One Laptop per Child

Playing nice with others

Making Sugar work well with GNOME

Dr. C. Scott Ananian <cscott@laptop.org>

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 GNOMES (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?