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One Laptop per Child

Playing nice with others

Making Sugar work well with GNOME

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Overview

- Part I: X
 - Window manager
 - Windowing
 - Notifications (startup & alerts)
- Part II: GNOME
 - Panel
- Part III: Fedora
 - Fork merging & notification
 - Dependency monitoring
 - Bug tracking
 - Workflow

X Window Manager

- The time has come for matchbox to grow up or be replaced
- Desiderata:
 - Support a one app per desktop “tiled” mode
 - Smart fallback to overlapping windows when necessary
 - But still keep all apps on own screen...
 - ...unless the user doesn't want this

Potential Wms

- Awesome
- Matchbox2
- Etc (sorry should be pretty screenshots here)

Nota bene

- “Full screen activities” should be property of *window manager* not the application/activity
 - So that legacy apps are consistent
 - So that older users can turn this off, if they like!

Windowing

- Sugar should work well when run under unmodified metacity
 - And “insisting on running everything full screen” does not count as playing nicely
- Home/Mesh/Friends view should be on the root (like nautilus) and optional (!)
- Launched activity in sensibly-sized windows

Mockup

- Insert mockup picture here, but not today.

Notifications

- We should use standard f.d.o startup notification
 - If this means that legacy apps lose color in their icons, so be it. Better than the big O.
- We should use standard f.d.o notification/alert mechanism
 - If running sugar components on a GNOME system, “disk full”, “invitations” and other messages should “just work” with the existing GNOME implementations.

The land of GNOME

(Part II)

- Can we support the gnome panel protocol without undue bloat?
- I want legacy apps like pidgin and recordmydesktop to Just Work
- (mockup here)

PackageKit

- Standard mechanism to “install missing software”
- Backend-agnostic!
 - Fedora uses yum, XO builds use ...?

Fedoraland (part III)

- Managing forks
- Managing dependencies
- Bug tracking
- Workflow
- Unprivileged installation?