

#### THE COGNITIVE ABILITIES OF HUMAN BEINGS

Why Some Things are Just so Darn Hard!

by Janne Jul Jensen *Trifork* 

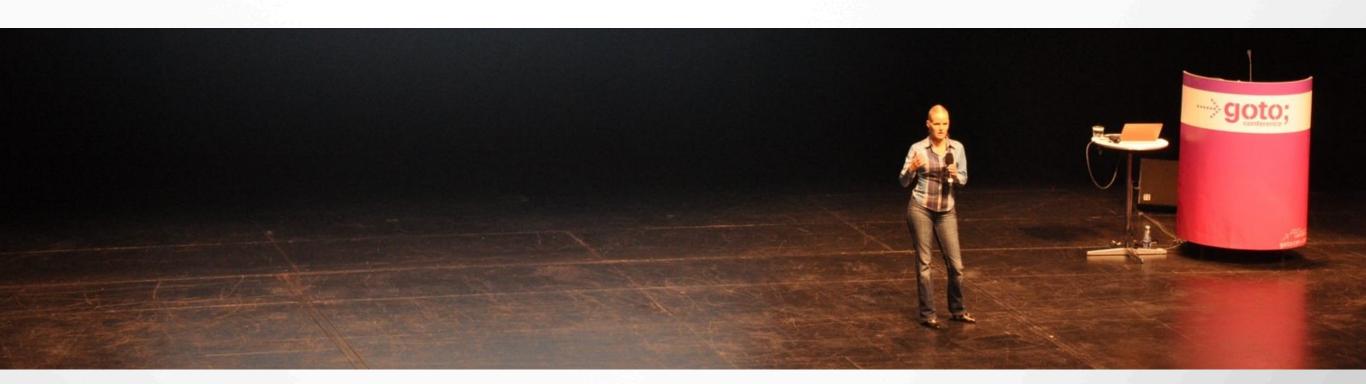
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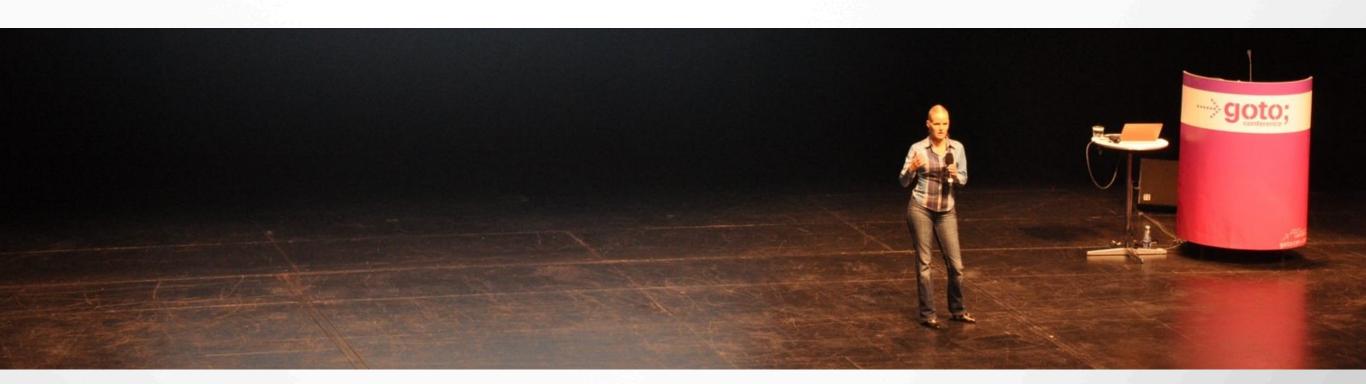
SOFTWARE DEVELOPMENT

CONFERENCE

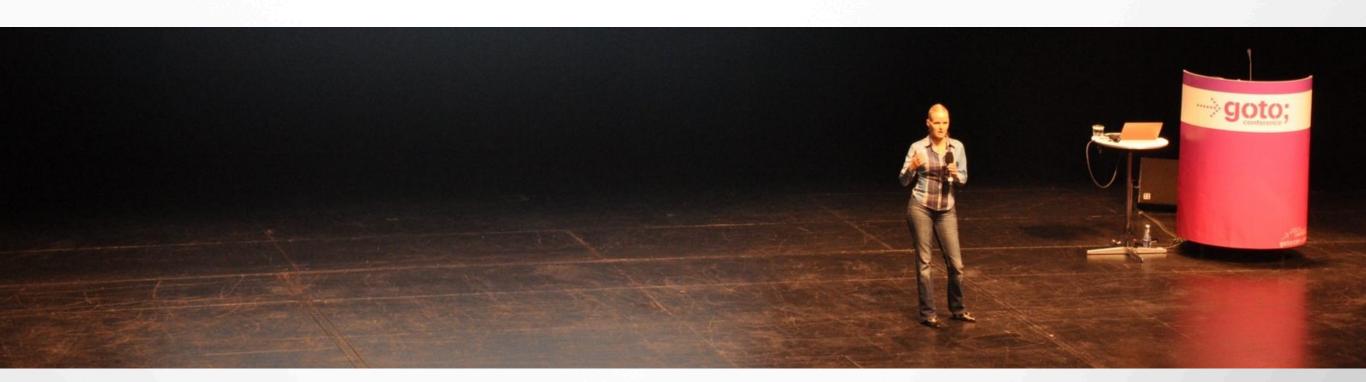
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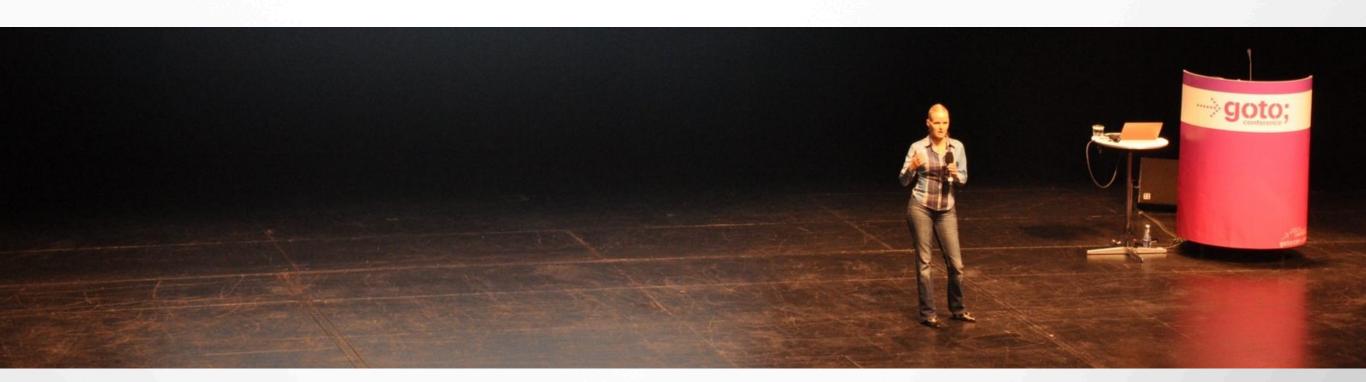
Software Engineer



- Software Engineer
- Researcher



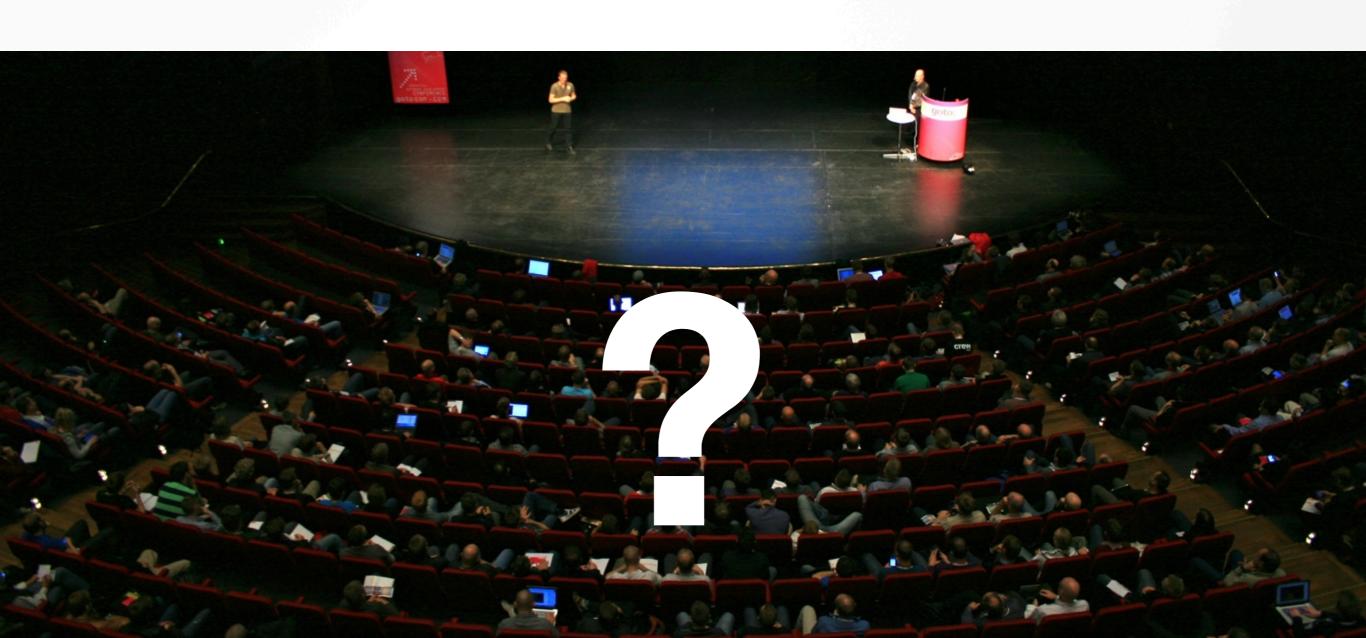
- Software Engineer
- Researcher
- Ph.D.



- Software Engineer
- Researcher
- Ph.D.
- Trifork

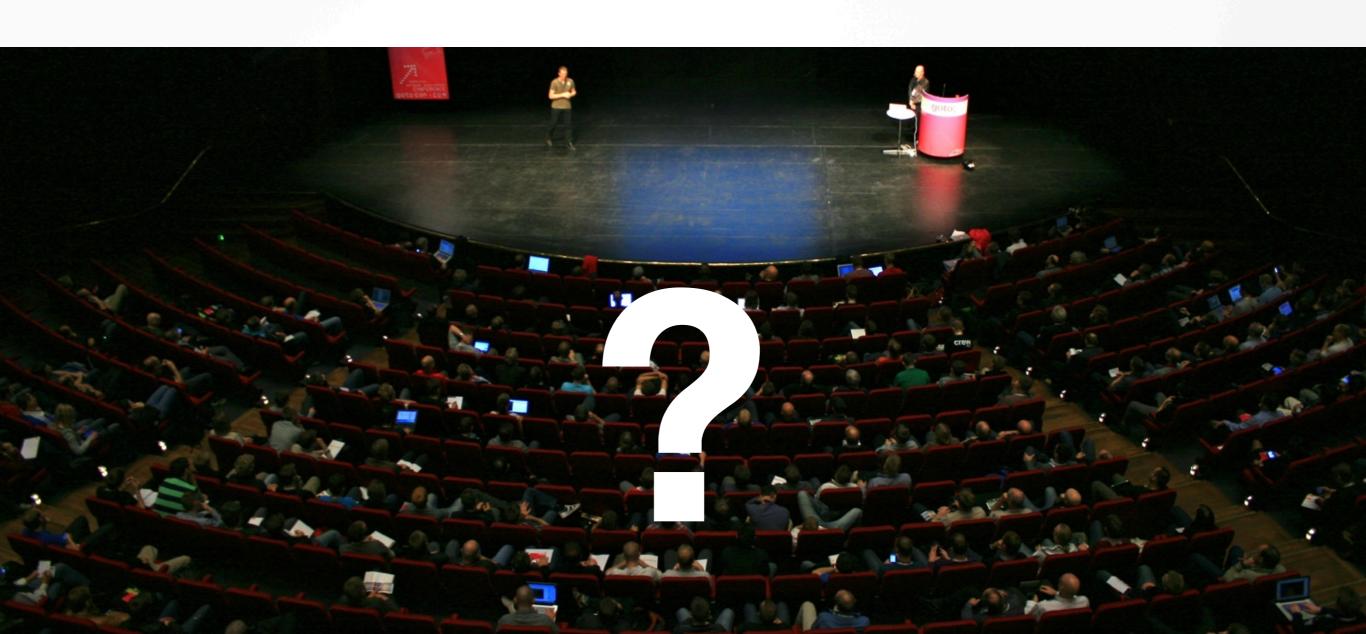


# You?



# You?

What do you do?



## You?

- What do you do?
- Why are you here?



A guy named Miller

A guy named Miller

How a panda becomes a panda

A guy named Miller

How a panda becomes a panda

Screwdrivers









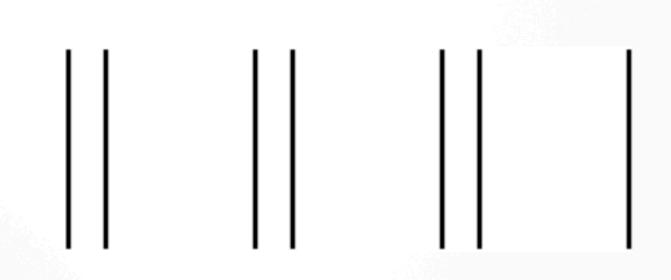
7±2

- 7±2
- Meaningful unit

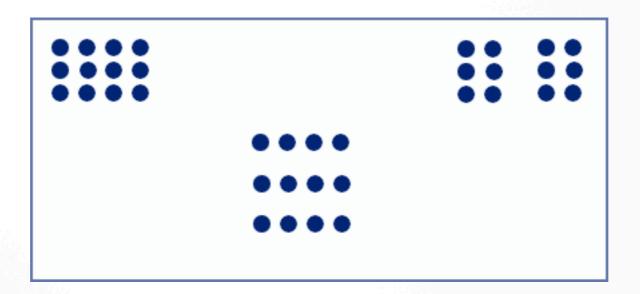
- 7±2
- Meaningful unit
- Short term memory

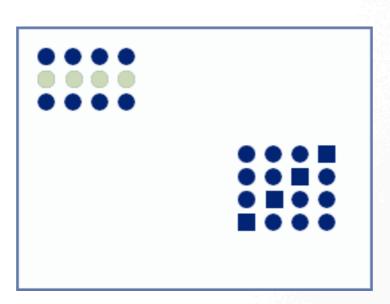
- 7±2
- Meaningful unit
- Short term memory
- Menu points?

- 7±2
- Meaningful unit
- Short term memory
- Menu points?
- Rule of thumb

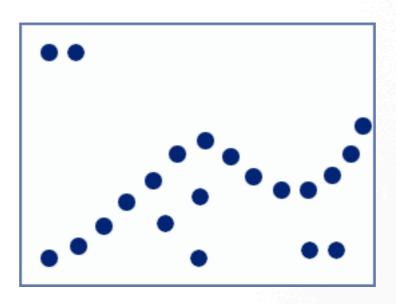




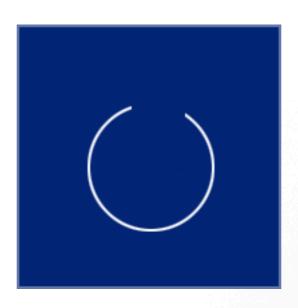




Similarity

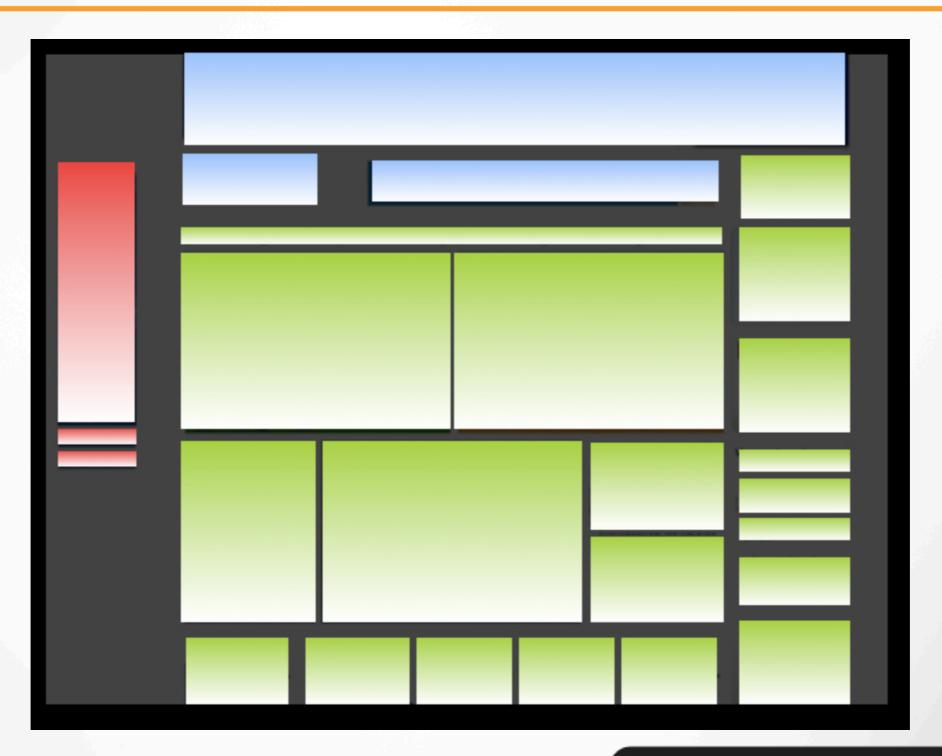


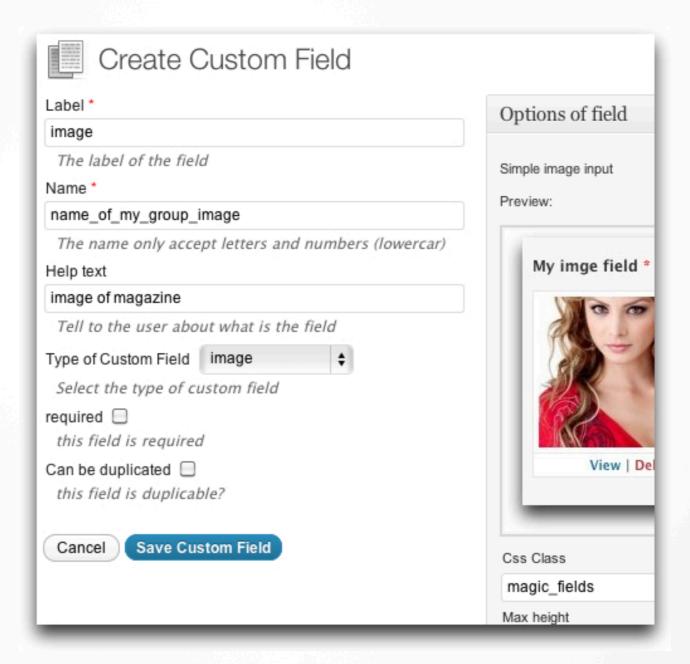
Continuity

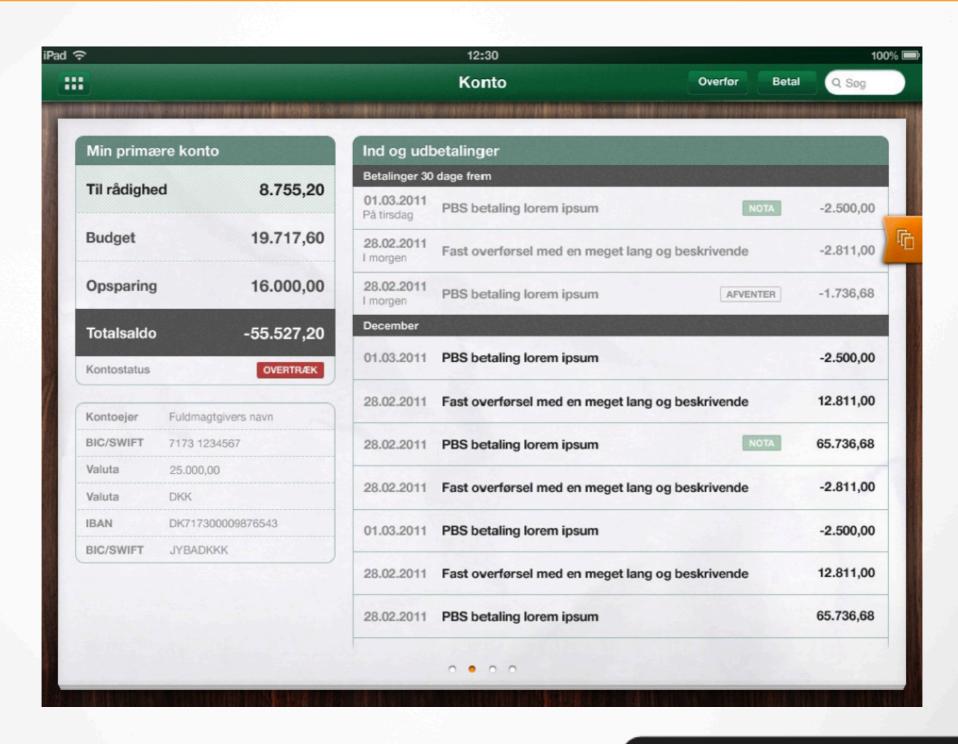


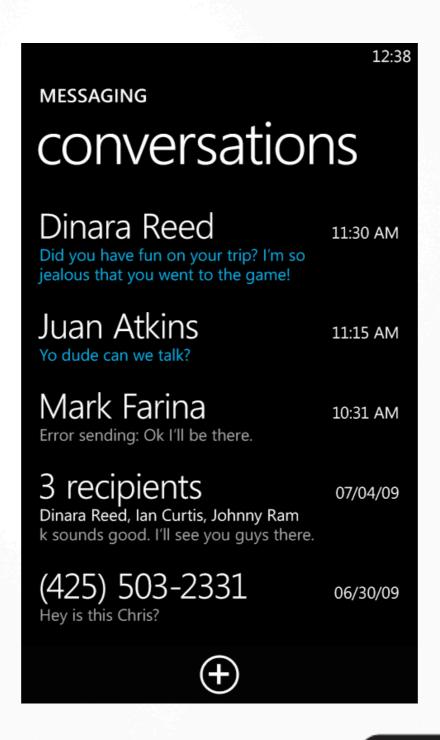
Closure

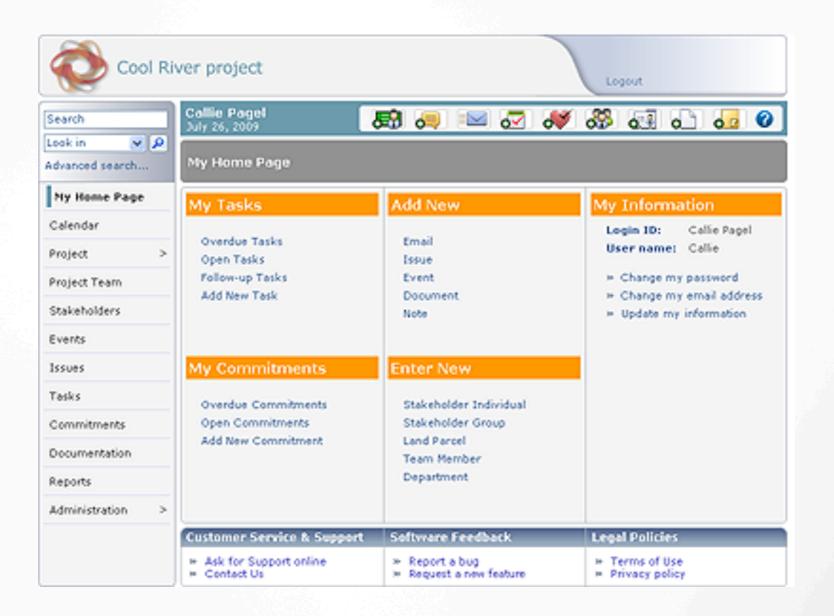




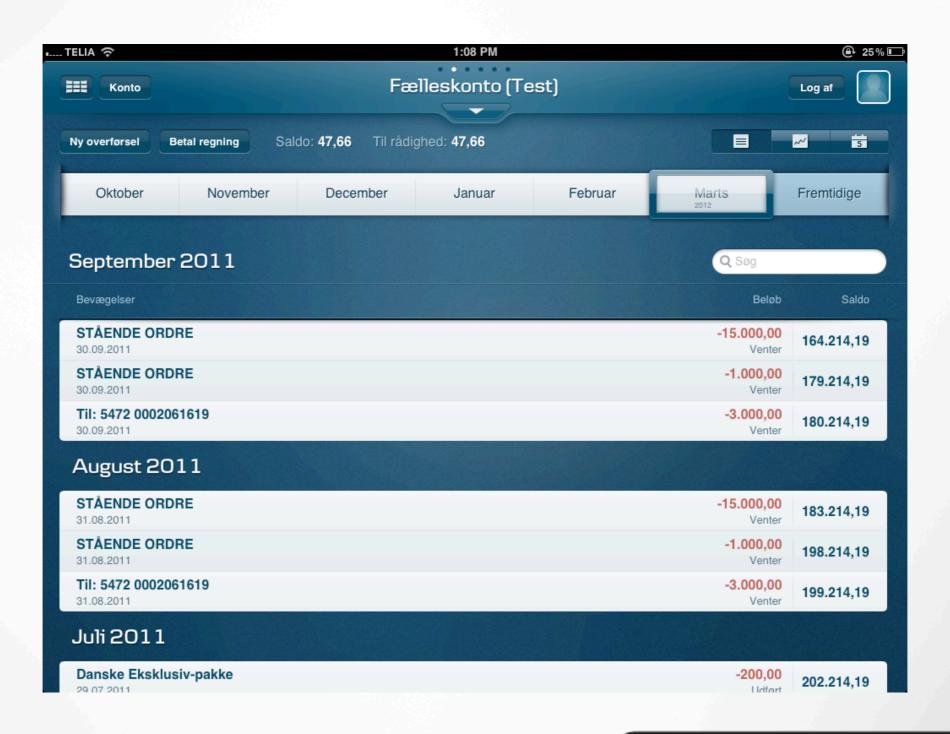


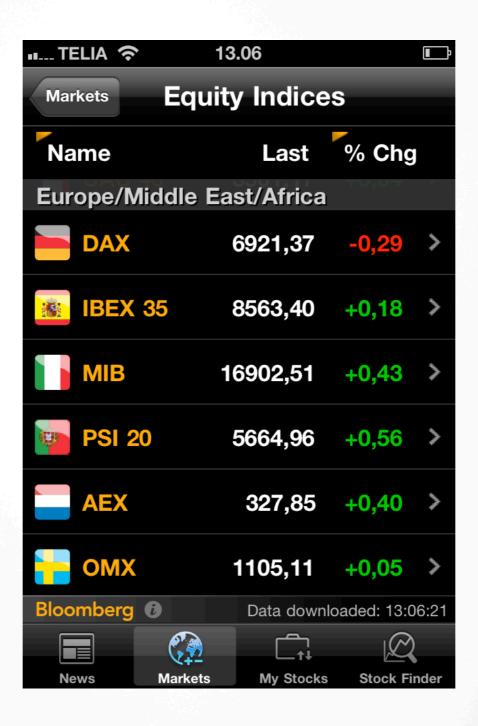










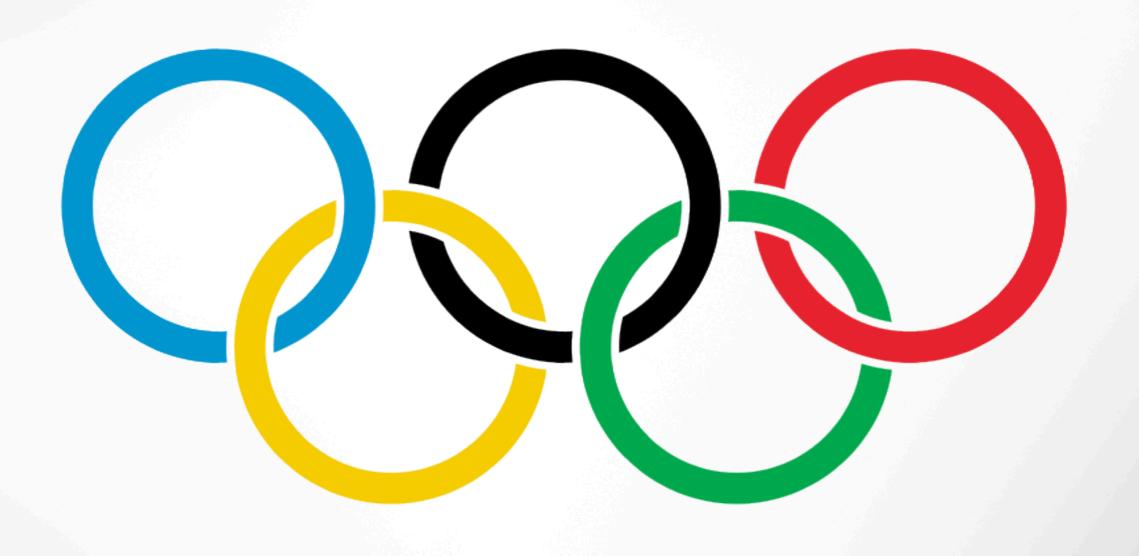




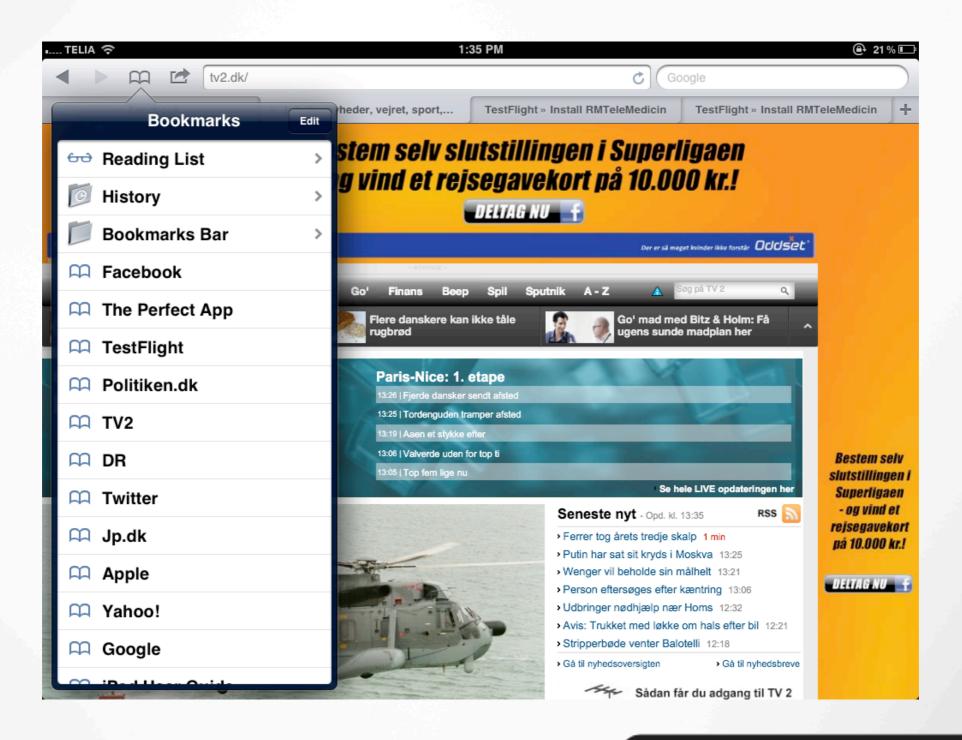
### Continuity

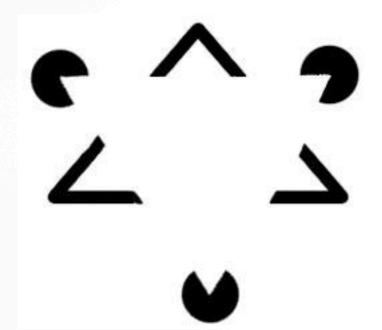


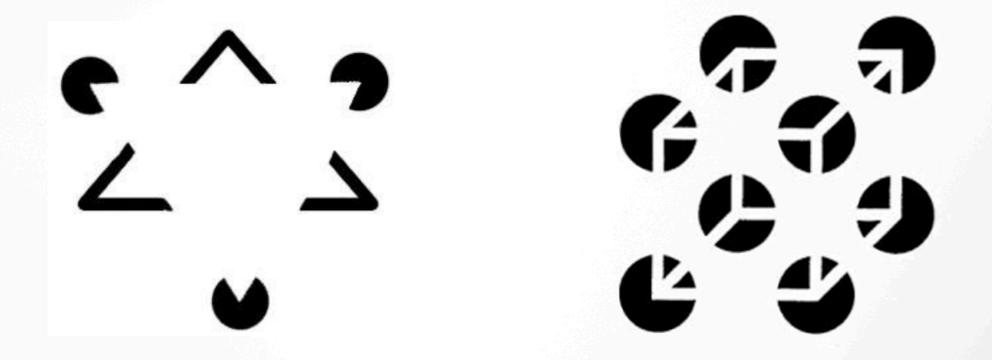
# Continuity

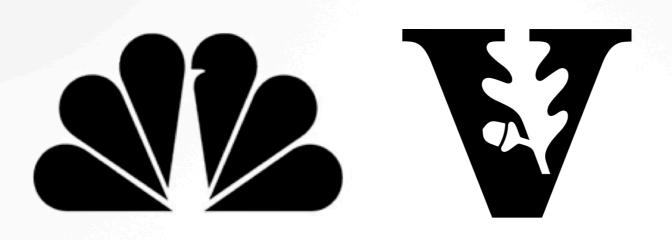


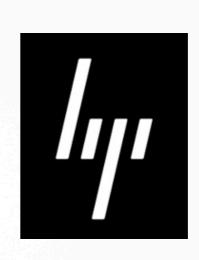
### Continuity



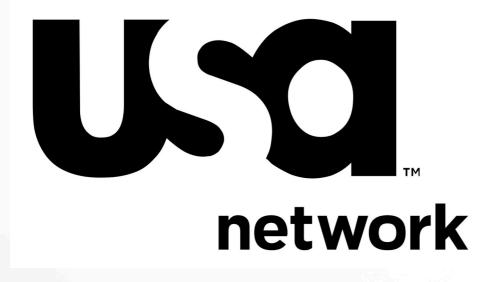












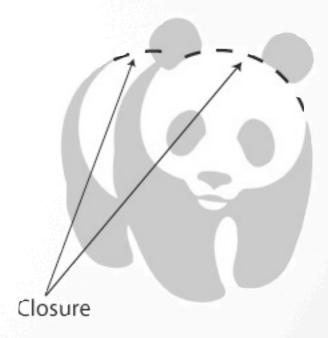




NYNEX









CITY FINAL

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VOL. 32 NO.10

#### **House Passes Trade Bill**



#### Critics Site Troubles for Some **Energy Producers/Manufacturers**

Homeland Ancillary Resource Trade bill yesterday by a narrow margin of a mere six votes. Reviled by critics as the PHART bill, legislation is intended to boost exports of bio-mass and other natural gas technologies to developing countries in an alleged effort to reduce demand for petroleum from conflict areas such as the

The total amount of methane and other volatile energy sources that can be harvested from exported technolo gy is a matter of much debate. The National Energy Bureau published a monograph in 2006 outlining projec tions over the next ten years.

plan, one out of every six Aboriginal could power their homes from PHART gas alone. Projections are even more optimistic in nations hard-Kurdistan where energy for trans- the president said he would only issions of farm animals.



If everything goes according to to the PHART initiative has been less than enthusiastic. When interviewed, portation must be harvested from the embrace PHART technology if it did emissions of farm animals.

In countries where petroleum is fere with his end-of-the-world plans

#### **Twinkleton Caught on Video** with Known Terror Suspects

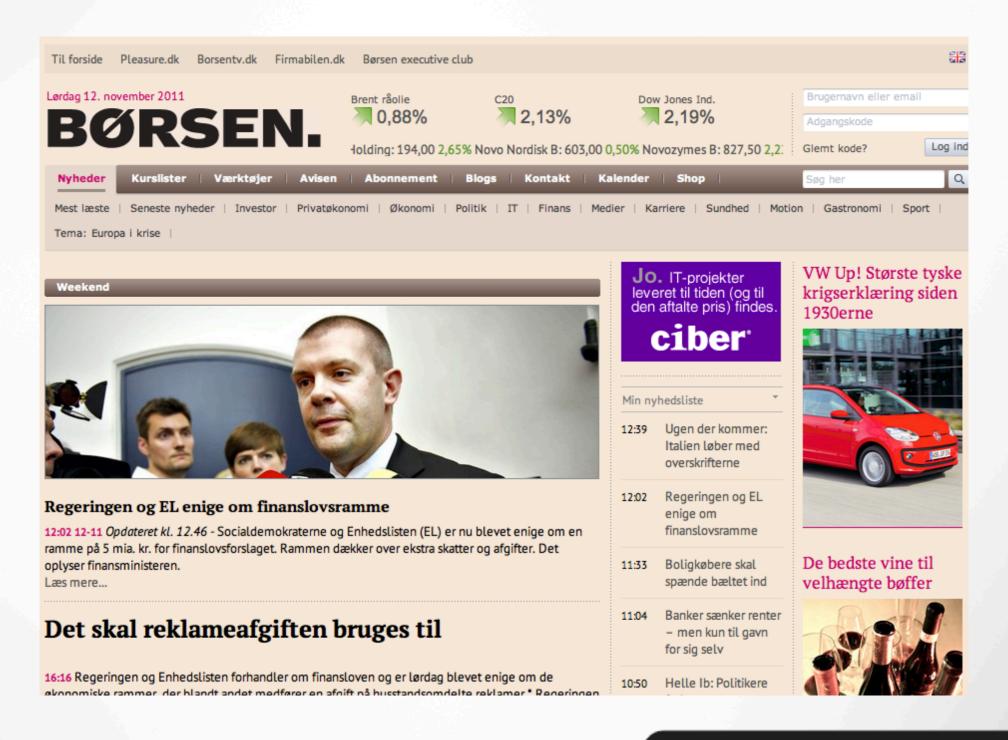
Abu Al Gahrib recorded accepting container suspected of containing C4

FBI agents, CIA operatives, and Homeland Security personnel have been following the notorious accountant Schmendrick Twinkletons for nearly seven years in hopes of finding something to accuse him of. For years, countless wiretaps and video surveillance turned up nothing, until last week when Homeland Security agents finally caught him on video tape eating at a fast food restaurant known as a local hang-out for Al Quada sleeper cells. The unassuming, mild-mannered tax accountant had just finished eating two mo

#### **DFL - GOP Runners Face Off** in National Televised Debate



Presidential hopefuls will field questions from a live audience on network television this



















"Visual assessment of intended use"



























"Visual assessment of possible use"















# When you have a hammer...





# When you have a hammer...





# When you have a hammer...





### When you have a hammer...

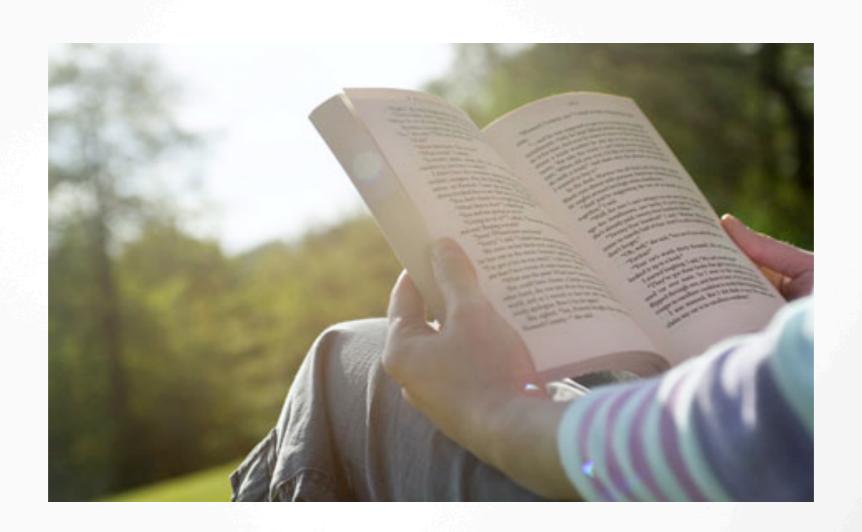




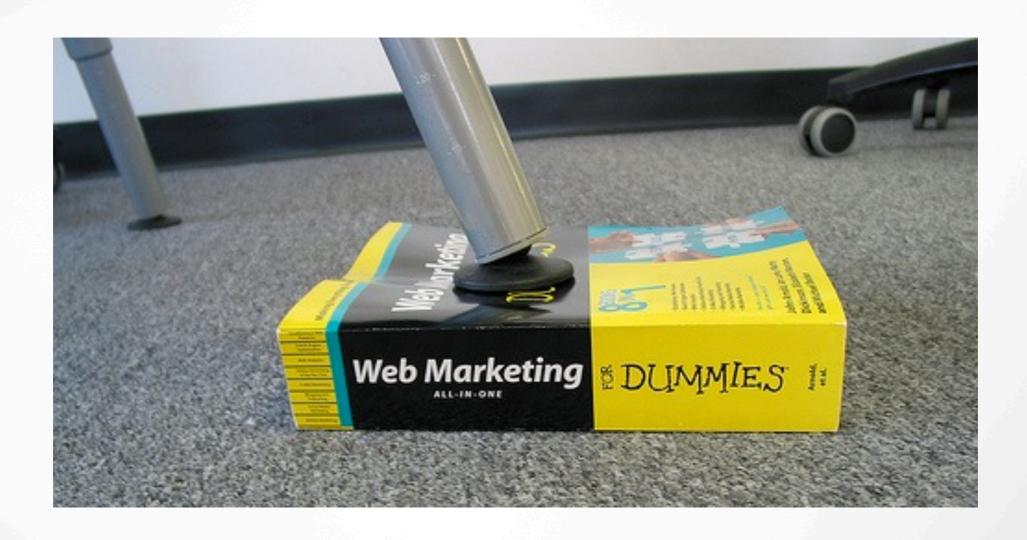
# When you have a hammer...













### Perceived affordance → affordance

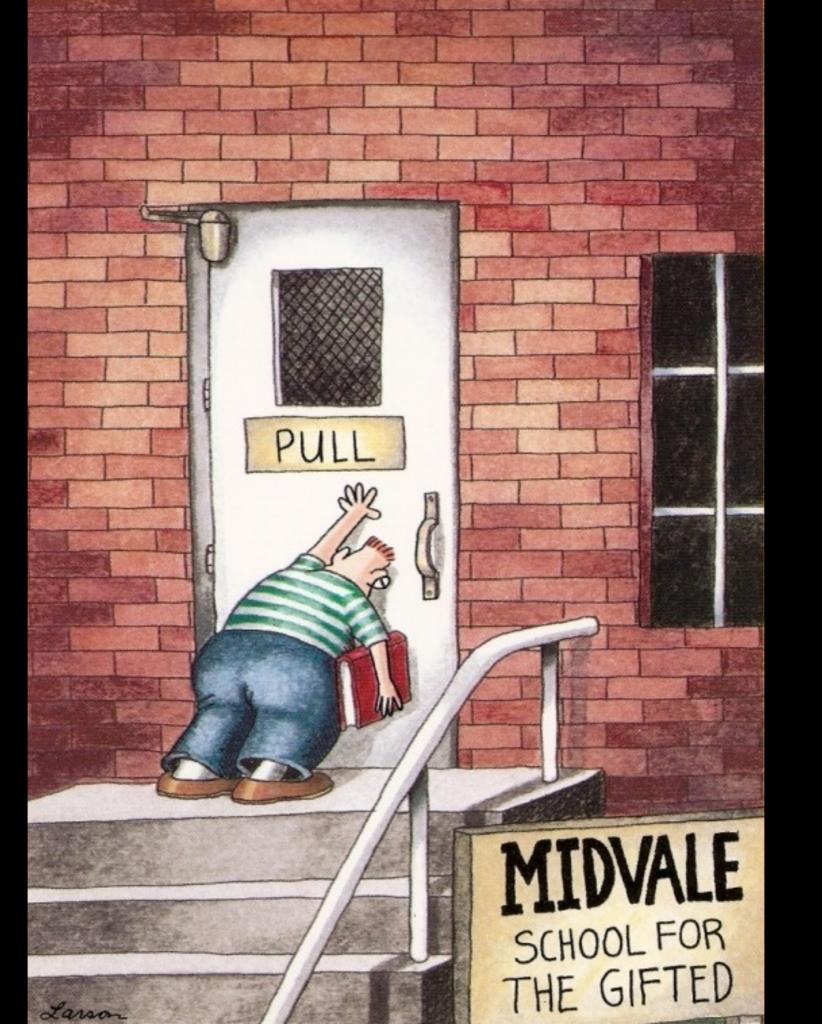


#### Perceived affordance → affordance



### Perceived affordance → affordance





### "Labels!"



## "Bigger labels!"

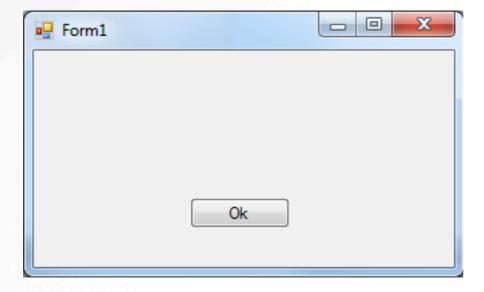


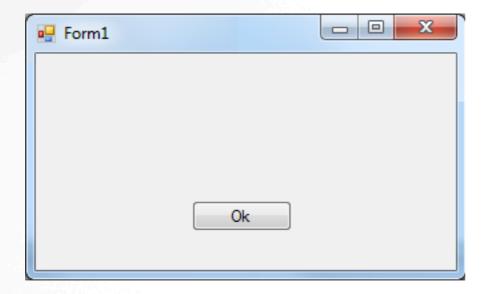


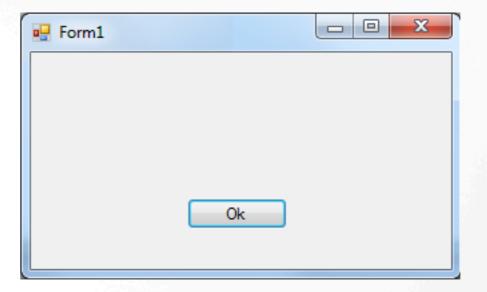
#### Ahhhh.... Much better!

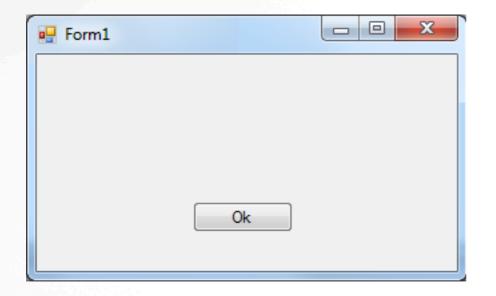


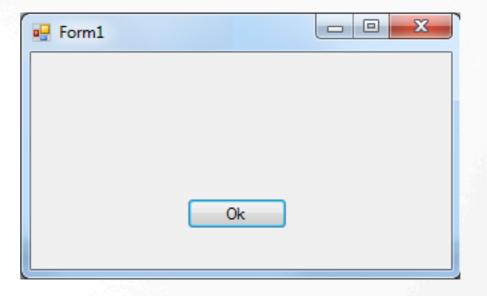


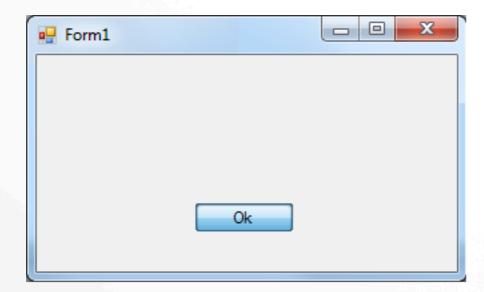


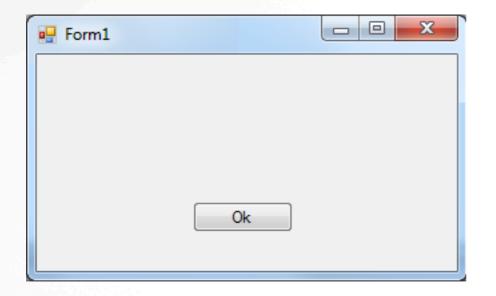


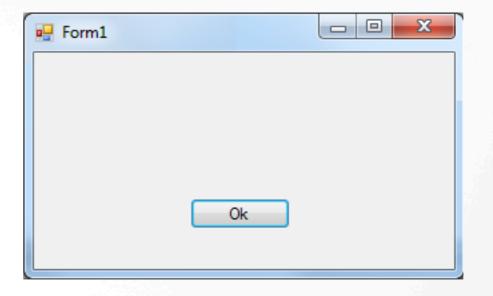


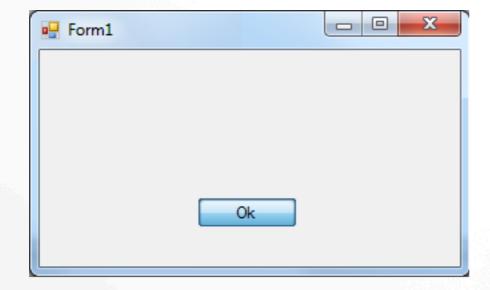


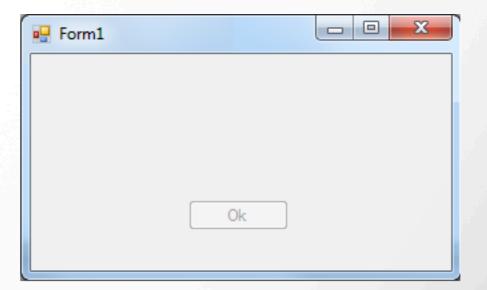


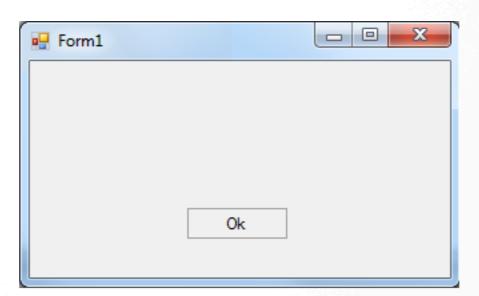












#### In Mobile Software?





#### In Mobile Software?





#### In Mobile Software?





# Thank you for your attention!

# Questions?

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