Sketching interactions

Felipe Erias

felipeerias@igalia.com
@felipeerias
Felipe Erias Morandeira
SW Engineering at U. Corunna (ES)
MsC. HCIT at U. York (UK)
At Igalia since 2007
Sketching User Experiences

getting the design right and the right design

Bill Buxton
"Getting the design right, and the right design"
“Getting the design right...”

Discoverability

Usability

Accessibility

Visual appearance

Performance
"... and the right design"
“A little figurine I got when I was in France to remind me of my visit to the Eiffel Tower”
Esm723 - Flickr
Levels of processing

Visceral

Behavioural

Reflective

Donald Norman, "Emotional design"
What is "cool"?

Accomplish
Connection
Identity
Sensation

Direct into action
The hassle factor
The delta

Karen Holtzblatt
What is "cool"?

Accomplish my intent anywhere, on my time

Direct into action without hassle

Connection

Identity

Sensation & Aesthetics
Getting there

Setting the problem

What do we build?

Solving the problem

How do we build it?
Laseau’s Funnel

Design Process

Elaboration of Ideas

Reduction of Ideas

Laseau (1980) – cited by Buxton
Design is a negative craft
We need to sketch behaviour
Sketches

Fast
Cheap
Plentiful
Disposable
Examples
Paper interface for a tablet music app.
10 NEWS

People

Christina Hendricks has a lot in common with her TV alter-ego. Like Joan Holloway, the pneumatic secretary in the series Mad Men, Hendricks combines sexiness with cool self-possession. Even in her early 20s, when she was working as a model, her head was never turned by the attention she received. “I didn’t do it because I wanted to be a model – I did it because I wanted to get out of Virginia,” she told Hadley Freeman in The Guardian. “I met a lot of young girls modelling and they were like: ‘Oh, I’m running around town and people are taking my picture’, while I was saving receipts and learning how to be self-employed.” When she was given an invitation to Johnny Depp’s birthday party, she sold it to pay for groceries. “I was astounded I was invited because I didn’t know anyone.”

The nice cakey lady
Jane Asher has crammed a lot into her 65 years, says Dominic Maxwell in The Times. An actress since the age of five, she has written three novels, set up a cake business, gone out with Paul McCartney, been married to cartoonist Gerald Scarfe for 40 years and raised three children. Yet she has a reputation for being somewhat bland – which she doesn’t mind at all. “It’s the price you pay,” she says, for never talking about The Nice Cakey Lady.

Havers on happiness
At 60, Nigel Havers is a happy man, says Judith Woods in The Daily Telegraph. The actor’s second wife, Polly Williams, died of cancer in 2004 – after which he found himself slowly falling in love with her best friend, Georgiana. They have now been married for four years. “I could never date a much younger woman,” he has said.

The fury of Imran Khan
Imran Khan is an angry man. The Pakistani cricketer-turned-politician believes his country has reached its nadir: corrupt, dependent on US handouts – and allowing America to wage war on its own people. “The war on terror is the most insane and immoral war of all time,” he told Stuart Jeffries in The Independent.

Farewell
Lord Croham of Croydon, formerly Sir Douglas Allen, senior civil servant, died 1 September, aged 95.
Archduke Felix of Austria, son of the last Habsburg emperor, died 6 September, aged 95.
Kurt Sanderling, conductor who fled Nazi Germany for Russia, died 17 September, aged 98.

Castaway of the week
This week’s edition of Radio 4’s Desert Island Discs featured the actor Martin Clunes
1. Hot Love by Marc Bolan, performed by T. Rex
2. Get Up Stand Up by Bob Marley & The Wailers

Viewpoint:
Corporal punishment
“I was caned at school on five or six occasions but it was not the remotest deterrent. Far worse was if my mother noticed the two parallel blue weals on my backside and ascertained their origin. Then all hell broke loose and I would be in disgrace. I hated for weeks for weeks.”

Corporal punishment
Palm Pilot wooden prototype (1995) – computerhistory.org
“Forum Theatre as a Requirements Gathering Methodology...” (2007) - University of Dundee
“Forum Theatre as a Requirements Gathering Methodology...” (2007) - University of Dundee
“Forum Theatre as a Requirements Gathering Methodology...” (2007) - University of Dundee
In GNOME

Text, wireframes and visual mockups

https://live.gnome.org/Design/

Multiple selection HTML demo (jimmac)

http://jimmac.fedorapeople.org/gnome3/boxes/overlay-toolbar2/
Example: Epiphany
Grand Prize Winner and 1st Place Nature. THE EXPLOSION! The subject's name is Busaba, a well-cared for Indochinese Tiger whose home is at Khao-Kheow Open Zoo, Thailand. I had taken many portraits of Busaba previously and it was becoming more and more difficult to come up with an image that appeared any different to the others. Which is why I took to observing her more carefully during my visits in the hope of capturing something of a behavioral shot. The opportunity finally presented itself while watching Busaba enjoying her private pool then shaking herself dry. In all humility I have to say that Mother Nature smiled favorably on me that day! (Photo and caption by Ashley Vencat/National Geographic Photo Contest)


Joe ‘Zonker’ Brockmeier via The Linux Foundation

Congrats to my openSUSE peeps on the new release!

openSUSE 12.1 Arrives: What’s New and What Happened to 12.07

www.linux.com

What’s new in openSUSE 12.1? Quite a lot, it turns out. Wait... 12.1? What happened with 12.0? Find out this, and more, in Joe ‘Zonker’ Brockmeier’s piece on the latest from the openSUSE Project.

Like · Comment · Share · 54 minutes ago · Edit

Martin Simek shared a link.


Konecne Ceske zacinaji byt v Evropi vyrazni a konecne se nam podal vyrazny export nasich 'Tufrury' do Evropy ... Evropa si musi zacit zvykat ...
Interactive sketch

QML: WebView, Animations

Smoke and mirrors: no widgets, images

Hardcoded

Focus on the point
Review

Fast?

Cheap?

Plentiful?

Disposable?
In summary...

Need to find the right problem to fix

Drafts, sketches, mock-ups help:

- Ideation
- Organisation
- Communication

Not just looks: behaviour, experience
Thanks!