields of a calendar entry are searched with the exception of the fields **public** and **account**.

9   The file management
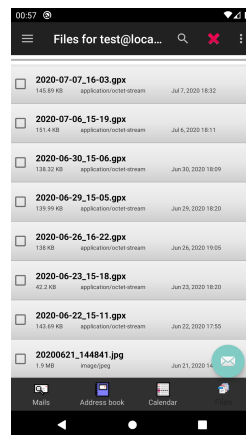
The drawer menu lists your own folder and the public files of your own domain (if there are any). Files can only be uploaded, edited and deleted in your own folder. The public files cannot be edited.
The following buttons/menu items are available:

Upload To upload a file to the file management, tap on this menu item. An "Open file" dialog opens. The desired file can be selected there.

> **Note:** All uploaded files are given a unique identifier on the server side. That is why several files with the same name can be uploaded. This opens up the possibility of versioning by date when a file was uploaded.
> Unlike a normal file system, existing files cannot be replaced with files of the same name. If only one file with a certain name is to exist in the file management, the other files with this name must be deleted manually.

Save To save one or more files, mark the desired files in the list and tap on this menu item. A "Save file" dialog opens where the desired storage location can be selected.
The marked files are then loaded and saved from the server.

Open a file directly To open a file directly from the list, simply tap on the desired file. The file is loaded from the server and opened. If no app is known to open the file, the system asks whether the file should be opened as a text file.
Note: A **long** tap on a file in the list opens the "Edit file" mask. There, all data about the file (file name, file size, file type, date of upload) are displayed and the status "Public" and the description can be edited.

Delete To delete files, mark the desired files in the list and tap the button with the red X.
Note: The files will be irrevocably deleted immediately and cannot be restored afterwards.

Copy files Files from public folders can be copied to your own folder via this menu item. To do this, mark the desired files and tap on this menu item.

Note: The status public means that the file is listed under "Public files for domain "[...]"" (only if the function "Public files" was activated on the server side in the configuration file of the FB-MailService) and is therefore visible to all other accounts of the same domain, but not editable.

There is also a quick search for the file management. It is operated in exactly the same way and works in exactly the same way as the quick search of the mail area, the address book or the calendar. All fields in a file are searched with the exception of the fields **public** and **account**.

Via the main menu item **Upload mails** mails can be "uploaded" to the file management. To do this, mark the desired mails in the mail list and then tap on the menu item **Upload mails**.

10   Account management (postmaster account only)
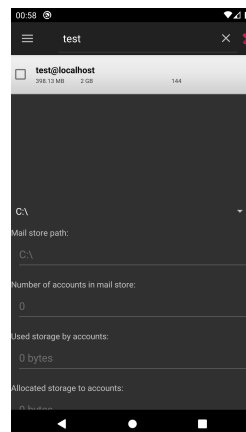
If you are logged in with the postmaster account, the menu item "Account management" is visible in the main menu. The existing domains are listed in drawer menu of the account management, the listing shows the accounts of a domain. Below is a small statistic providing information about:

- The path of the currently selected mail store

- The number of accounts in the mail store

- The storage space currently used by these accounts

- Storage space allocated to these accounts

- The storage space required for these accounts

- The currently available free space on the mail store partition (if more space is required than is available, this line will be displayed in red)

- The currently used storage space on the mail storage partition

- The total storage space that the mail store partition has

- The number of currently existing domains

- The total number of accounts created / the number of accounts covered by the license

There is a spinner above the statistics, in which the mail stores specified in the configuration file of the FB-MailService are listed. This spinner can be used to switch between the mail stores.

The domain of the `postmaster` account is always displayed in the drawer menu. The domain of this account is the name under which the FB-MailService's SMTP server is reached. This is set in the configuration file of the FB-MailService. The default is `localhost`.

The status line at the bottom of drawer menu shows the number of accounts in the currently selected domain and the storage quota allocated to these accounts.

The following buttons/menu items are available to manage the accounts:

Create new account To create a new account, tap on this menu item. The "Create account" mask appears. The following information about the new account to be created must be specified there:

- The account name as a complete mail address (i.e. local part plus global part), e.g. `admin@example.com`. The domain to which an account is assigned is determined via the account name.
- The password of the account
- Confirmation of the password
- Whether the user must change the password the next time they log in. This is useful if only a standard password has been assigned.
- The storage quota to be allocated to the account
- The number of different recipient addresses that can be addressed with this account per day. This is an anti-spam measure.

The account is created by tapping the **Create new account** button. If the account was created successfully, it will be added to the account listing for its domain and will be listed when the domain is selected. If there was previously no domain with this name, a new domain will be created. If the account creation was not successful, an error message is issued.

Rename domain By tapping on this menu item the current domain can be renamed.
   Note:

- Renaming a domain affects all accounts in that domain: the global part of the account name changes to the new domain.
- The domain of the `postmaster` account cannot be renamed.

Delete To delete accounts, mark the desired accounts in the listing and tap the button with the red X.

   Notes:

- The accounts will be irrevocably deleted immediately and cannot be restored afterwards. If after deleting the accounts there is no longer an account with the currently selected domain, the domain will be removed from the domain listing.
- The `postmaster` account cannot be deleted.

Cancel sessions To cancel current sessions of accounts, tap on this menu item. This will cancel the sessions for all selected accounts. Users who are currently logged in will notice that their sessions have been terminated by the error message "Invalid Session".

Change storage quota To change the storage quota of accounts, tap on this menu item. The "Change storage quota" dialog opens. The storage quota and the unit (bytes, KB, MB, GB) can be specified here. Tapping the **OK** button changes the storage quota for all selected accounts.

User must change password By tapping on this menu item it can be changed for all marked accounts whether the users of these accounts have to change the password the next time they log in.

Change number of allowed recipient addresses/day To change the number of allowed recipient addresses per day and account for the selected accounts, tap on this menu item. The "Change number of allowed recipient addresses" dialog opens. The number of allowed recipient addresses can be specified here. Tapping the **OK** button changes the number of allowed recipient addresses for all selected accounts.

   Notes:

   - This is the number of different recipient addresses that can be addressed with an FB-MailService account per day.
   - The default setting for this setting is 144. This means that an account can address its mails to 144 different recipients per day.
   - This is an anti-spam measure to ensure that the FB-MailService cannot be misused as a spam spinner if one of its accounts has been hacked. This setting should only be increased if the number of allowed recipient addresses per day is not sufficient, i.e. legitimately more than 144 different recipients are actually addressed per day.

By tapping the entry of an account in the list, the "Edit account" mask opens. All of the account data is displayed there, and all the settings described above can also be edited. In addition, the account name can be changed here and the password can be reset via the menu item "Reset password". Doing this the password of the account is reset and the field **user must change password** is set to `true`, i.e. the user must change the password the next time they log in.
The system assigns and displays the new password.
Note: The user of this account must of course be informed about the password reset.

The account ID corresponds to the name of the account folder in the "accounts" folder of the mail store.

There is also a quick search for account management. It is operated in exactly the same way and works in the same way as the quick search of the mail area, the address book, the calendar or the file management. The fields **account name**, **storage quota**, **number of allowed recipient addresses** and **aliases** are searched.

11   The account configuration

Via the main menu item "Account configuration" you get to **account configuration**. Settings for your own account can be made here. The account configuration is divided into the following areas:

Password The password of the account can be changed here: to change the password, the previous password must be entered in the **old password** field. In the field **new password** the new password is specified, in the field **confirmation new password** this password must be specified a second time to avoid typing errors.
To make the change, tap the **Change password** button. If the password was changed successfully, a success message appears, otherwise an error message is issued.

Misc Here you can change the subject marker, whether sent mails should be saved in the "Sent" folder and whether the recipient addresses of sent mails should be added to the address book.

Aliases The aliases for this account can be edited here: If you want to delete aliases, mark them in the list and tap the **Delete** button.
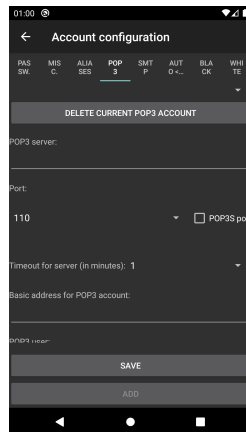
To add an alias to the account, enter the alias in the text field above the **Add** button and then tap this button. If the alias was added successfully, a success message appears and the alias is added to the alias list, otherwise an error message is issued. By creating an alias, the account can also be addressed using the alias.

Example: If the alias `admin` is created for the account `management@example.com`, this account would also be addressable via the mail address `admin@example.com`.

Notes:

- Aliases must be valid local parts of a mail address (i.e. no umlauts may appear in them, for example).

- Aliases must be unique. If there is already an account name or an alias with this name (within the domain of the account), an error message is returned.

- The local part "postmaster" is reserved for the admin account and therefore cannot be used as an alias.

POP3 accounts POP3 accounts can be configured here, from which mails are to be retrieved. POP3 accounts that have already been configured are listed in the spinner at the top.

Tapping the **Delete current POP3 account** button will delete the POP3 account currently selected in the spinner.

When a POP3 account is selected in the spinner, its properties are shown in the **POP3 account** fields below. If it was changed there, the changes can be saved by tapping the **Save** button.

Tapping the **Add POP3 account** button creates a new POP3 account with the properties specified in the **POP3 account** fields. If the creation was successful, a success message is displayed, otherwise an error message is issued.

A POP3 account is specified with the following information:

POP3 server The name of the POP3 server from which to retrieve mail for this POP3 account.

POP3 port The port of the POP3 server from which to receive mail for this POP3 account. Valid specifications range from 1 - 65535.

POP3S port Specifies whether the POP3 port is a POP3S port.

Timeout for server Specifies how long to wait for a response from the server. If a response from the server is longer than the time specified here, the mail retrieval for this POP3 account will be aborted. Valid specifications range from 1 to 10 minutes.

Basic address of POP3 account The basic address of the POP3 account must be specified here.

POP3 user The user name used to authenticate to the specified POP3 server.

POP3 password The password used to authenticate to the specified POP3 server.

No insecure password transmission Specifies that no insecure password transfer is to take place. This option can be used to ensure that the password is transmitted encrypted only using a secure method. If no encrypted connection can be established and the server doesn't offer any of the implemented methods for secure password transfer (CRAM-MD5, APOP), there will be no mail retrieval for this POP3 account, when this option is set.

Mail retrieval interval Here you can specify whether mails are to be retrieved automatically from the server at a certain interval and, if so, at which interval this is to take place. Valid specifications range from 1 to 1440 minutes.

Specification of encryption The following specifications can be made here:

Never Using this setting, the connection to the server is never encrypted, ie. the STLS command is not used. That means, the specified POP3 port must not be a POP3S port.

If available This setting encrypts the connection to the server if it offers the STLS command, or if the specified POP3 port is a POP3S port (then it must be marked as such). If no encryption is established, the mail retrieval takes place over an unencrypted connection.

Always Using this setting, mail retrieval takes place only if the connection to the server could have been encrypted, either through the STLS command or if the specified POP3 port is a POP3S port (then it must be marked as such).

SMTP settings Here you can configure how the FB-MailService should deliver mail: either directly or via an SMTP account that can be configured under this tab.
Note: If the checkmark next to **Use the following SMTP account for mail sending** is **not** set, the FB-MailService delivers mails sent from this account directly to the responsible SMTP server of the recipient mail addresses. In order to be able to reject as many illegitimate mails (spam etc.) from the outset, these mail servers only accept mails if the delivering server meets certain requirements.

As a rule, these are the following:

- The mail server needs a fixed IP address
- The IP address of the mail server must be resolvable to the name of the mail server (i.e. the DNS PTR resource record for this IP address must exist and correspond to the name of the mail server)
- The `HELO` or `EHLO` information that the mail server uses when connecting to other mail servers must match the name of the mail server

If one of these requirements is not met, mails from mail servers are usually rejected. In such a case, an SMTP account can be specified under this tab, i.e. an SMTP server and the necessary authentication data for this server.
The FB-MailService transfers sent mails from this account to this SMTP server, which then has to take care of the further delivery of the mails.

The SMTP settings are displayed in the **SMTP account** fields and can be edited there (if a specific SMTP account is to be used for SMTP sending).
The current settings can be saved by tapping the **Save** button.

An SMTP account is specified with the following information:

SMTP server The name of the SMTP server over which the mail is to be sent if an SMTP account is to be used.

SMTP port The port of the SMTP server over which the mail is to be sent if an SMTP account is to be used. Valid specifications range from 1 - 65535.

SMTPS port Specifies whether the SMTP port is an SMTPS port.

Sender address The sender's address to use when sending mail via this SMTP account. Can be left blank if the SMTP server does not require a specific sender address.

SMTP server needs authentication If the SMTP server requires username and password authentication, check this box.

SMTP user The SMTP user name, if authentication is required.

SMTP password The SMTP password, if authentication is required.

No insecure password transmission Specifies that no insecure password transmission is to take place if authentication is required. This option can be used to ensure that the password is transmitted encrypted only using a secure method. If no encrypted connection can be established and the server doesn't offer any of the implemented methods for secure password transfer (CRAM-MD5), there will be no mail sending via this SMTP account, when this option is set.

Specification of encryption The following specifications can be made here:

> **Never** Using this setting, the connection to the server is never encrypted, ie. the STARTTLS command is not used. That means, the specified SMTP port must not be an SMTPS port.
>
> **If available** This setting encrypts the connection to the server if it offers the START-TLS command or if the specified SMTP port is an SMTPS port (then it must be marked as such). If no encryption is established, the mail is sent via an unencrypted connection.
>
> **Always** Using this setting, mail will only be sent if the connection to the server could have been encrypted, either via the STARTTLS command or if the specified SMTP port is an SMTPS port (then it must be marked as such).
>
> **Note:** Even if the connection between the FB-MailService and the SMTP server specified here is encrypted - the further delivery of the mail usually takes place unencrypted.

Auto ¡==¿ If you will be absent, you can set the automatic respond of incoming mails during your absence and/or the relay of these mails to a local account.
The auto respond/relay settings are displayed in the fields of this tab and can be edited there (if an auto respond/relay should take place).
The current settings can be saved by tapping the **Save** button.

Auto respond/relay can be set up with the following information:

From The start time from which auto responding/relaying of directly received mails is to take place.

To The time up to which auto responding/relaying of directly received mails is to take place.

Auto respond mails NOT classified as spam If incoming **non** spam mails are to be automatically responded during the specified period, check this box.

Subject If mails are to be responded automatically, the subject of these auto responded mails must be specified here.

content If mails are to be responded automatically, the content of these auto responded mails must be specified here.

Deliver copies of ALL mails to local account If copies of **all** incoming mails during the specified period are to be relayed, check this box. If so, a local account must be specified in the text box next to the check box to which a copy of the mail is to be relayed. "Local Account" means an account for which the FB-MailService is responsible. This does not necessarily have to be an account of the same domain as this account.

Notes:

- The settings made here are only effective for mail received directly, **not** for mail retrieved from POP3 servers.
- Only mails that are **not** classified as spam will be respond automatically. On the other hand, copies of directly received mails are delivered to a local account for **all** mails, also for mails classified as spam.
- The automatic respond and/or the relay of copies can be recognized in the account of the actual recipient by the fact that the relevant mails have the status "replied" and/or "forwarded".

Black Here mail addresses can be added to the blacklist or deleted from this list.

White Here mail addresses can be added to the whitelist or deleted from this list.

Blacklist and whitelist allow the user to generally classify mails as spam or non-spam based on their sender addresses:

- All mails whose sender addresses are on the blacklist are classified as spam, unless the sender address is also on the whitelist.
- All mails whose sender addresses are on the whitelist are classified as non-spam.

Notes:

- Blacklists and whitelists only have to be edited by hand in exceptional cases.
- The whitelist is filled automatically over time by using the FB-MailService:
  - All recipient addresses of self-sent mails are whitelisted in order to rule out that reply mails from these recipients are classified as spam.
  - If false positives (mails that were incorrectly classified as spam) are moved from the spam folder to another folder, the app asks whether the sender addresses should be whitelisted.