

Documentation kiosk mode at startup

goal

The purpose of the tactile table, in an approach of functioning in a café, a public space, the table must be in a "safe" mode, a secure mode that leaves only what we decide visible and interactive.

principle

First we need to create our script. Once the script is created, we copy it and paste it in the folder / Etc / init.d (to do this, we must be root users). Once we have pasted this script, we need to give them the permissions to run this file. This is done by opening a terminal in the folder and typing the following:

```
chmod +x mi-script.sh
```

Now we have the script ready and we only need to tell the system to read and execute the script we have inserted in the folder, to do this we execute the following command in the terminal:

```
update-rc.d mi-script.sh defaults 80
```

This will make the system include a script at system startup and with each user who is in that system, no matter if it is a system administrator or a simple user.

solution used

Inspired by the kiosk mode used in companies that have to give a "relatively supervised" access to the users (fnac, darty, etc...) we decide to make the same choice.

To launch the kiosk mode in a browser (here firefox, because relatively everywhere, and safe) we execute the command

```
firefox --kiosk
```

Basic solution - script at startup

Our first solution is to create a simple script.sh which contains the above command, and run it at startup.

the problem is the danger of this idea, even if it works and we have already used it, we have to modify system files, and it is only after the opening of the session that the software works, so launching a script before the initialization of the session is not considered secure and a good idea, especially since there is a better solution

Optimized solution - script at session start

There is recently, an optimization created by gnome which allows to activate a menu "applications at startup".
by placing these orders:

```
sudo apt-get update -y  
sudo apt-get install -y gnome-startup-applications
```

in the services menu (bottom left) we get an application "applications at startup" in which it is possible to select a set of actions to perform at startup (so also single commands)

Just add an entry with the command for the kiosk mode of firefox, and voila! No need to script, modify system files, and the application, developed by gnome is safe and supported.