

**Exercise for topic: Linux**  
**10 points**

1. Configuration of the KDE Desktop

Carry out different steps of the configuration to customize your KDE screen.

First copy a small photo about you into your lecture home directory:

/home/<yourlogin>/Desktop, the photo will be visible on the Desktop as an icon.

1. Create Keyboard Layouts for KDE (1 point)
  - create at least three different layouts (the english, the german layout, and the layout for your country, too, (or something else, if it's the german or english one)).
  
  - make a screen shot (linux-keyboard.jpg) about the final configuration of the keyboard layout.
  
2. Create Multiple Desktops (1 point)
  - choose 6 multiple desktops, please
  
3. Create KDE desktop icons for the following applications: (3 points)
  1. gnome-nettool
  2. ksnapshot
  3. firefox
  4. thunderbird
  5. gimp
  6. k3b
  7. kdirstat
  8. Mathematica 7.0  
(check with '*which mathematica*' for the path for the application.)
  
4. Create KDE toolbar applets for the following applets in the given order from left to right: (1 point)
  1. System monitor
  2. Weather report
  3. Clock
  
5. Create the following KDE toolbar applications: (1 point)
  1. Thunderbird (Icedove)
  2. Firefox (Iceweasel)
  3. Konsole

6. Invoke `ksnapshot` and create a full screen shot (`linux-all-items.jpg`) with the items created in steps 2, 3, 4 and 5, in such a way, that `ksnapshot` is visible on the screen, too !

(1 point)

7. invoke `kdiostat` and `K3B`, and make a full screen shot (`linux-k3b.jpg`) where both applications are visible.

(1 point)

8. invoke `kile`, compile a latex file to pdf and display the pdf result. The `kile` window and the pdf window must be visible on the screen. Create full screenshot `linux-kile.jpg` about this.

(1 point)

9. Copy all screen shots to your CBWE lecture account (at RISC), into the `/home/<yourlogin>/exercises/linux` directory with appropriate names.

On all four screenshots the icon of your photo **MUST** be visible.

Deadline: December 20, 2009.

Remark:

A/

for the topic Linux this exercise covers only the second part of Linux.  
For the first part there is no exercise.

B/

to solve the exercises you should work on the console of a RISC Linux computer or you should use the VNC software (i.e. start a VNC server on a RISC computer and a VNC client somewhere else) and configure first for the VNC server to start KDE.