

## Smuxi - Feature # 1083: Do not store application state into configuration

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Axel Haustant	<b>Category:</b>	Frontend GNOME
<b>Created:</b>	01/24/2016	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	01/27/2016	<b>Due date:</b>	
<b>Complexity:</b>	Low		
<b>Subject:</b>	Do not store application state into configuration		
<b>Description:</b>	Hi !  Right now, the sate is stored in the @[Frontend/GNOME/JoinBar]@ and @[Frontend/GNOME/Interface]@ sections from @smuxi-frontend.ini@. These sections are not configuration but state. SMuxi write them each time I move or resize my window for example. It makes difficult to version the configuration with a tool like git because the file always change. Is it possible to store the application state outside @smuxi-frontend.ini@ ? Why not use a separate file or better use dconf/gsettings which are dedicated to this ?		

### History

#### 01/25/2016 12:26 PM - Mirco Bauer

- Category changed from Frontend to Frontend GNOME

The issue is that any persistent configuration is application state when it gets automatically stored and loaded. Is ignoring that file for your git repo not an option?

#### 01/25/2016 12:27 PM - Mirco Bauer

gconf and dconf are not an option since they are not provided on other platforms like OS X or Windows.

#### 01/27/2016 11:47 AM - Axel Haustant

The main point is to be able to version this file properly, not to exclude it.

For me there is configuration (which I want to backup/version/share between my computers):

- \* engines definitions
- \* fonts (and styles)
- \* enabled features

And state (which is tied to only one computer):

- \* window position/state
- \* last choosen engine
- \* ...

If dconf/gsettings are not an option, maybe a splitted ini file for state is the solution.

By the way, given the separate nature, maybe this ini file shouldn't be in @\$XDG\_CONFIG\_HOME@ but in @\$XDG\_DATA\_HOME@ or @\$XDG\_RUNTIME\_DIR@

#### 01/27/2016 11:53 AM - Mirco Bauer

Axel Haustant wrote:

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Those are stored in smuxi-engine.ini

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This is already the case, the frontend has it's own ini file. Your settings are in smuxi-engine.ini

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Not sure if @\$XDG\_RUNTIME\_DIR@ survives boot, but @\$XDG\_DATA\_HOME@ is indeed an option.

**01/27/2016 12:24 PM - Axel Haustant**

bq. This is already the case, the frontend has it's own ini file. Your settings are in smuxi-engine.ini

Actually I think @[Frontend]@ and @[Frontend/Engines]@ and @[Frontend/Engines/\*]@ which are in @smuxi-frontend.ini@ are configurations.

If I have a good understanding, @smuxi-engine.ini@ is only used when using smuxi-server.

My goal, is beeing able to have (at least) one headless server running (already the case) and being able to share between the client only the client configuration, aka. engines definitions, fonts/styles, enabled features...