xdg-email does not parse mailto uris properly for thunderbird

When using thunderbird as mailto handler xdg-email translates mailto uris into an 'thunderbird -compose' argument. While to, cc and bcc values are properly enclosed in single quotes this is not the case for subject or body. This breaks functionality and allows to use all thunderbird -compose arguments within a mailto uri, e.g.

```
xdg-email 'mailto:test@example.com?
subject=Test,attachment=~/.thunderbird/profiles.ini,message=/home/test/test.txt'
```

translates into

```
thunderbird -compose
to='test@example.com,',subject=Test,attachment=~/.thunderbird/profiles.ini,message=/home/test/test.txt
```

with working attachment and message. (And, yes, ~ expands to the home directory.)

This is different from [Issue 177](#) where the handling of attachments is intended. Here it is not.

⬆ Drag your designs here or [click to upload](#).

Tasks ⊙ 0	
No tasks are currently assigned. Use tasks to break down this issue into smaller parts.	

Linked items ❔ ⬚ 0	

Related merge requests ⑂ 1

○ [Disable attachment support in xdg-email (fixes CVE-2020-27748)](#)
!58

Activity

⬦ **Marco Kühnel** @codecivil · 3 months ago   `Author`

Proposed fix: stop treating thunderbird separately and trust in thunderbird's mailto handling.

Edited by Marco Kühnel 3 months ago

⬦ **Marco Kühnel** @codecivil · 3 months ago   `Author`

Oh, I see: that would break xdg-email --attach for thunderbird again (as in the merge request for issue 177).

⬦ **Marco Kühnel** @codecivil · 3 months ago   `Author`

Well, xdg-email --attach is already broken for other e-mail clients with different behaviour of command line and mailto attachments, e.g. Claws: Both `claws-mail --compose` test@example.com `--attach` /home/test/test.pdf and `claws-mail 'mailto:`test@example.com`?attach=/home/test/test.pdf'` attach the file but the latter only with a notification. So does `xdg-email --attach` in this case which is not the command line behaviour of Claws, so it is broken.

As far as I see xdg-email's purpose is to implement the thunderbird command line and use mailto uris for all other clients. I do not like this break of symmetry, so I would stick to my proposal and "break" --attach for thunderbird.

⬚ **Gabriel Corona** @randomstuff · 3 months ago

I believe a CVE should be requested for this.

💬 **Gabriel Corona** mentioned in merge request !58 3 months ago

Open xdg-email does not parse mailto uris properly for thunderbird