Clouseau
The EFL UI Inspection Tool

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About Me

- Enlightenment developer
- As well as other OSS projects.
- Love tools and pro automation
- Work at Samsung UK
Debugging UIs

- Debugger/printfs to query suspicious objects
- Brute-force modify things until things work.
- Make someone debug it for you.
The Pink Panther Has Gone Missing
win = elm_win_util_standard_add("pink-panther", "Pink Panther");
elm_win_autodel_set(win, EINA_TRUE);

bx = elm_box_add(win);
ev_object_size_hint_weight_set(bx, 0.5, 0.5);
ell_win_resize_object_add(win, bx);
ev_object_show(bx);

panther = elm_image_add(bx);
elm_image_file_set(panther, "pink_panther.png", NULL);
elm_image_aspect_fixed_set(panther, EINA_TRUE);
ev_object_size_hint_min_set(panther, 250, 250);
ev_object_show(panther);

ev_object_resize(win, 200, 75);
ev_object_show(win);

...
Inspector Clouseau to the rescue!
How it actually works

- Runtime class provided information.
- Hooking on EFL funcs - proper integration in the near future.
- We use Eet for serialization.
- We use it on Tizen devices at Samsung.
Real(?) Life Example

Bug report on the mailing list?

No time, busy arguing about something unrelated in that thread.

Reload EDevel Tumblr

No new memes

Eet isn't a random name

You pass -leet to GCC
Additional Useful Features

- Rendered window inspection.
- Store images of the UI in the Eet.
- Not limited to GUIs.
A Glance Into The Future

- Regression testing platform.
- Interaction ("commands") to the inspected applications.
- Better UI – jump to object, search, and etc.
- Filter objects to only show specific classes.
- Major UI overhaul.
Code at the E svn (soon to be git):
http://svn.enlightenment.org/svn/e/trunk/clouseau

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