

1 Basic Find

The basic Find option allows users to specify single keyword/string for searching across header fields, mail text and attachments.

Users can configure the search scope by selecting all or subset of the from, to, subject, message text, attachment names and attachment text options. The search succeeds if the specified keyword matches any of the checked fields.

Click the “Edit” drop menu and select “Find” option to configure and start the search. Alternatively the CTRL+F will also present the search dialog.

The search dialog box allows user to specify the search string, whether to match the whole word, whether the search is case sensitive, configure the search scope, the start and end dates to consider for filtering, the Next/Previous search direction and whether to highlight all occurrences of the matched text.

Note that the Next search start with the oldest email while the Previous search starts with the latest.

The search logic simple, i.e. mail is considered a match if the search string is found in any of the checked fields in that mail.

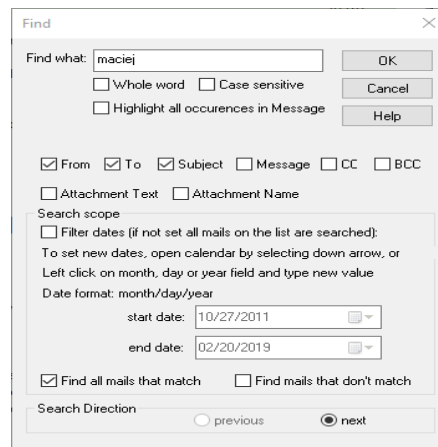
To repeat the search in order to find the next matching mail, click the “Edit” drop menu and select “Find again” option, or select F3 key.

If “Find again” or F3 key is selected without prior “Find” or CTRL+F, the search dialog box will be presented to a user.

1.1 Find All Occurrences Option

User can check “Find all occurrences” to find all matching mails. Automatic highlighting of all keyword occurrences is not supported in this case. Matched mails will be displayed under the Found Mails List and the corresponding button in the dialog bar will be highlighted. User can left click on All Mails button to switch mail list back to All Mails.

The basic Find can also be run while in the Found Mails list and while in User Selected Mails list when the list is enabled.



The screenshot shows a 'Find' dialog box with the following settings:

- Find what: maciej
- ☐ Whole word
- ☐ Case sensitive
- ☒ Highlight all occurrences in Message
- ☒ From
- ☒ To
- ☒ Subject
- ☐ Message
- ☐ CC
- ☐ BCC
- ☐ Attachment Text
- ☐ Attachment Name
- Search scope
 - ☐ Filter dates (if not set all mails on the list are searched):
 - To set new dates, open calendar by selecting down arrow, or Left click on month, day or year field and type new value
 - Date format: month/day/year
 - start date: 10/27/2011
 - end date: 02/20/2019

- ☒ Find all mails that match
- ☐ Find mails that don't match
- Search Direction: ☐ previous ☒ next

1.2 Find mails that don't match option

User can check “Find mails that don't match” option to find mails that don't match search criteria.

1.3 Handling of special '*' search string

User can specify single '*' character as the search string to find subset of mails as follows:

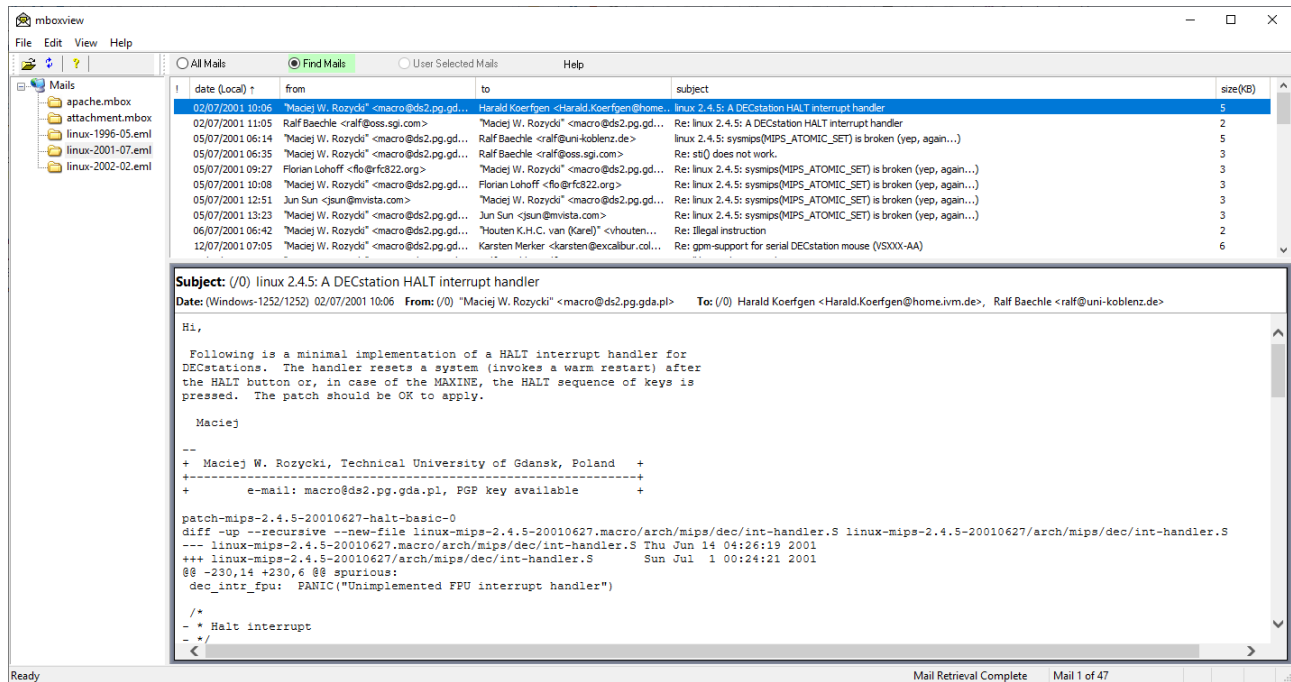
1. Find mails that have CC header field by checking out CC check box only.
2. Find mails that have BCC header field by checking only BCC check box only.
3. Find mails that have at least one attachment by checking out Attachment Name check box only.
4. Match all mails by checking out any of others check boxes only.

NOTE that if the Find all occurrences option is not selected and Filter Dates option is no set, user will be traversing the subset of mails between the start and end dates.

1.4 Filter Dates

Filter Dates option enables users to search mails specified by the date range. By default the start date corresponds to the oldest mail and the end date corresponds to the latest mail. If the Filter Dates option is not set, all mails on the selected list (All Mails, Find Mails, User Selected Mails) are searched regardless of start and end dates values. If the Filter Dates option is set, user can configure the start and

end dates for searching. The start and end date processing depends on the mail list selected (All Mails, Find Mails, User Selected Mails). While in All Mails list, the start and end dates are fully under the user control regardless of other user actions such as selecting other lists. However, the start and dates do not persist across application restarts or when new mbox mail archive file is selected by the user. User can set the start and end dates while in Find Mails or User Selected Mails list but the initial values are set to default values.



2 Advanced Find

The advanced Find option allows user to specify different keyword per each header field, mail text, attachment name and attachments.

Users can configure the search scope by selecting all or subset of the from, to, subject, cc, bcc, message text, attachment name and text attachments options.

Click the "Edit" drop menu and select "Find Advanced" option to configure and start the search.

The Find Advanced is also available as menu option for the selected mail. Right click on the mail and select Find Advanced option. Mbox Viewer will pre-populate From, To and Subject fields in this case.

Find Advanced

Select filter fields

Find what

Match word

Match case

☒ From shirishag75@gmail.com ☐ ☐

☒ To users@subversion.apache.org ☐ ☐

☒ Subject newbie subversion questions ☐ ☐

☐ CC ☐ ☐

☐ BCC ☐ ☐

☐ Message ☐ ☐

☐ Attachment Text ☐ ☐

☐ Attachment Name ☐ ☐

☐ Match TO field only if single recipient on the list ☐ Highlight all occurrences in Message

Rule 1 is selected !!!

((From <-> To) and CC and BCC and Subject and (Message Text or Attachment Text) and Attachment Name

Select mail text block for search ☒ plain ☐ html ☒ html if no plain text

☐ filter dates (if not set all mails on the list are searched):
To set new dates, open calendar by selecting down arrow, or Left click on month, day or year field and type new value. Date format: month/day/year

start date: 12/31/2010

end date: 02/19/2018

☒ Find all mails that match ☐ Find all mails that don't match

Only checked fields are use by matching logic and search strings are ignored if present unless field is checked.

The search logic is hard-coded for the most common cases. Select “Configure Filter Rule” button to start dialog and select one of the predefined filter rules.

mboxview

File Edit View Help

Linux1

apache.mbox

attachment.mbox

linux-1996-05.eml

linux-2001-07.eml

linux-2002-02.eml

date (Local) ↑

31/12/2010 13:00 shi

04/01/2011 06:08

09/01/2011 08:13

07/12/2011 09:13

16/08/2016 14:54

16/08/2016 23:49

18/08/2016 14:33

18/08/2016 14:55

04/10/2016 15:23

05/10/2016 05:03

Subject: newbie

Date: 31/12/2010 13:00

Hi all,

This is going to be in Debian forum

http://forums.debian.org/

This is from svn

<quote>

Hi all,

I am no programmer or trunk builds and am extremely poor and have many questions below :-

a. Is there a way in svn to track project progress as it goes on?

Find Advanced

Select filter fields

Find what

Match word

Match case

☒ From shirishag75@gmail.com ☐ ☐

Select Filter Rule

Select Predefined Filter Rule

☒ ((From <-> To) and CC and BCC and Subject and (Message Text or Attachment Text) and Attachment Name

☐ ((From -> To) and CC and BCC and Subject and (Message Text or Attachment Text) and Attachment Name

☐ ((From -> (To or CC or BCC)) and Subject and (Message Text or Attachment Text) and Attachment Name

☐ ((From <-> To) and no CC and no BCC and Subject and (Message Text or Attachment Text) and Attachment Name

☐ (From -> To) and no CC and no BCC and Subject and (Message Text or Attachment Text) and Attachment Name

☐ (From or To or CC or BCC) and Subject and (Message Text or Attachment Text) and Attachment Name

NOTE:

1. (John <-> Tod) will match (Jon -> Tod) and (Tod -> John) mails

2. (John -> Tod) will match Jon -> Tod mails

3. and no CC and no BCC will match mails without CC and BCC fields

4. If field is not selected in the parent dialog, it is removed from the rule

5. If field is selected in the parent dialog and value set to *, it will match all mails with non empty field

start date: 12/31/2010

end date: 2/19/2018

☒ Find all occurrences

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More complex searching can be achieved by leveraging User Selected mails list. User can run multiple advanced searches and merge results into User Selected Mails list.

2.1 Find all mails that don't match option

User can check “Find all mails that don't match” option to find mails that don't match search criteria.

2.2 Handling of special '*' search string

User can specify single '*' character as the search string in any of the Filter fields to find subset of mails as follows:

1. Find all mails that have CC header field by checking out CC check box only.
2. Find all mails that have BCC header field by checking only BCC check box only.
3. Find all mails that have at least one attachment by checking out Attachment Name check box only.
4. Match all mails by checking out any of others check boxes only.

2.3 Filter Dates

Filter Dates processing is the same for Basic Find and Find Advanced search. See chapter 1.4.

3 Search Reliability

MBox Viewer searching is Unicode based since version 1.0.3.40. The search string, mail header fields and mail content are encoded first as Unicode UTF8 strings. Encoding into UTF8 is done on the fly in most cases.

Comparing Unicode strings has challenges since the same character may have multiple binary representation. To overcome the problem, Unicode strings need to be normalized before they can be compared. MBox Viewer relies on non-canonical normalization form C. String normalization is not without issues. **To help to resolve or minimize issues, please create tickets and provide as many details as possible to help to diagnose the issue.**

3.1 Search for Words

Search for words is quite reliable for words composed from the following characters from ASCII and ISO-8859-1 (Also known as ISO Latin 1) character sets:

"0123456789abcdefghijklmnopqrstuvwxyz_ABCDEFGHIJKLMNOPQRSTUVWXYZÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖÙÚÛÜÝÞßàáâãäåæçèéêëìíîïðñòóôõöùúûüýþ"

Any other characters from ASCII and ISO-8859-1 sets are considered as word delimiters.

Searching for words in other character sets/languages is currently not reliable for the following reasons:

1. Some languages don't have word delimiters

2. Set of all UNICODE delimiters is very large and currently not known to MBox Viewer. Future releases may enhance the search.

Option to search for words should not be set when searching emails not composed from ASCII and ISO-8859-1 character sets.