

Evolution Email Export Design Specifications

Items That Will Be Funded By The Largo Bounty Are Marked In Yellow

Summary

Currently saving email out of Evolution is not very robust. The default file format is mbox, which while useful to some should not be the only supported file type. Two methods for moving email messages to the local file system are already in place. The first involves selecting **File >> Save Message**. The second technique is to simply drop and drag the messages into a Nautilus folder.

Gconf Keys

The following gconf keys will allow for a great deal of future functionality as this code base expands.

/apps/evolution/mail/save_file_format

The file format used when saving email messages to the local file system

| | |
|----------------|-------------|
| mbox or <null> | Mbox Format |
| html | HTML Format |
| pdf | PDF Format |

/apps/evolution/mail/save_file_name

The naming convention to use when files are saved with drop-and-drag.

| | |
|---|---|
| 1 | YYYYMMDDhhmmssms_<name> (Date of email used) |
| 2 | YYYYMMDDhhmmssms_<name> (Date of drop and drag used) |

/apps/evolution/mail/save_file_build_directory

Determines whether attachments are moved into sub folders

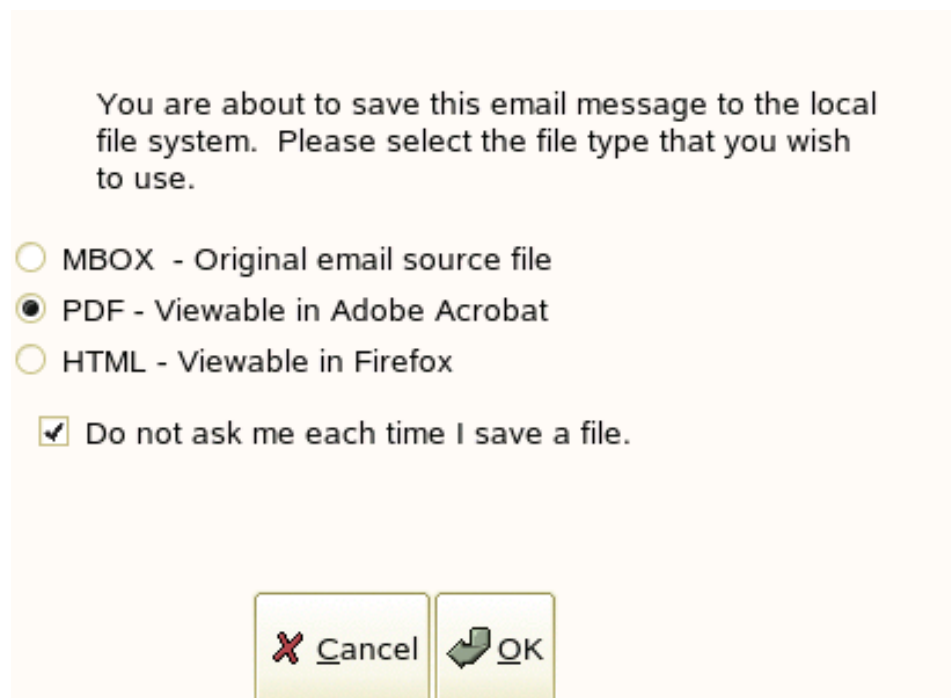
| | |
|---|----|
| 0 | No |
|---|----|

| | |
|---|-----|
| 1 | Yes |
|---|-----|

| /apps/evolution/mail/save_file_format_ask | |
|--|-----|
| Ask the user into which file format they wish to export email. | |
| 0 | No |
| 1 | Yes |

GUI Interaction (Not Funded)

If **save_file_format_ask** is set to 1, the user will be given a prompt asking them their desired format of the export email message.



Preferences Settings (Not Funded)

Drop And Drag Naming Conventions

When email messages are dropped into Nautilus it will check **save_file_name** for the naming convention to use. If it's set to '1' it will use a date/time stamp to create the files. If **save_file_build_directory** is set to '0' it will place attachments in the same directory.

The following table demonstrates the naming conventions to be used for the resulting files.

| Original Email Message | Resulting File Name |
|-----------------------------------|--|
| Subject: 'Here is (some) text !!' | 20090401150255_Here_is_(some)_text____.pdf |
| Attachment: My Document.doc | 20090401150255_My_Document.doc |
| Attachment: Another Sheet.xls | 20090401150255_Another_Sheet.xls |

Character translations will occur in the following instances. This is done to create file names more suited for document storage

| Original Character | File Name Character |
|--------------------|---------------------|
| # | — |
| * | — |
| ! | — |
| ' | — |
| “ | — |
| <space> | — |

If multiple files are dropped and dragged, unique file bundles will be created for each.