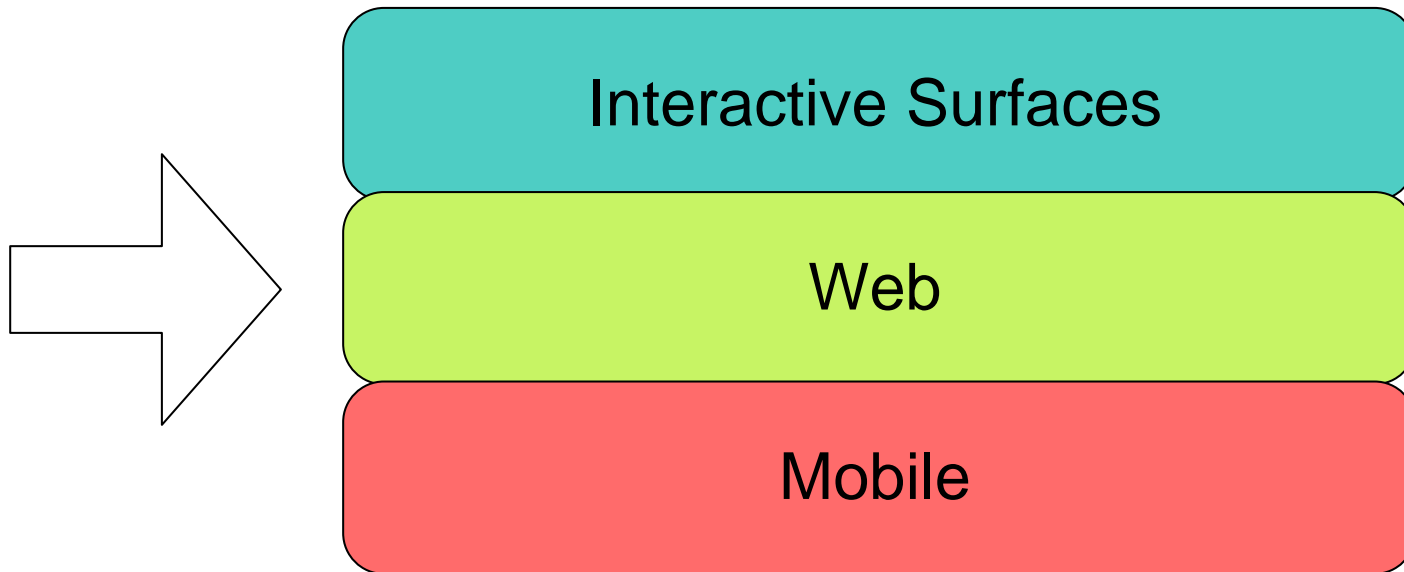


Mensch-Maschine-Interaktion 2

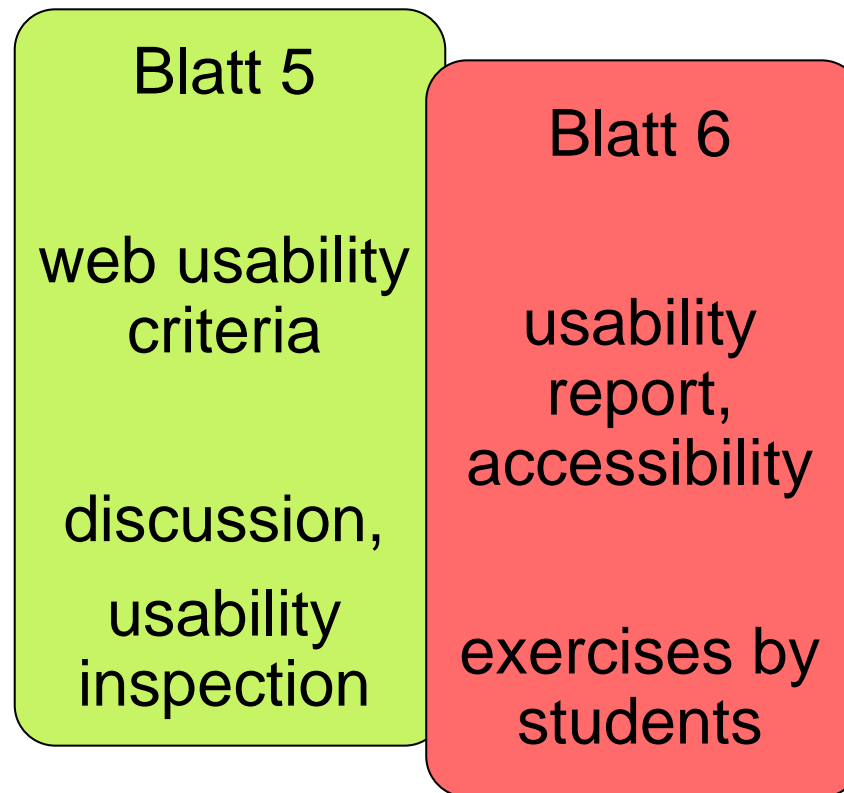
Übung 6

Ludwig-Maximilians-Universität München
Wintersemester 2010/2011

Themen der Vorlesung und Übung



Zeitplan (23.11. - 13.12.2010)



Übungsblatt 5: Arten der Evaluation, Kriterien

Mögliche Kategorien:

▶ nutzerbasierte Evaluation

▶ expertenbasierte Evaluation

▶ automatisierte Evaluation

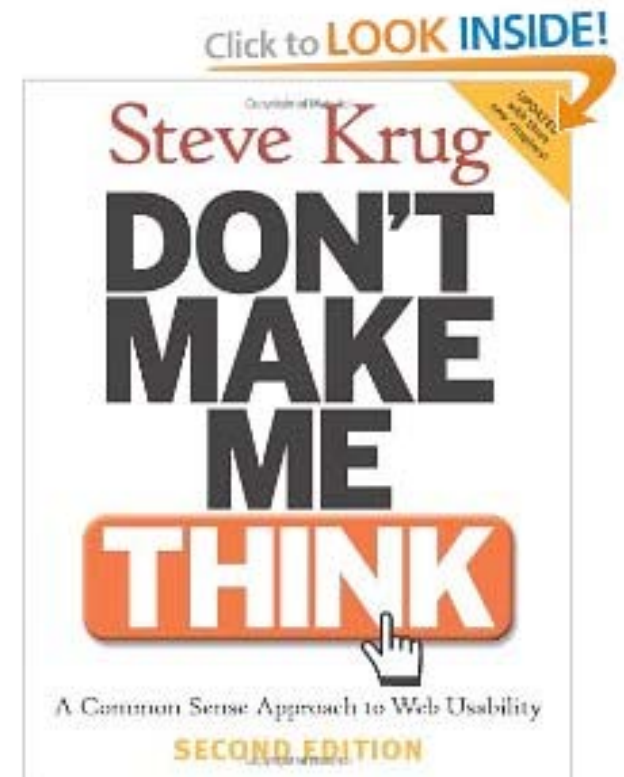
Ordnet Usability Kriterien gedanklich ein!

Was kann man wie besonders gut abprüfen?

Don't make me think (Steve Krug)

▶ “A Common Sense Approach to Web Usability”

▶ Next slides are from book preview of Amazon.com



Don't make me think (Steve Krug)

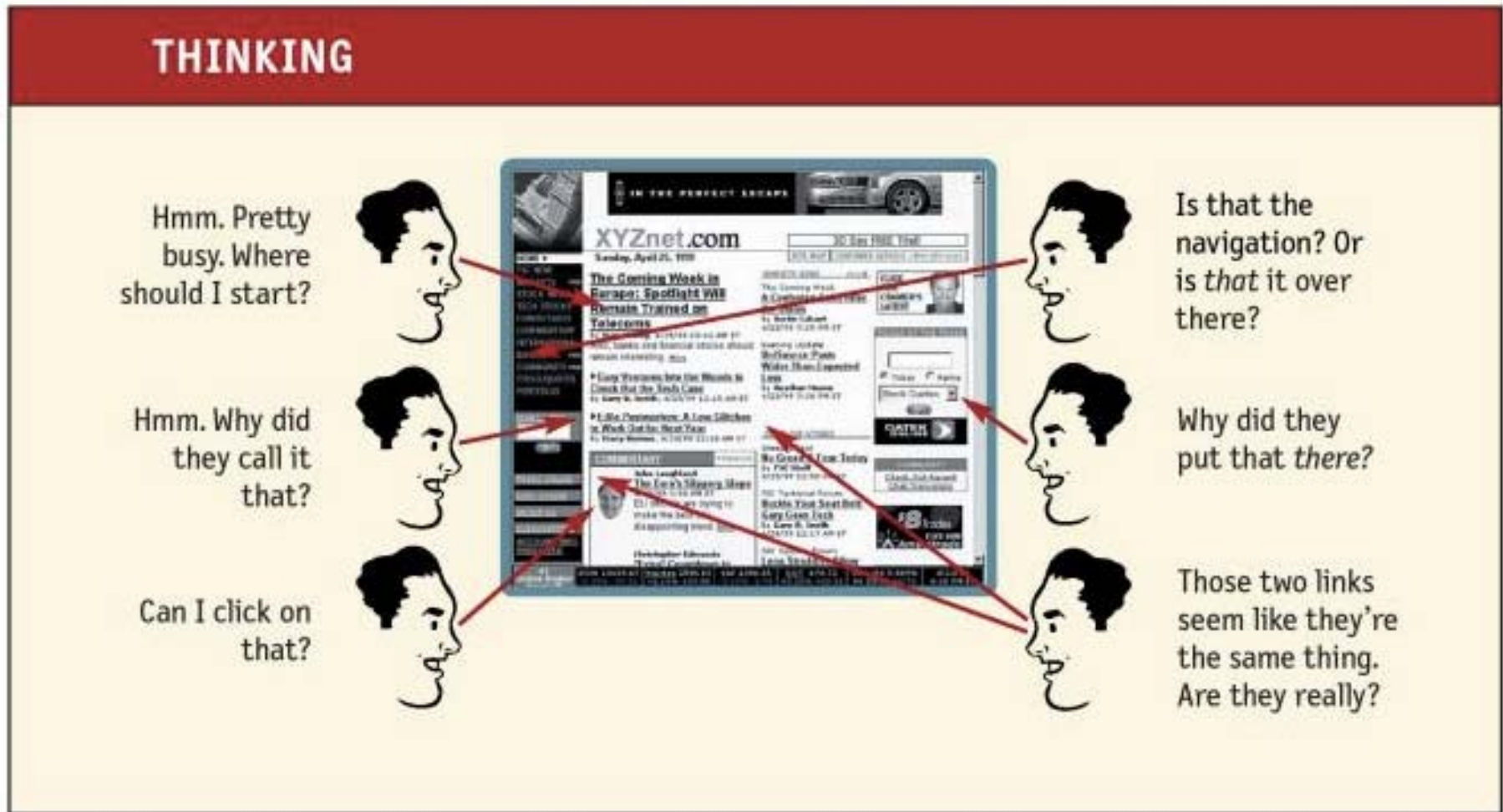
NOT THINKING

OK. This looks like the product categories...







Memory, Modems... There it is: Monitors. *Click*

...and these are today's special deals.

Don't make me think (Steve Krug)



Don't make me think (Steve Krug)

< OBVIOUS		REQUIRES THOUGHT >
<p>Jobs! <i>Click</i></p> 	<p>Hmm. <i>[Milliseconds of thought]</i> Jobs. <i>Click</i></p> 	<p>Hmm. Could be Jobs. But it sounds like more than that. Should I click or keep looking?</p> 
< OBVIOUSLY CLICKABLE		REQUIRES THOUGHT >
<p><i>Click</i></p> 	<p>Hmm. <i>[Milliseconds of thought]</i> I guess that's a button. <i>Click</i></p> 	<p>Hmm. Is that a button?</p> 

MOST BOOKSTORE SITES



QUICK SEARCH Keyword Search



Let's see. "Quick Search."
That must be the same as
"Search," right?



QUICK SEARCH Keyword Search



Do I have to click on that drop-down
menu thing?

All I know about the book is that it's
by Tom Clancy. Is Clancy a keyword?

(What *is* a keyword, anyway?)



QUICK SEARCH Keyword Search

- Title
- Author
- Keyword



I guess I have to use the menu.

Clicks on the arrow



QUICK SEARCH Keyword Search

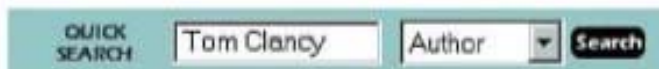
- Title
- Author
- Keyword



"Title. Author. Keyword."

OK. I want "Author:"

Clicks "Author"



QUICK SEARCH Author Search



Types "Tom Clancy"

Clicks "Search"

What is this website about?

"Fractality Causes Charge to ACCELERATE! - Since all biologic growth is limited by ability to absorb energy it is self evident the best way to compress that in to nourish biology is FRACTAL! Recursive Feedback=Self Awareness=Fractality. 100 Years of Writing Field Equations, yet has physics investigated whether the same fractal field that causes gravity could also most nourish DNA-
 ONE Simple Electric Symmetry (Fractality: Visualize a Rose, In 3D it is the PHASE CONJUGATING- Dodec Stellated)- to CAUSE AND STABILIZE: 1. ALL DNA GROWTH+ Healing (Concentrates LIFE FORCE), 2. GRAVITY & Atmosphere Maintenance

Oct 13: Imploder & WATER Science Update:
fractalfield.com/bloomthedesert/imploderupdate.html
 Growth Effect - Results now compelling..
fractalfield.com/implodernews Hydrodynamically AND Magnetically Imploded- Viktor Schauberger's dream of Implosion for Water.
Nov 1: Halloween: Fractal FUSION with Ancestral Memory- Communion of Saints meets Electrical Engineering goldenmean.info/objectiveimmortality
& Nu Imploder Breakthru Tech Update

Oct 2, 2010: [Coherence: Deep Science](http://goldenmean.info/coherence) & Biologic Meaning: Film- Int'l Conference on COHERENCE + NEW Imploder Shower Nozzle Released!
fractalfield.com/coherence

Sept 1, 2010: [Gravity IS Love: New Attractive Physics & BLACK HOLES CENTERS ON PHI](http://goldenmean.info/gravityislove)
 +Film Golden Ratio Physics of KABBA- & Imploder News AND PYRAPHI WORKS! goldenmean.info/gravityislove

Implosion Group's website about Dan Winter- Sacred Geometry & Coherent Emotion, & HeartTuner

Select Language

Powered by Google™ Translate

Understanding 'Get FRACTAL or Get Dead!' (Architecture of Life/ our bumper sticker):
IF the stubborn fool scientists of Earth understood [HOW golden ratio fractality CAUSES gravity](http://goldenmean.info)..& [all centripetal force](http://goldenmean.info) THEN they might be competent to give you some decent advice on how to hold your aura together..
 (hint: only way to get sustainable OR immortal OR thru death...)> otherwise you're stuck with obsolete religion for info-on that..

Implosion due to Charge Fractality is the ONLY Cause of Life, of Gravity, and ONLY Cause of ANY S
- Here is Proof! goldenmean.info/goldenproof < The CLIMAX of our Research.
What is the possibility that Planck Length x Golden Ratio= The Hydrogen Radii (Winter's new equation happens by accident? Answer: ZERO!! Einstein's (& modern physics) failure to figure out why an object to the ground, directly resulted in the incredible stupidity not to learn what (FRACTAL) field effect CAUSES all of this SPECIFICALLY because of the arrogant ignorance of the simple observation that Golden Ratio SOLVES the problem & therefore of compression- THE PERFECTED CHARGE COLLAPSE WHICH IS THE CAUSE OF GRAVITY and therefore of the perfected charge distribution causing life and mind..read about it (& see films): goldenmean.info/selforganization

Dan Winter > EVENT CALENDAR 2010 -

our hit rate has doubled to 200,000 per day- there are many who care about actually understanding the [electric field which causes life](http://goldenmean.info)..

FILM LIBRARY- Implosion Group with Dan Winter- is Announcing: All New Suite of Fractal Tech: Projects

Home page(s): goldenmean.info -2 million hits/ month- fractalfield.com --- Breakthru-Technologies.com --- TheFractalField.com
 Upcoming Events: [Do Europe Summer 2010! S.France and MUCH MORE- w/Dan Winter, Vincent Bridges.....:](http://goldenmean.info)
TWO Million hits/month, Link: [25,100 Websites which link to goldenmean.info](http://goldenmean.info)

> [Subscribe/Unsubscribe email to: implosiongroup@yahoo.com](mailto:implosiongroup@yahoo.com) , [Language Index- English, French, Spanish, German, Italian](http://goldenmean.info)
 > [Site Search](http://goldenmean.info) or [Search Site w/Yahoo](http://goldenmean.info) - [DVD's/Books](http://goldenmean.info) - "World Tours!" > [2010-Events Calendar](http://goldenmean.info)

Newest Implosion Powerpoint! Dan Winter's BOOKS: 1. [Alphabet of the Heart](http://goldenmean.info), 2. [EartHeart](http://goldenmean.info), 3. [Implosions Grand](http://goldenmean.info)
 4. [Implosion: Secret Science of Ecstasy & Immortality](http://goldenmean.info) , - [Origin of Alphabets Physics - Stellar Purpose/History of](http://goldenmean.info)
 -Bonus: Updated 25 DVD Set- 144 Euro -with Dan Winter- now includes added bonus- latest beautiful color printed



<http://www.goldenmean.info/>



4 learn about the simple steps to zipcar freedom

-  1. join
-  2. reserve
-  3. unlock
-  4. drive

ready to hop on board?

join zipcar 

car rental is so last century

Car sharing with Zipcar leaves car rental and car ownership in the dust. You get wheels when you want them and pay as you go (literally).

[more ▾](#)

 **we're all a-twitter**

follow us @Zipcar ▶

touch and go.

Zipcar for the iPhone.

get the app free ▶ 

<http://www.zipcar.com/>

Beispiel für nutzerbasierte Evaluation

[Demo Usability Test by Steve Krug:](#)

<http://www.youtube.com/watch?v=QckIzHC99Xc&>

- ▶ What are the three worst usability issues?
- ▶ How could you solve them?

Ausblick 6. Übungsblatt

Thema: Usability report & Accessibility

Art: Gruppenaufgabe

Accessibility Scenarios

- * Online shopper with color blindness - user customized style sheets
- * Reporter with repetitive stress injury - keyboard equivalents for mouse commands, access keys
- * Online student who is deaf - captioned audio from multimedia
- * Accountant who is blind - appropriate table markup and alternative text
- * Student with dyslexia - use of supplemental graphics, freezing animated graphics, multiple search options
- * Retiree with aging-related conditions managing personal finances - screen magnification, stopping scrolling text, avoiding pop-up windows
- * Supermarket assistant with cognitive disability - clear and simple language, consistent design, consistent navigation options, multiple search options
- * Teenager who is deaf and blind seeking entertainment - accessible multimedia, device-independent access, appropriate table markup

from: <http://www.w3.org/WAI/intro/people-use-web>

Accessibility

- ▶ visual disabilities
- ▶ hearing impairments
- ▶ physical disabilities
- ▶ speech disabilities
- ▶ cognitive and neurological disabilities
- ▶ multiple disabilities
- ▶ aging-related conditions

Pick one topic!

Bereitet eine Übung vor!

Zeit: ca. 15 Minuten

Struktur:

- Wie fühlt sich eine Person, wenn sie eine besonders gute/schlechte Webseite besucht? (Beispiele, Experiment)
- Häufige Probleme
- Guidelines
- evtl. Tools zum Testen