TkInter, toujours de la partie?

François Girault

PyConFR - 7 octobre 2018

TkInter, toujours de la partie?

- Introduction
- Design, UX ...
- Aux origines
- Et TkInter dans tout ça?
- Etude de cas / retour d'expérience

Introduction

Ego Trip

Introduction: sponsor



Merci Patron!

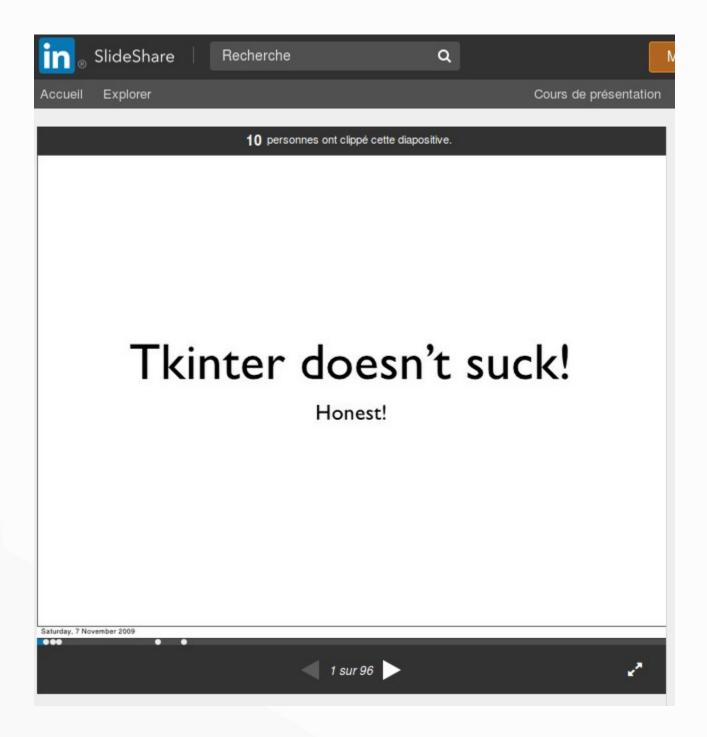
Introduction: TkInter en 2018?

"C'est vieux!"

"C'est moche!"

"Il y a mieux depuis!"

Déjà en 2009 ...



UX et Design

Crash Course

UX is not UI

http://www.uxisnotui.com/

HOW UX WANTS TO BE SEEN

- Field research
- Face to face interviewing
- Creation of user tests
- Gathering and organizing statistics
- Creating personas
- Product design
- Feature writing
- Requirement writing
- Graphic arts
- Interaction design
- Information architecture
- Usability
- Prototyping
- Interface layout
- Interface design
- Visual design
- Taxonomy creation
- Terminology creation
- Copywriting
- Presenting and speaking
- Working tightly with programmers
- Brainstorm coordination
- Design culture evangelism

HOW UX IS TYPICALLY SEEN

- Field research
- Face to face interviewing
- Creation of user tests
- Gathering and organizing statistics
- Creating personas
- Product design
- Feature writing
- Requirement writing
- Graphic arts
- Interaction design
- Information architecture
- Usability
- Prototyping
- Interface layout
- Interface design
- Visual design
- Taxonomy creation
- Terminology creation
- Copywriting
- Presenting and speaking
- Working tightly with programmers
- Design culture evangelism

UX et Libre

Framablog

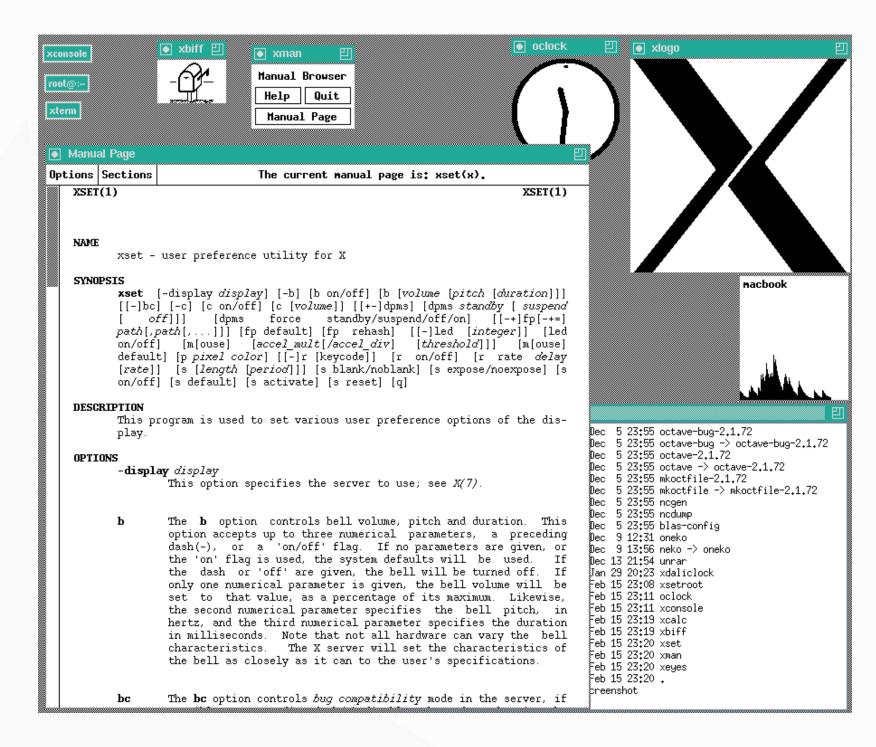


https://framablog.org/2018/10/02/et-si-on-tenait-compte-des-utilisateur%C2%B7ices-dans-les-projets-libres/

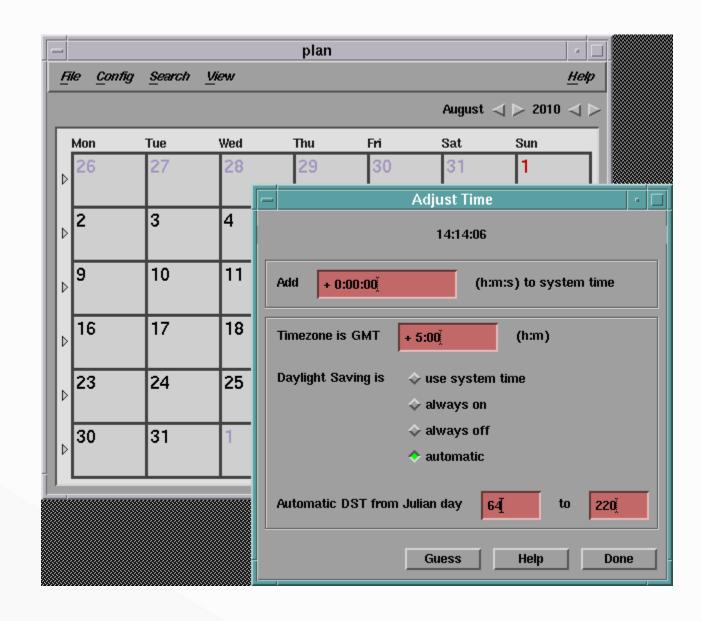
Design

Le "bon" design ...

1987:X11



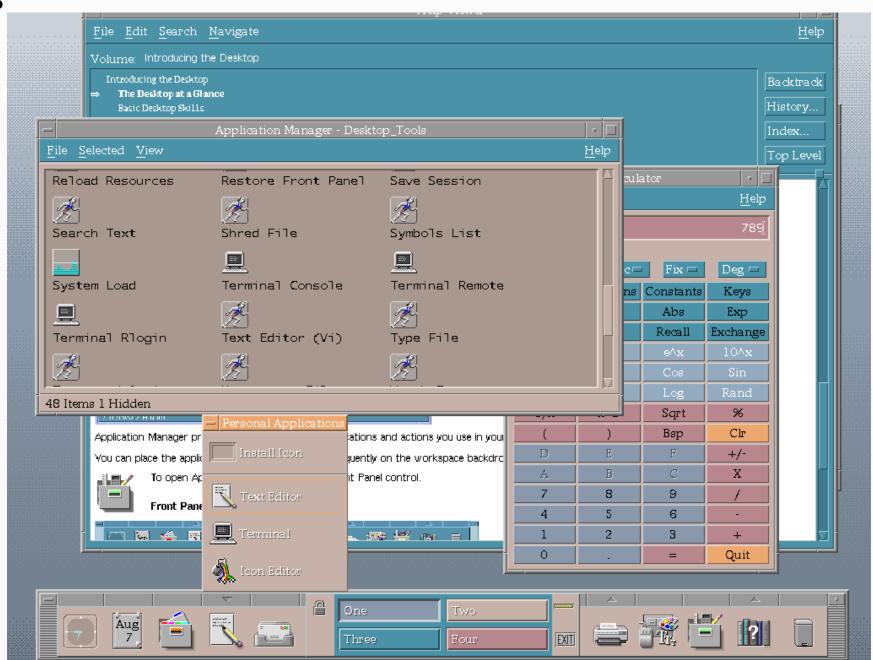
198X: Motif



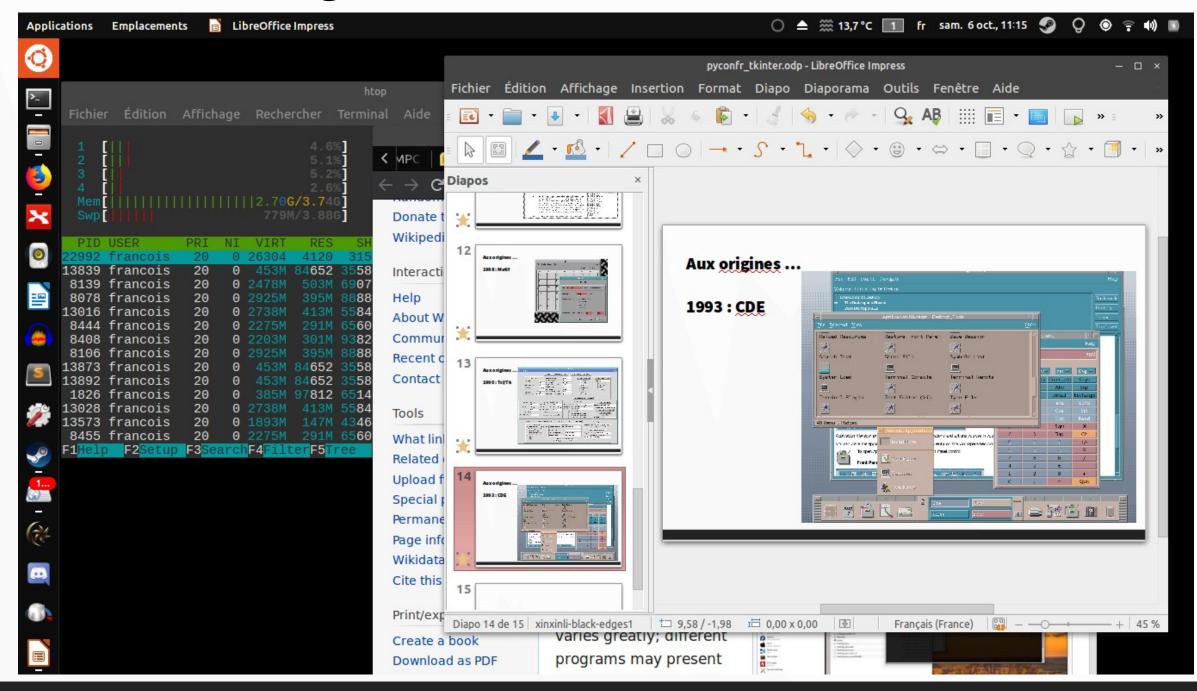
1990: Tcl/Tk



1993: CDE



2018: Flat Design



Flat Design

Bonus

- Fin des repères de guidage skeuomorphiques (conduite du changement)
- Simplification des affichages
- Mise en valeur des contenus plutôt que des contenants

Malus

- Pertes des repères acquis
- "Découvrabilité" affaiblie

Implémenter le Flat Design

• Typographie : une "belle" police ou couple de police

- Palette de couleurs autorisant des aplats sans agressivité visuelle
 - https://flatuicolors.com/
- Iconographie "sobre"
 - http://www.defaulticon.com/

Themed Tk

- Conçu à l'origine pour compléter l'intégration native des applications graphiques
- Inclut des widgets manquants à Tk : combo arbre / grille de données
- "Détournable" pour implémenter le "Flat Design"
- Donc prêt pour des interfaces modernes et utilisable :)

Styliser les applications TkInter

- Utiliser les widgets ttk
- Créer un Style
- Créer des "classes" pour les widgets
- Cas pratique

Documentation

- Tkinter 8.5 reference: a GUI for Python
 - http://infohost.nmt.edu/tcc/help/pubs/tkinter/web/index.html
- EffBot
 - http://effbot.org/
- ActiveState
 - http://code.activestate.com/recipes/langs/python/tags/meta:requires=tkinter/
 - https://github.com/ActiveState/code/tree/master/recipes/Python

That's All Folks!