

Sketching interactions

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Introduction

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SW Engineering at U. Corunna (ES)

MsC. HCIT at U. York (UK)

At Igalia since 2007


...it has earned its spot as the best innovation book of this year. — *strategy + business*

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

Direct into action

Connection

The hassle factor

Identity

The delta

Sensation

Karen Holtzblatt

What is "cool"?

Accomplish my intent anywhere, on my time

Direct into action without hassle

Connection

Identity

Sensation & Aesthetics

Getting there

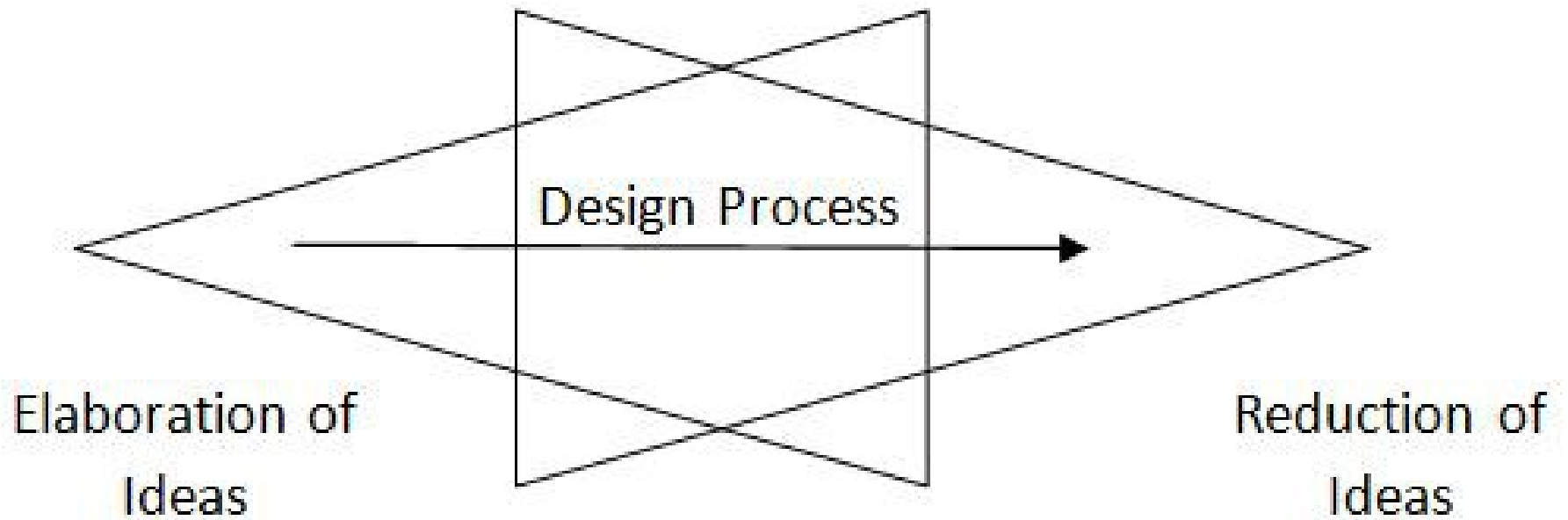
Setting the problem

What do we build?

Solving the problem

How do we build it?

Laseau's Funnel





Design is a **negative** craft



Picasso, "Don Quijote" (1955) - Wikipedia



We need to sketch **behaviour**



Sketches

Fast

Cheap

Plentiful

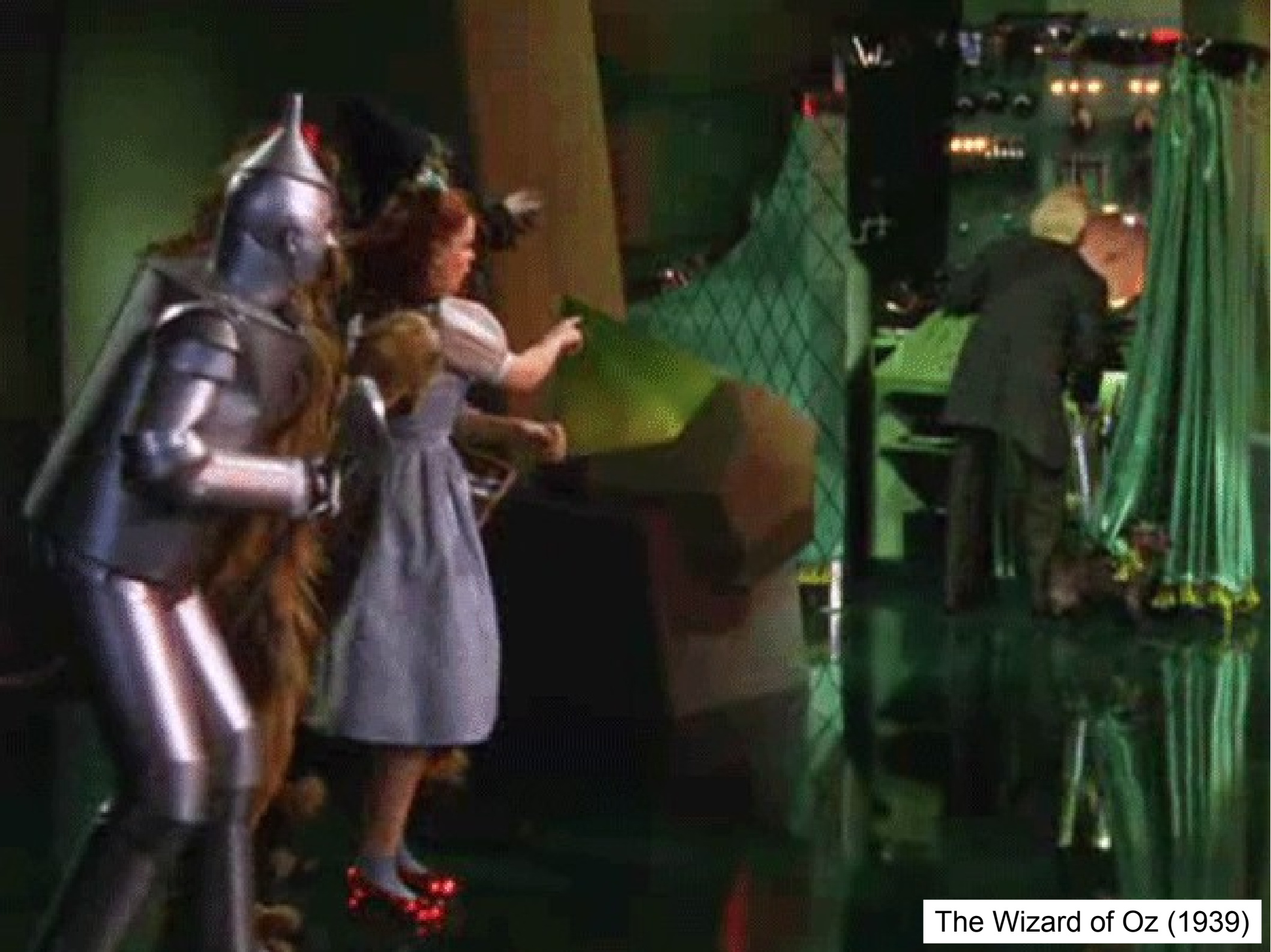
Disposable



The Wizard of Oz (1939)



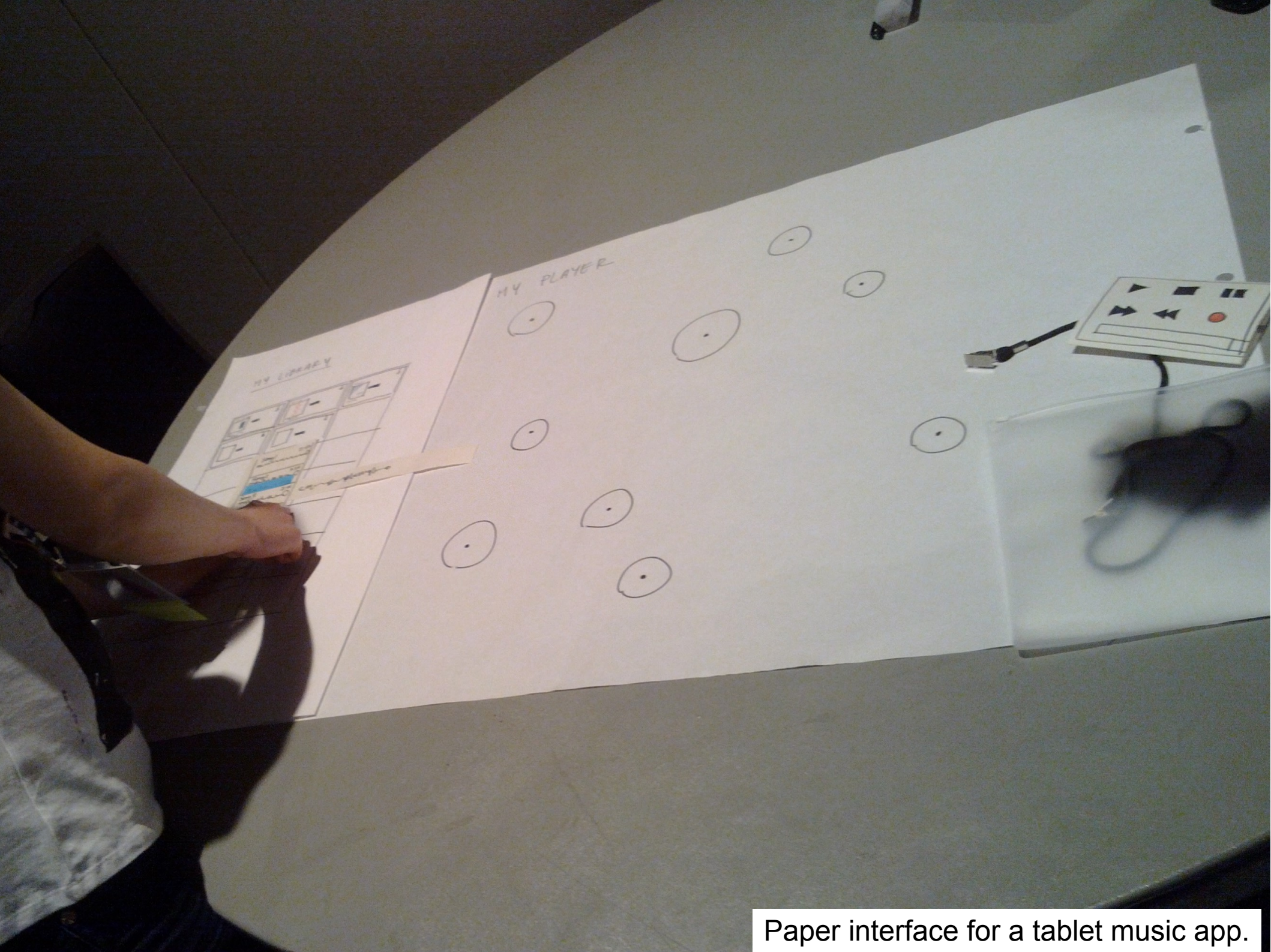
The Wizard of Oz (1939)



The Wizard of Oz (1939)



Examples



Paper interface for a tablet music app.



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

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

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

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

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.

Burhanuddin Rabbani, president of Afghanistan 1992-1996, died 20 September, aged 71.

Kurt Sanderling, conductor who fled Nazi Germany for Russia, died 17 September, aged 98.

Castaway of the week

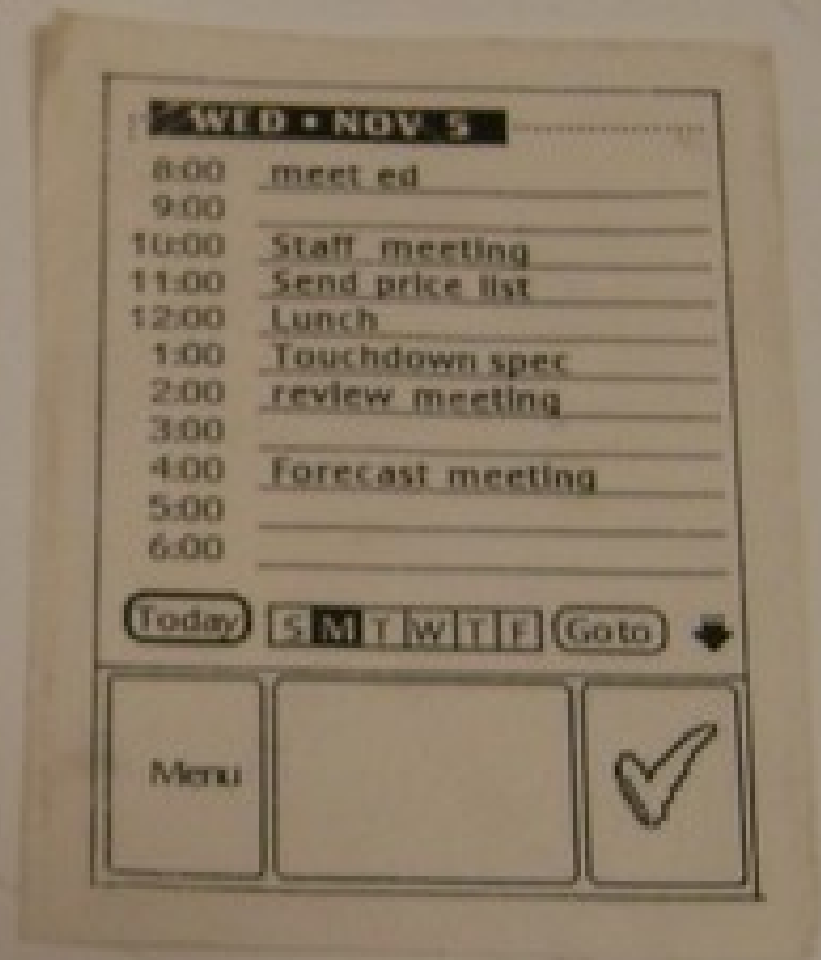
This week's edition of Radio 4's *Desert Island Discs* featured the actor Martin Clunes

- 1 *Hot Love* by Marc Bolan, performed by T. Rex
- 2 *Get Up, Stand Up* by Bob Marley and 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 disarray and scared for weeks."











“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 Tigress 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 Vincent/National Geographic Photo Contest)



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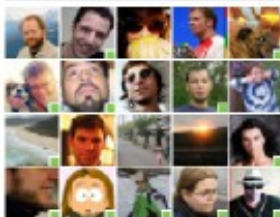
Ads

Bzoenk Bar

PAGES

Tango Desktop Project

Friends on Chat



Update Status Add Photo / Video Ask Question

What's on your mind?

SORT

2 NEW STORIES



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam nisl quam, posuere non, volutpat sed, semper vitae, magna. Pellentesque ac turpis. Suspendisse lectus. Donec diam eros, tristique sit amet, pretium vel, pellentesque ut, neque. Pellentesque viverra dolor non nunc. Cras ac enim vel dui vestibulum suscipit. Mauris urna sem, suscipit vitae, dignissim id, ultrices sed, nunc. Ut venenatis. Donec ut urna. Aenean turpis ipsum, rhoncus vitae, posuere vitae, euismod sed, ligula. Phasellus at purus sed purus cursus iaculis. Proin dolor sapien, adipiscing id, sagittis eu, molestie viverra, mauris.

Maecenas justo. Donec ut purus. Curabitur tincidunt tellus nec purus. Mauris tincidunt aliquam ante. Duis sem velit, ultrices et, fermentum auctor, rhoncus ut, ligula. Pellentesque condimentum felis a sem. Etiam fermentum. Nullam venenatis gravida orci. Pellentesque viverra dolor non nunc. Sed fringilla. Vivamus quis mi. Mauris tempus diam. Suspendisse venenatis. Maecenas convallis dui. Nulla facilisi. Mauris et pede.



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 12.0?

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.

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Martin Simek shared a link.

http://ona.idnes.cz/Redir.aspx?c=A111116_160338_vztahy-sex_jup&tx=socialky_facebook_c
ona.idnes.cz

Like · Comment · Reshare · 32 minutes ago ·



Martin Simek

Konecne Cesi zacinaji byt v Evrope vyrazni a konecne se nam podaril vyrazny export nasi "kultury" do Evropy ... Evropa si musi zacit zvykat ...



Martin Simek shared a link.
Pro výkony za Česko patří...



Jason Rist Urge your "represent
ative" to vote no on HR 3261

Look up their number here:

ht...

accidental neuron misfire...



Martin Simek Konecne Cesi zacinaji
byt v Evrope vyrazni a konecne se
nam podaril vyrazny expo...
Češi si kvůli projektu 12...



Baru Klabanová commented on her
own photo: ":-D to neěěěěěěěě"



Baru Klabanová commented on her
own photo: "protože asi každá
oněměla úžasem!"



Radim Schtade commented on Baru
Klabanová's photo: "spíš Panebóže"



Radim Schtade commented on Baru
Klabanová's photo: ":-)"

openSUSE 12.1 Virtua... at 5:00am

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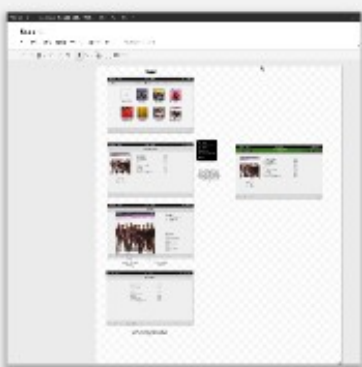
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Twitter



GNOME 3.0
GNOME



Documents
GNOME Live



Web
GNOME Live



Battlelog
Battlefield 3



Bugzilla
GNOME



Interactive sketch

QML: WebView, Animations

Smoke and mirrors: no widgets, images

Hardcoded

Focus on the point



Demo

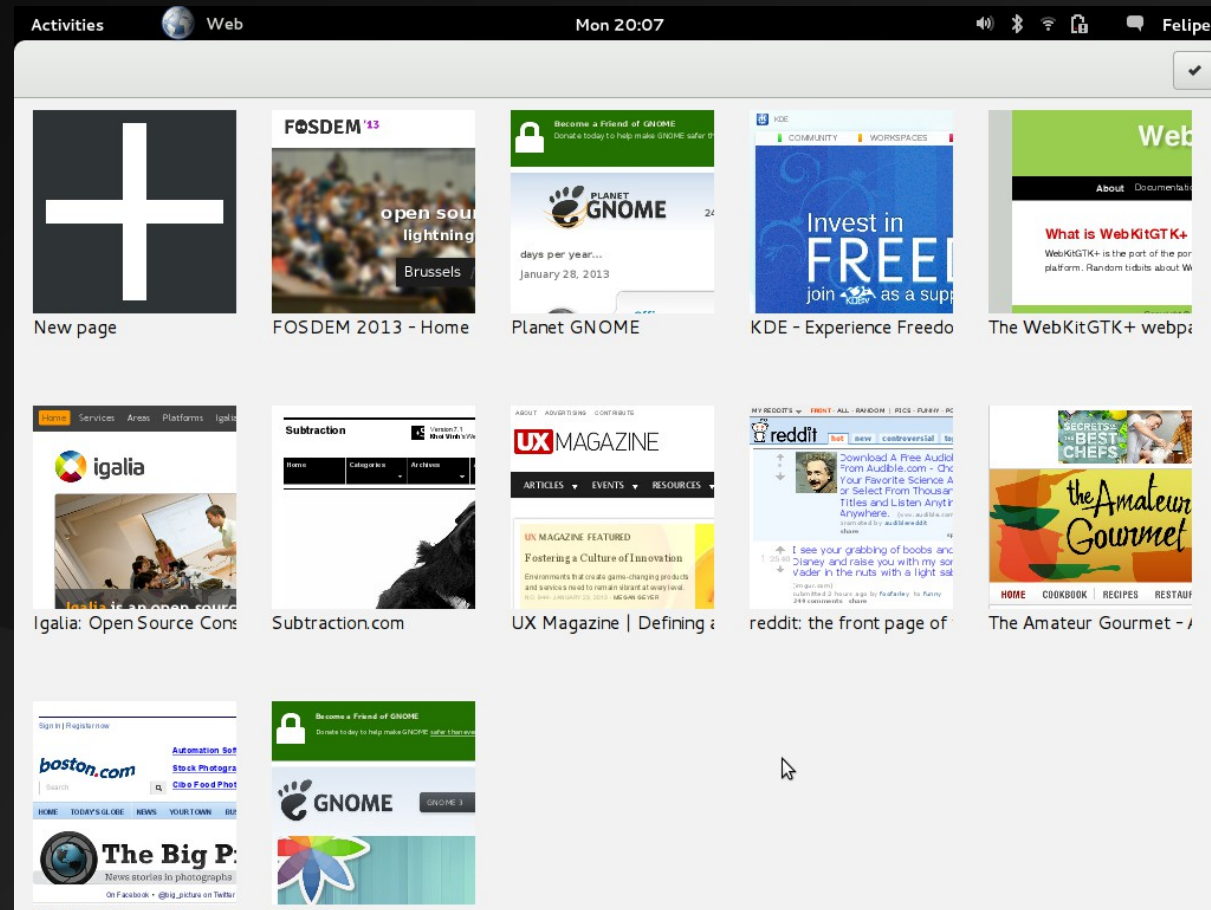
Review

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!

