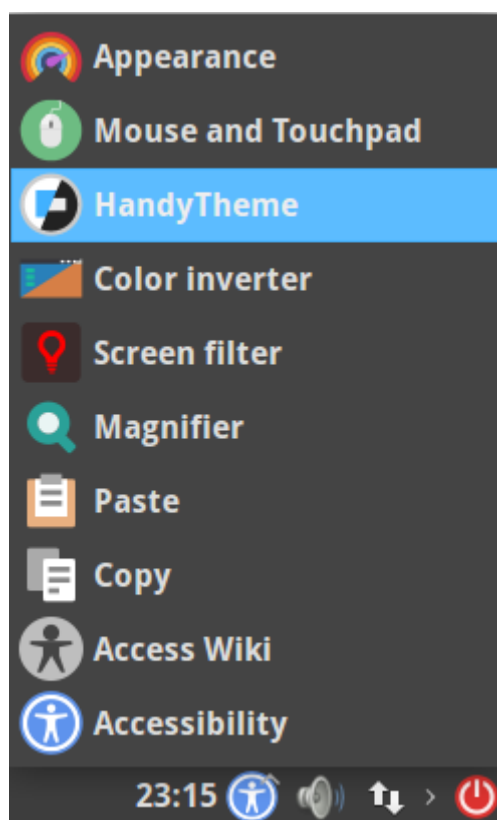


Outside built-in tools, a **full list** is updated by **fibi**, and is available in “Accessibility” forum section. Feel free to suggest tool you find necessary.

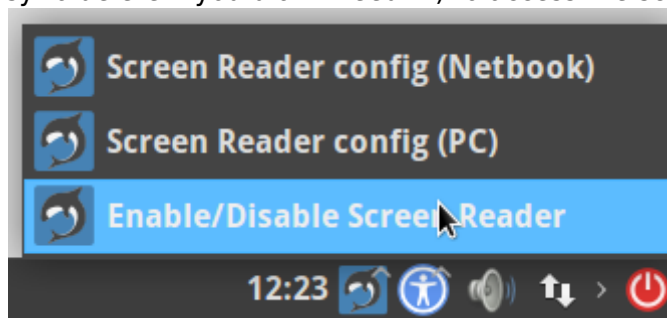
Accessibility tools

HandyLinux is given Out-of-the-box with simple tools to enhance accessibility. They are available in the bottom right MenuBar:



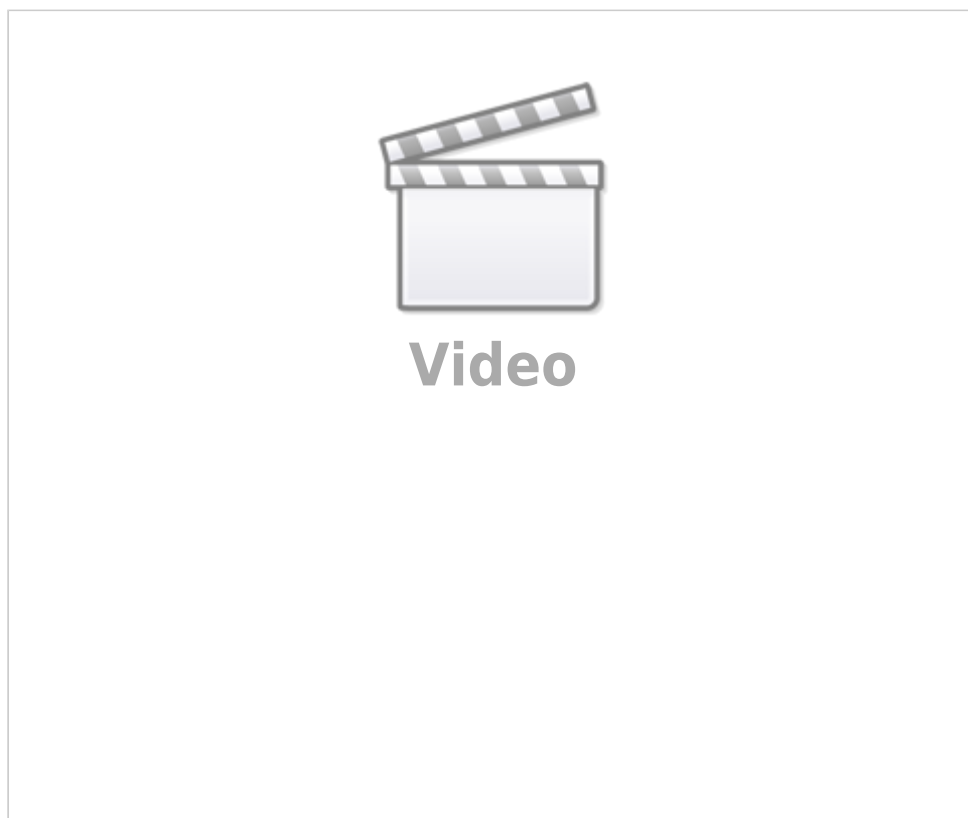
- **Appearance** : configure look and theme of your environment.
- **Mouse** : configure mouse behaviour.
- **HandyTheme** : a tool to simply switch from clear to dark theme, change font size and more (thx Starsheep & thuban)
- **Color inverter** : lets you invert colors on your screen. If you use the screen filter , the color inverter will be disabled,
- **Screen filter** : applies a color filter in accordance to time and geographic localization.
- **Magnifier** : configurable tool to enlarge part of screen.
- **Copy/paste buttons** : copy and paste with 2 clicks,
- **Access Wiki** : direct internet access to this documentation page.
- **Accessibility** : go to the XFCE accessibility menu.
- **Built-in tools** : the **virtual keyboard** and **speech synthesis** are included in your web browser.

- **HandyLinux includes Orca screen reader**, available from the dedicated menu in the panel. A separated menu (easy to delete if you d'on't need it) to access the screen reader in 1 click.



HandyTheme

Starsheep offers an ultra-simple tool that will allow you to quickly customize the desktop HandyLinux to fit your needs. **HandyTheme** simultaneously changes the font used, the GTK theme (the one inside the windows), window decorations, xcusor size and your wallpaper.



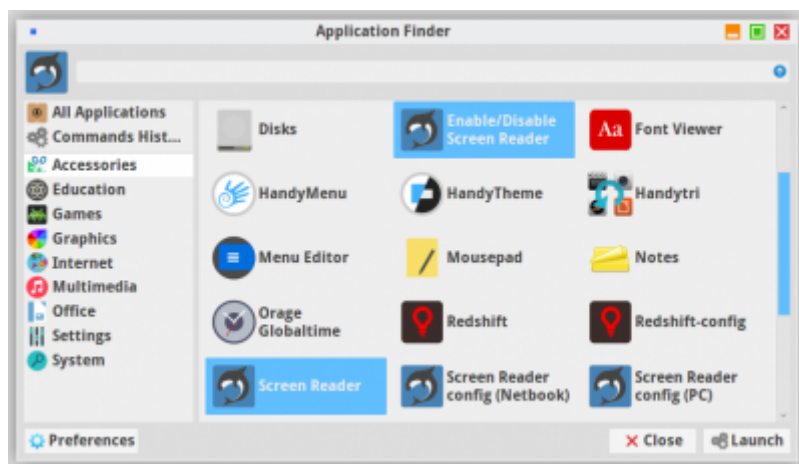
ORCA Screen Reader

Orca is a free, open source, flexible, and extensible screen reader that provides access to the graphical desktop via user-customizable combinations of speech and/or braille. Orca is included in HandyLinux but not activated by default.

Enable/Disable

Orca screen reader is available from its dedicated menu in the panel. A switch is used to start/stop Orca in one click (stop it if Orca is running, else start it).

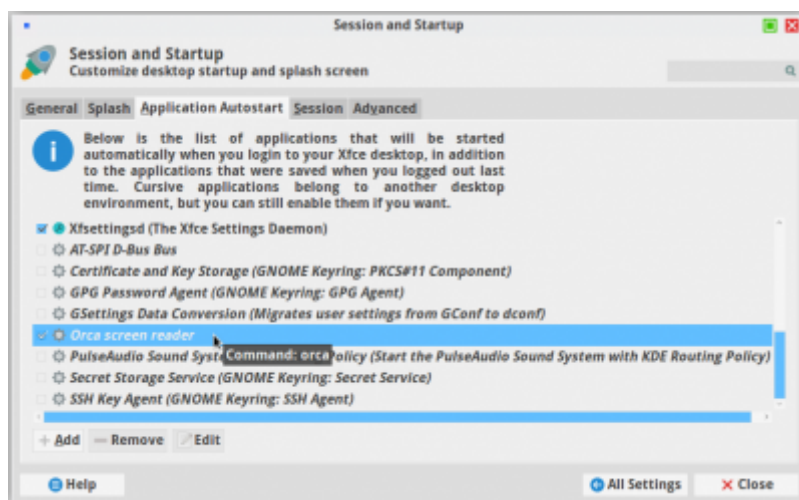
Orca is also available from the applications list, “Accessories” section (classic launcher & switcher) :



Autostart

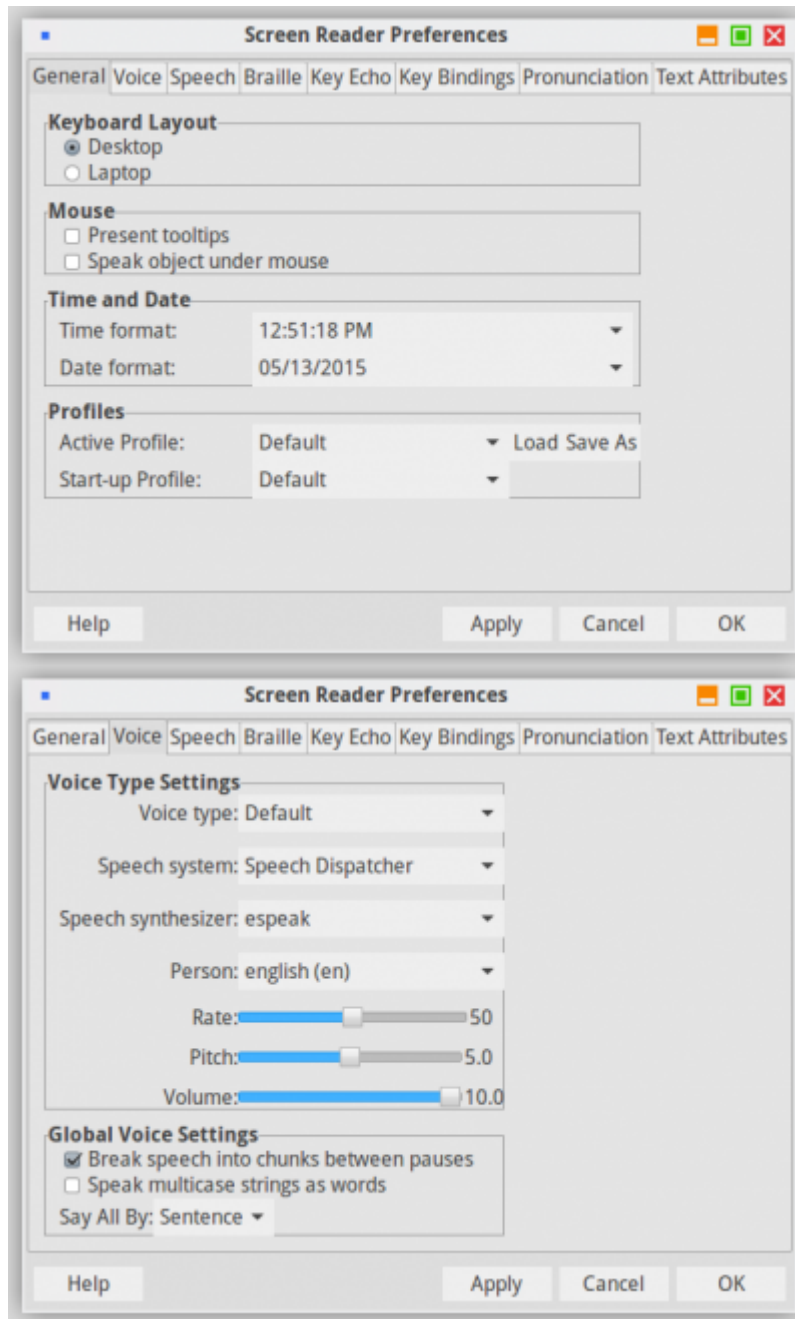
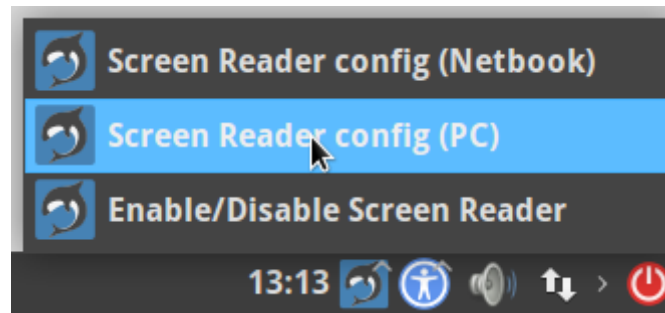
If you want Orca to be enabled at session startup :

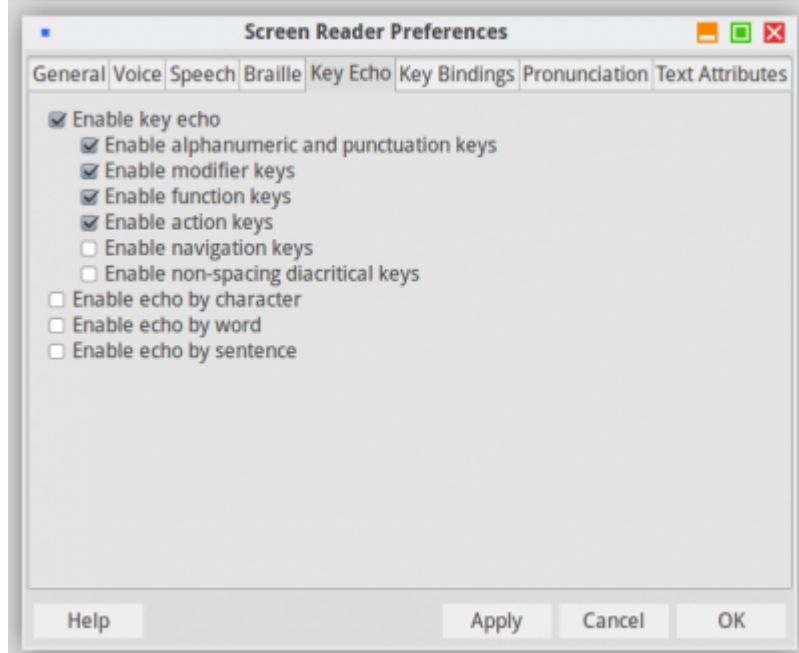
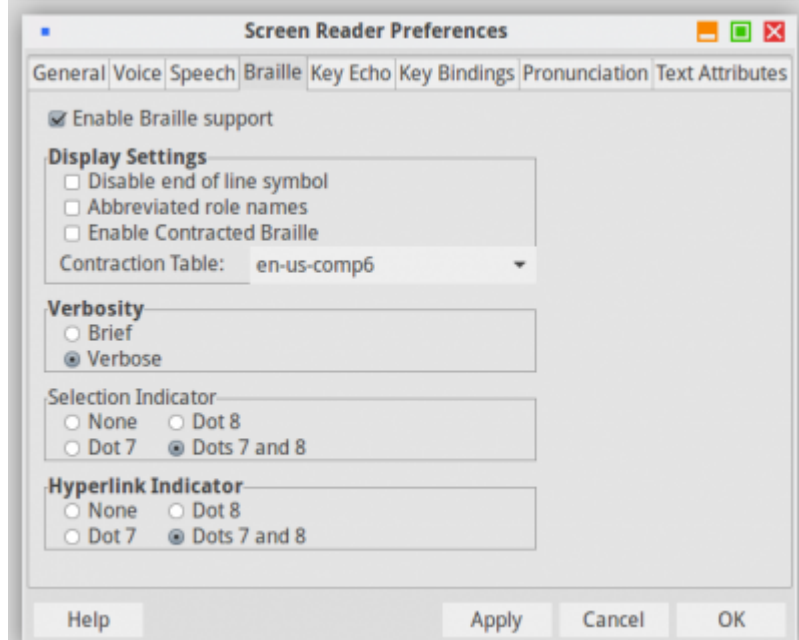
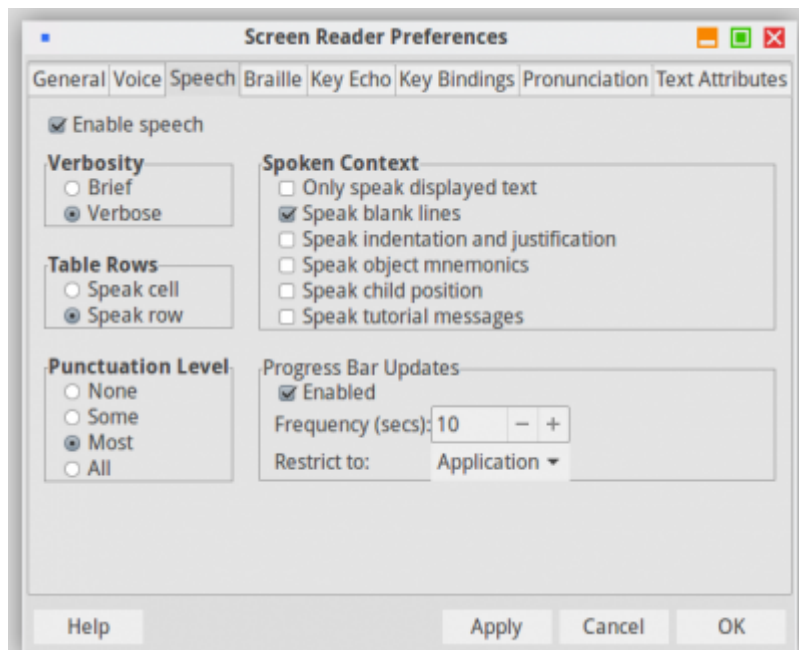
HandyMenu > Raiders > Detailed Configuration > Session and Startup > Application autostart, then clic on “Orca screen reader” :

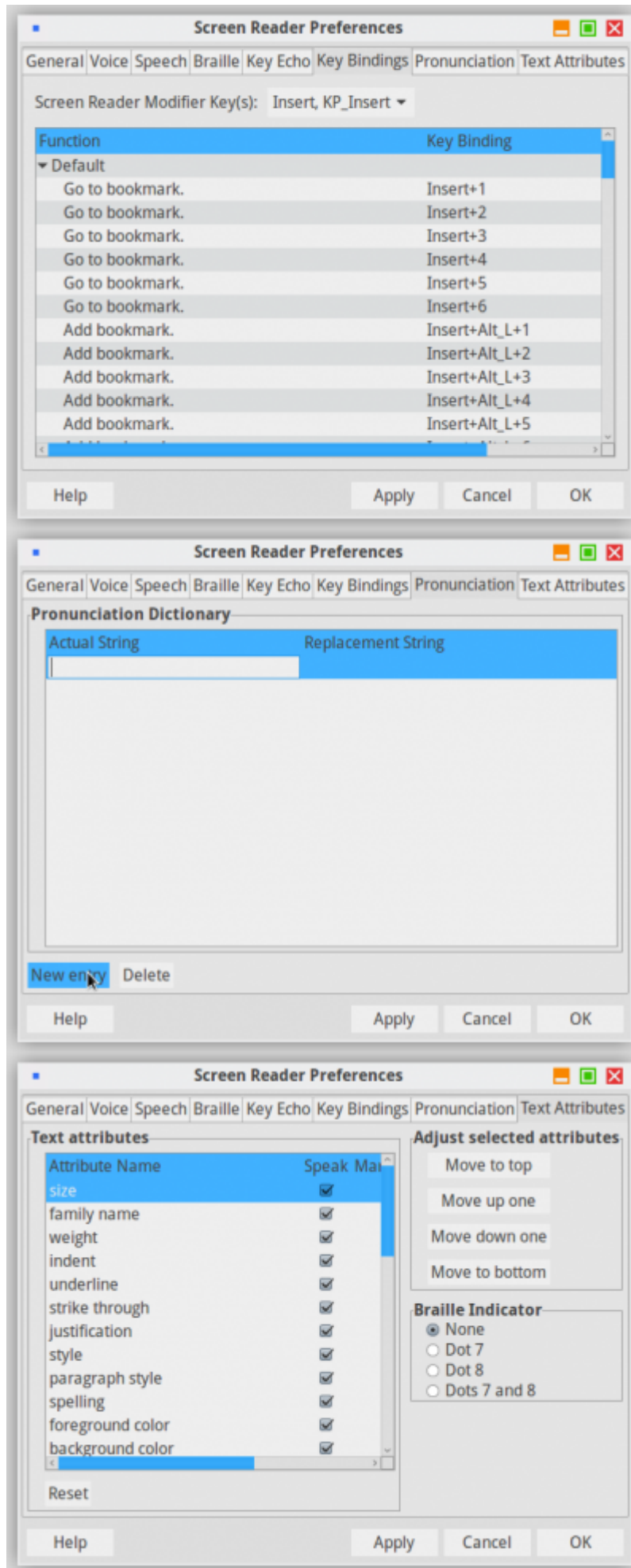


Configuration

Orca configuration is available through its dedicated menu in the panel or from the applications list. 2 menus available; “PC” & “Netbook” depending on your machine. Note that only the “PC” button is active by default, until you choose the “Laptop” config through the preferences menu.







Links

- Orca on Wikipédia https://en.wikipedia.org/wiki/Orca_%28assistive_technology%29
- Orca on Gnome <https://wiki.gnome.org/Projects/Orca>

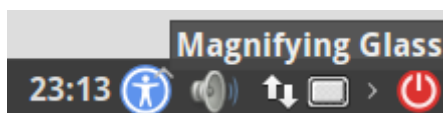
Screen magnifier

***Since HandyLinux-2.3, XFCE Desktop includes a full active magnifier.
To run it, simply press the [Alt] key while rolling the mouse wheel: the entire screen
is magnified 😊***

Virtual Magnifying Glass is a screen enlarger for all your screen. Usefull when you don't see well or for some details on text or image.

The software is available by Help Menu. left-click on the appropriated icon and choose “Magnifier”.

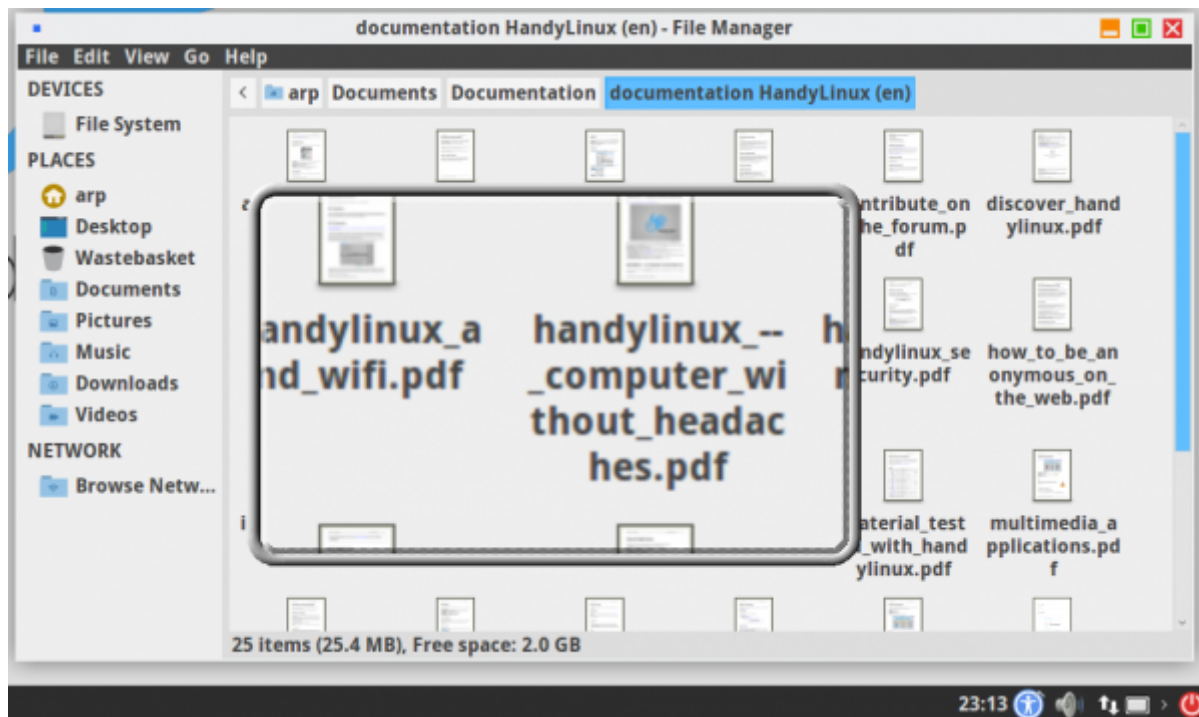
Once launched, you can see an icon in the notification area right bottom of the screen.



Simplified presentation

Magnifying Glass appears immediately, replacing and following the mouse movement. Zoom in or out with the mouse whell .

to catch back the mouse, just left-click the mouse. The magnifying glass icon is still on the notification area and can be launched by clicking on it. To disable it, left-click on the icon and choose “Quit”.



Features

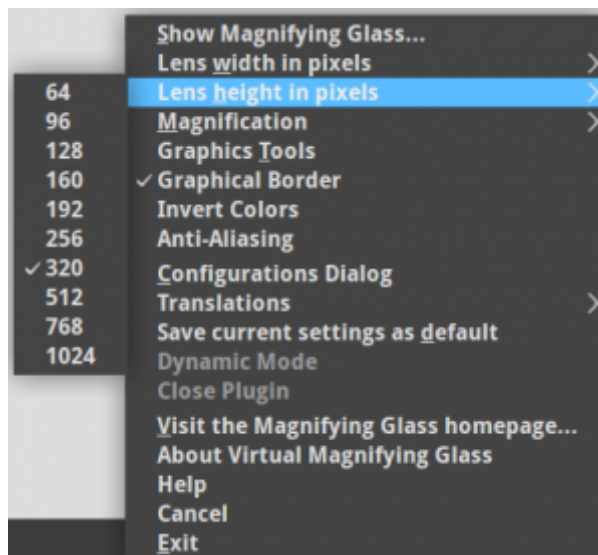
Virtual Magnifying Glass is different from the other alike softwares due to its mobile glass. Most of the times others open a distinct window.

VMG isn't interactive : you can't act on the windows by it. VMG only acts as a zoom glass.

- color inverter : flips black letters/white background to black background/white letters. This for reducing screen glare and can be ideal for people with eye degeneration related to age.
- Invisible Glass: VMG not charge the system. This tool can be hidden if the user wants it, just left-click [ESC] to de/activate it.
- Enhance mode : user can choose enhance modes and move the glass. Height and width can be adjusted too.

Configuration

All configuration is graphic. just a right-click on VMG icon in the notification area to shows the preferences.



Shortcuts

The keyboard shortcuts are available when VMG is activated :

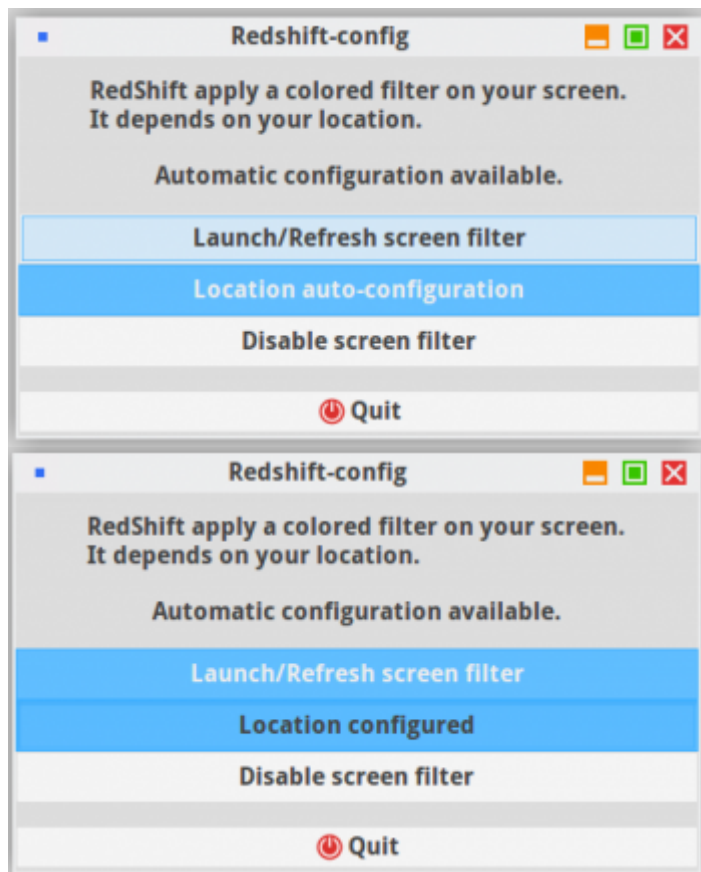
- [+] Enhance (mouse whell too)
- [-] Reduce (mouse whell too)
- [space bar] switches "On/Off"
- [up arrow] Increase height of window
- [down arrow] Decrease height of window
- [right arrow] Increase width of window
- [left arrow] Decrease width of window
- [ESC] Hide the VMG window

Link & sources

[VMG main page](#)

Screen filter

[Redshift](#) applies a color filter to your screen to reduce eyestrain. Launch it by the tool menu, activate, stop or configure your geographic localization. The new version includes a manon' script to automatically set up your city.



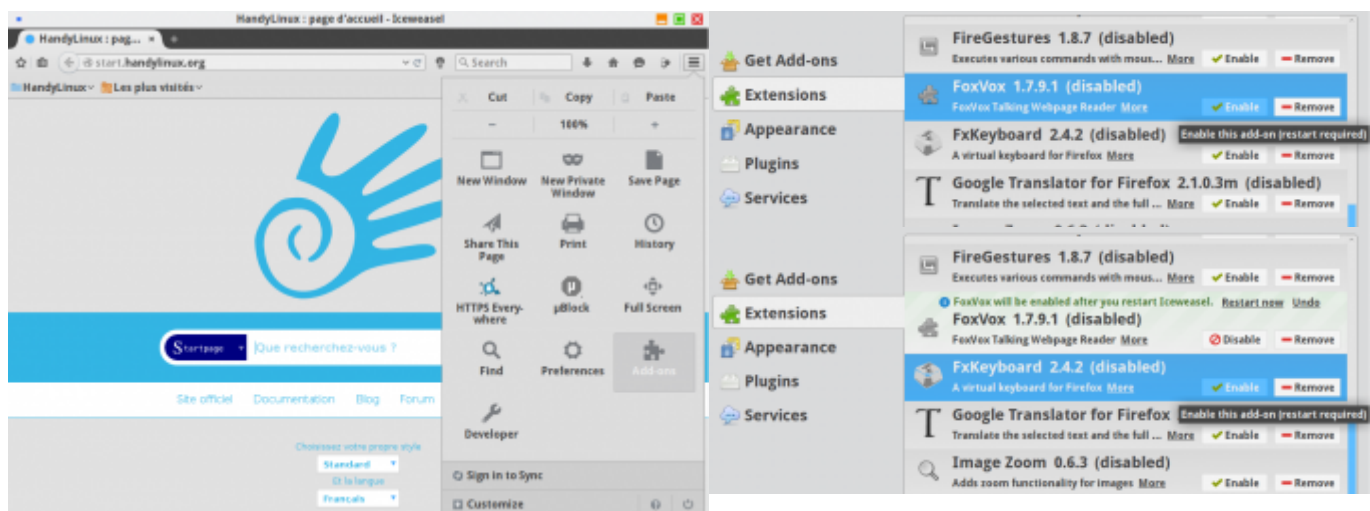
Thx to Starsheep, firepowi & manon for redshift-config contributions.

Virtual keyboard and Speech synthesis

HandyLinux is not a 100% accessible system ([Vinux does it well](#)) but includes some good tools in Iceweasel web browser like the virtual keyboard and speech synthesis, a full list of installed addons is [available here](#)

Enable Addons

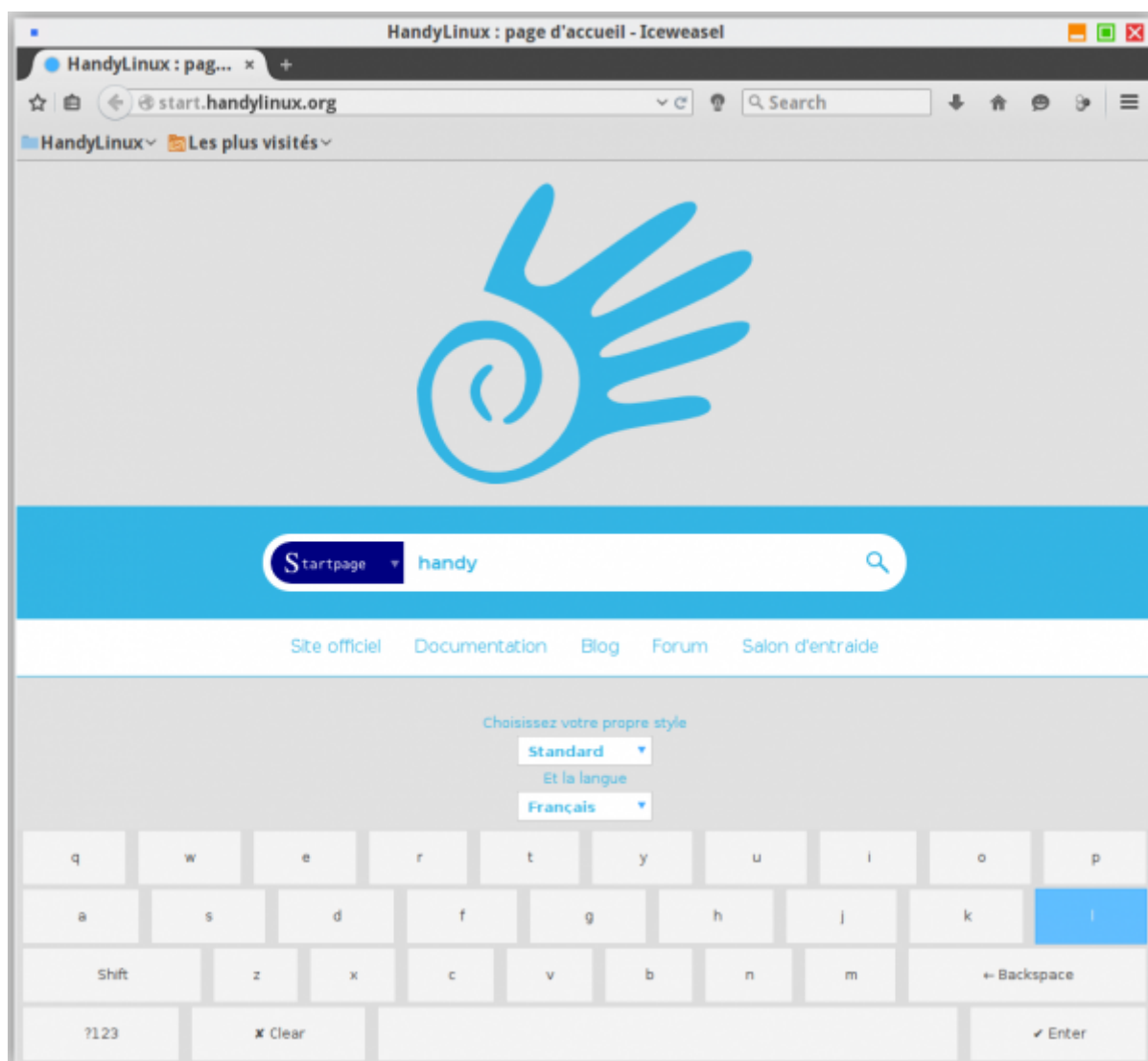
The accessibility addons are not enabled by default to preserve maximum resources. To take advantage of the virtual keyboard and voice synthesizer, you must **enable addons** from your Iceweasel browser: Open Iceweasel (HandyMenu> Internet> Web browser) and then click on the menu icon on the top right. Choose "Addons". Once on the page, select the desired addons and restart Iceweasel :



Virtual keyboard

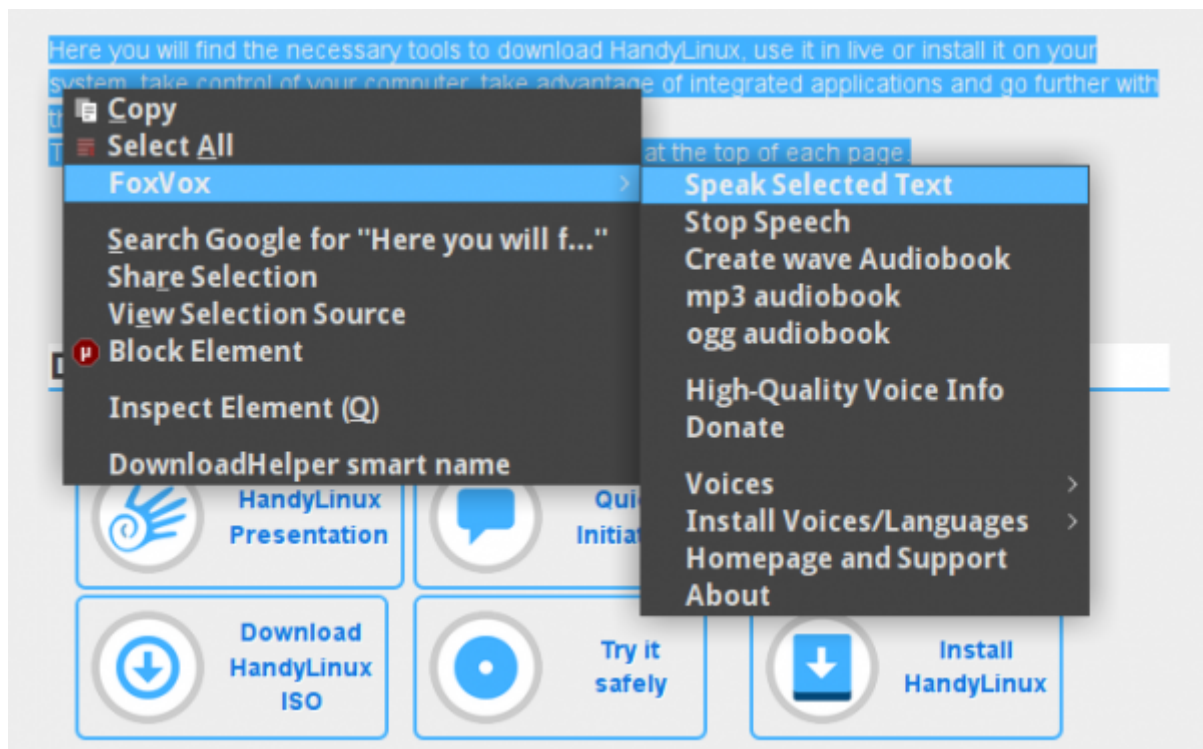
[FxKeyboard](#) virtual keyboard appears when the pointer selects a text box on a page or in the browser toolbar.

No configuration, it fits the size of your window and disappears when the text is typed:



Speech synthesis

Tired of reading? Select a text (left click and hold until the text is highlighted), right-click on the selection and choose "Speak selected text". The selection will be read aloud by FoxVox :



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