

OS Linux Desktop Effects

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- Basics
- Composite Managers
- Compiz Fusion
- Basic Effects
- Advanced Effects
- Small scratch

Basics I

- Linux Kernel
- X Server
- Window Manager
- Composite Manager

Basics II

- How does compositing works?



Composite Managers I

- Compiz
- Compiz Quininstorm known as Beryl
- Kwin from KDE4 platform
- Compiz Fusion (in next chapter)

Composite Managers II

- Compiz
 - Released by Novell in January 2006
 - Include effects as Cube, rain, wobbly...
 - Supports newest NVIDIA / ATI cards only
 - Most stable
 - Supports KDE and GNOME

Composite Managers III

- Beryl
 - Fork of compiz
 - Extended effects from Compiz
 - Adding: Show, Animations, Emerald (window borders),...
 - Works with all graphics cards which supports 3d acceleration (requires driver with support 3d)
 - Supports KDE and GNOME

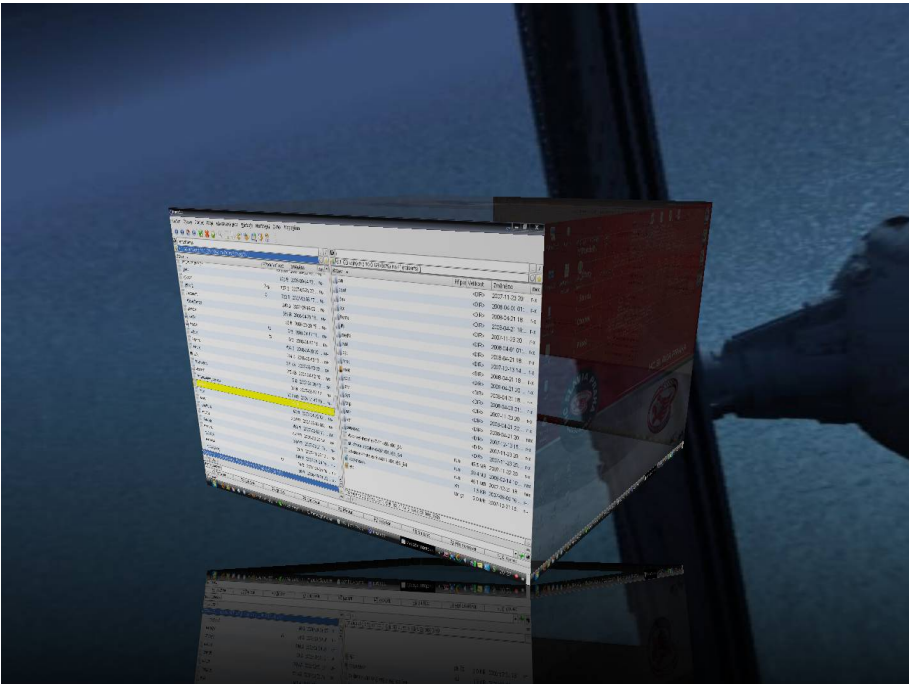
Composite Managers IV

- Kwin 4
 - Relatively newest, many effects still under development
 - Few effects as: mouse position highlight, show all desktop, animations,...
 - Many effects dont require 3d acceleration (using X Server DRI)

Compiz Fusion

- After reunion Compiz and Beryl (renamed to Compiz Extras)
- First release in summer 2007
- Adding all advantages from both projects
- Come with more effects as Expo, Paint,...
- CompizConfig Settings Manager

Basic effects I



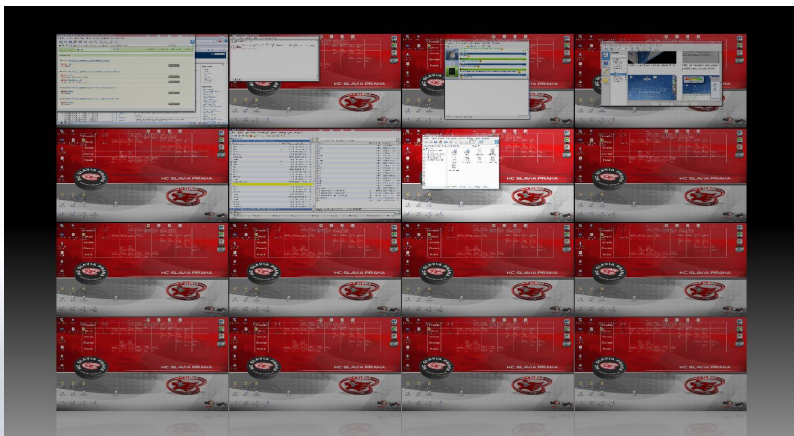
Cube

- Most popular effect
- Can have more than 4 desktops
- Change background
- Top and bottom picture (Caps)
- Cube reflection

Basic effects II

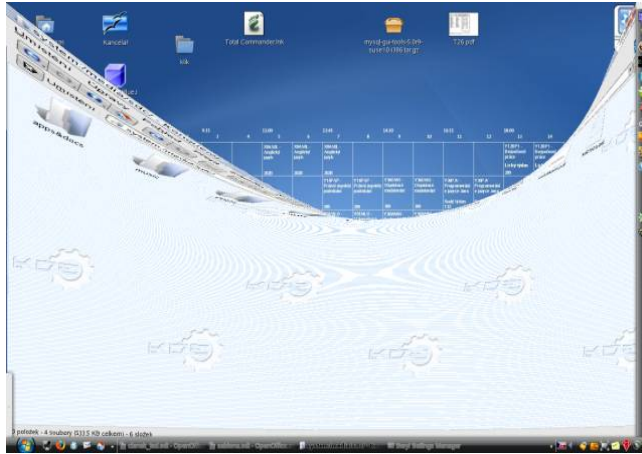


- Wobble Window
 - Nice effect
 - When window moving



- Exposé
 - Copying effect from MacOS X
 - Show all opened windows

Basic effects III



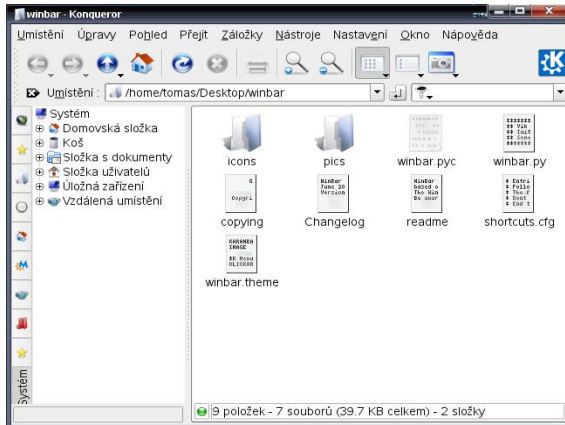
- Window Deformation



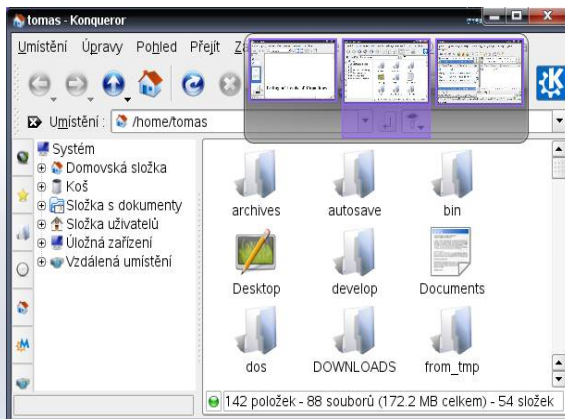
- Negatived colors

Basic effects IV

- Emerald window title



- Window tabs



Basic Effects V

Practical previews:

- Window switching like Windows Vista
- Desktop Zoom
- Window Opacity
- Highlight active window
- Window animations
- Paint
- Transparent window

Advanced Effects I

Now follows more and less useful effects

- Window Groups
- 3d windows on cube
- Sea and Gears in cube
- Paint Fire
- Highlight mouse cursor
- Snow

Advanced effects II

- Attempt to run KDE 4.0.3 and practical preview of effects in KWin

Small scratch

- Windows Vista :)

End

Thanks for your attention