

Controls

Jon Kolko
Professor, Austin Center for Design

ac4d

Interaction

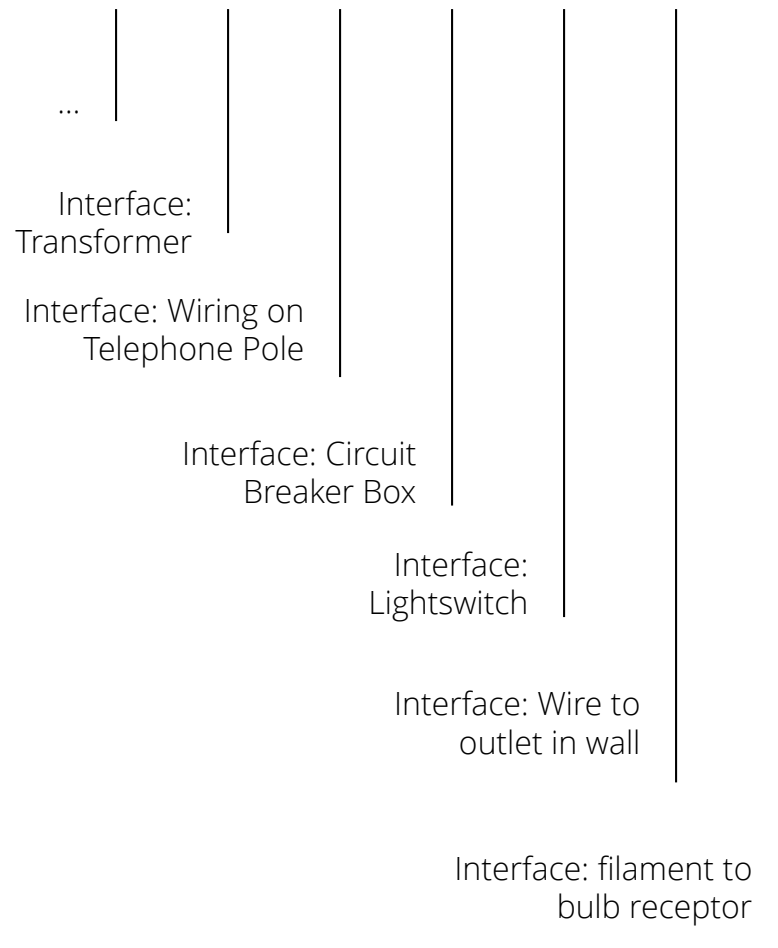
Interface

Control

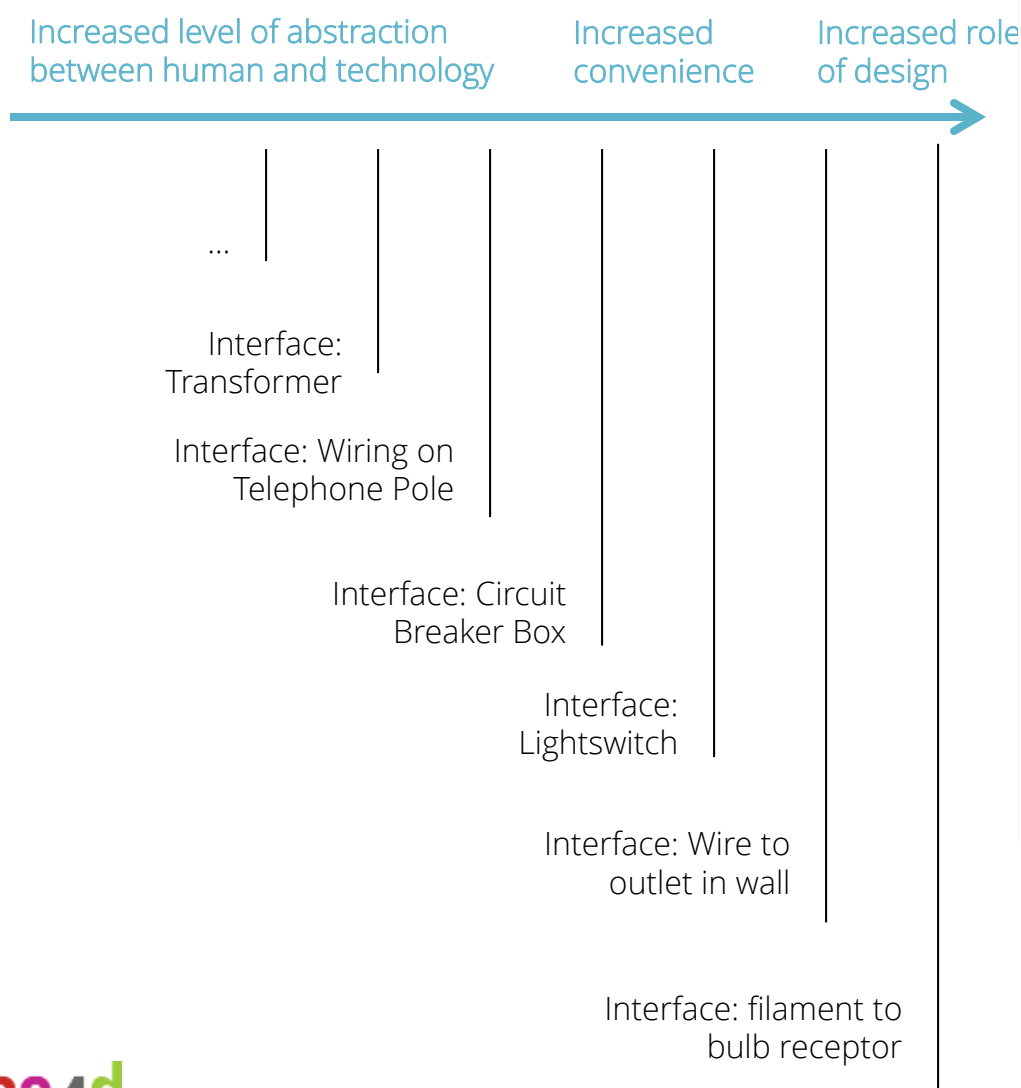
How do you turn on the light?



How do you turn on the light?



How do you turn on the light?



How do you turn on the light?



A control



How do you turn on the light?



A control



A complex system



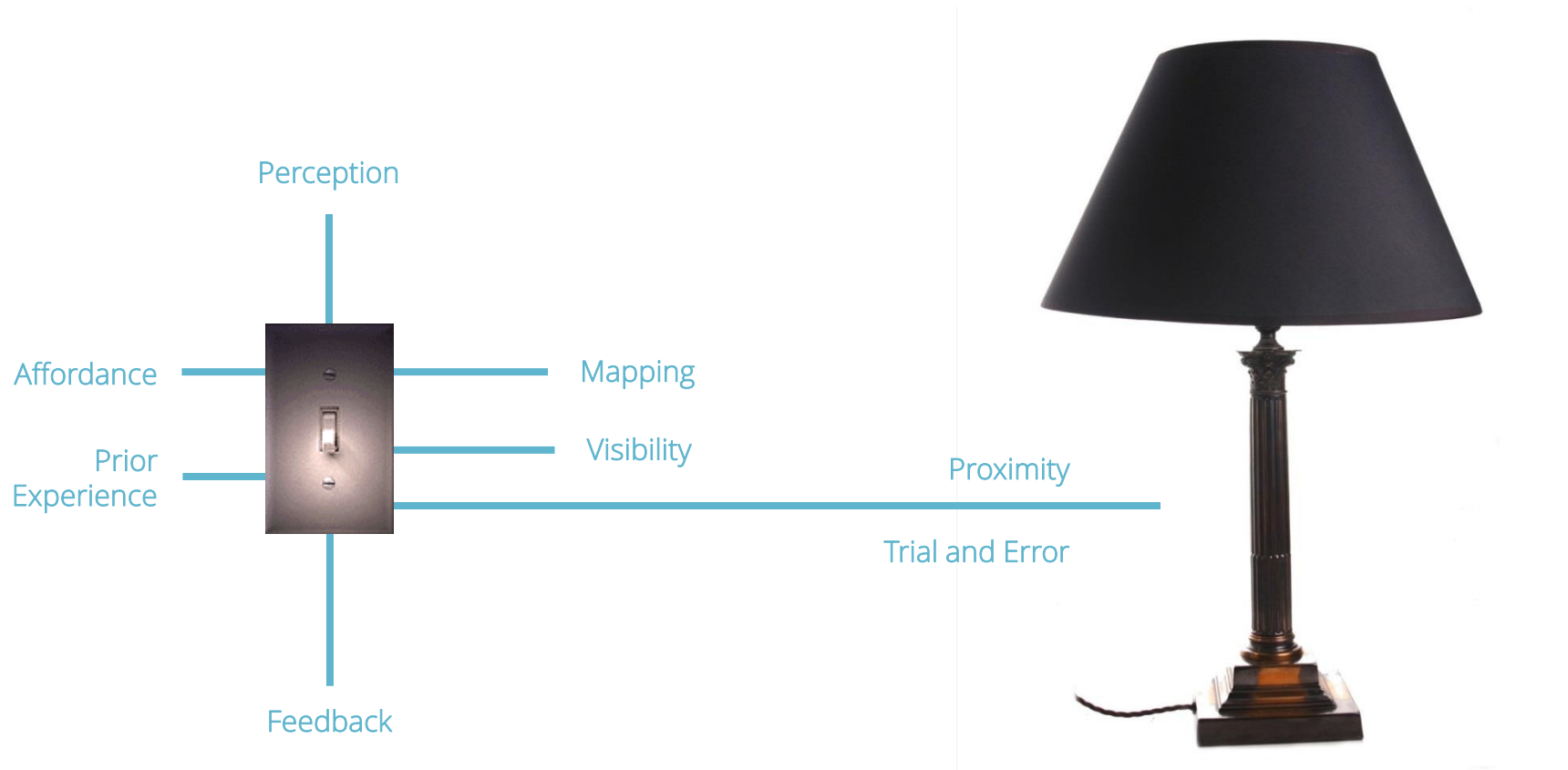
How do you **know how** to turn on the light?



A control



How do you **know how** to turn on the light?



Describe, using this new vocabulary:

Perception
Affordance
Prior Experience
Mapping
Visibility
Proximity
Trial and Error
Feedback



Describe, using this new vocabulary:

Perception
Affordance
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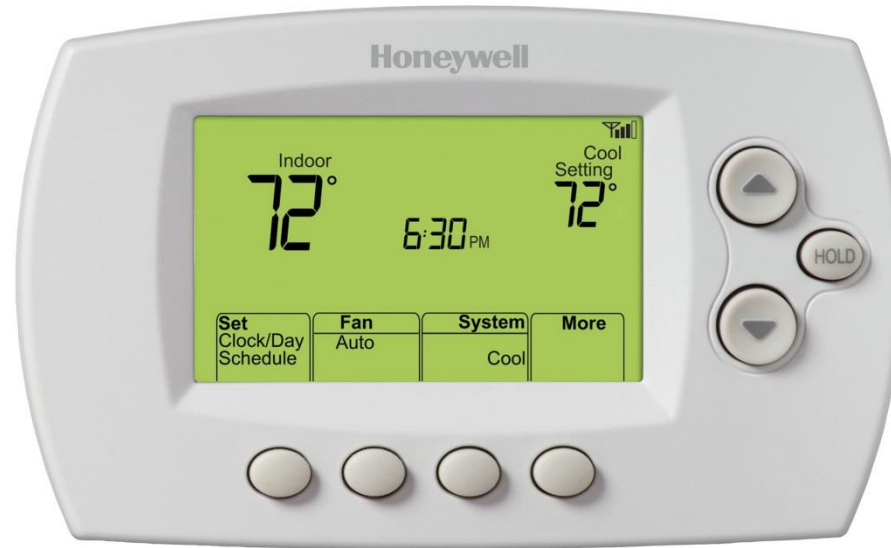
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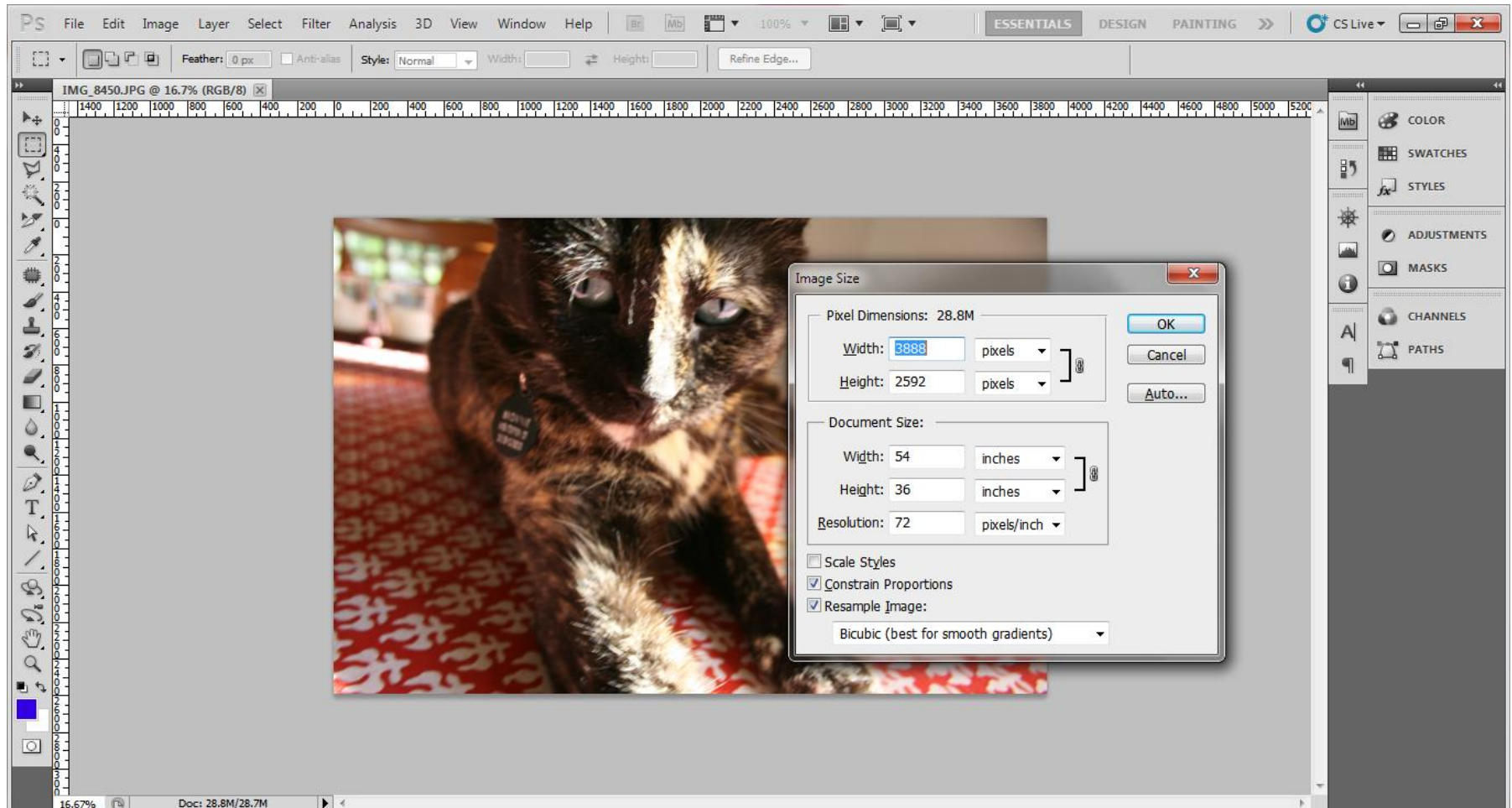


Describe, using this new vocabulary:

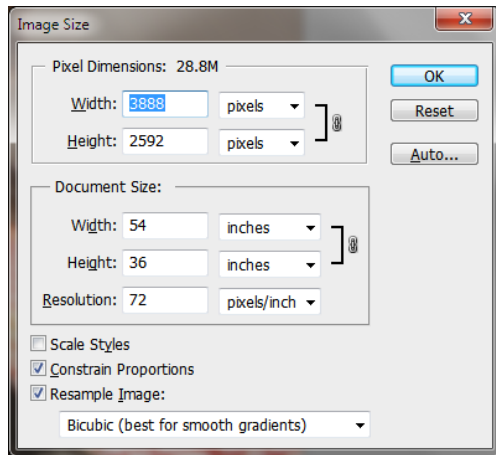
Perception
Affordance
Prior Experience
Mapping
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Feedback



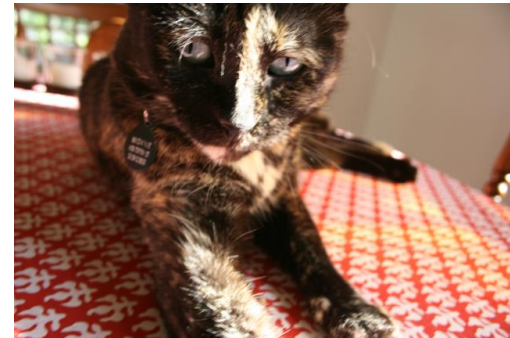
How do you resize this picture?



How do you resize this picture?

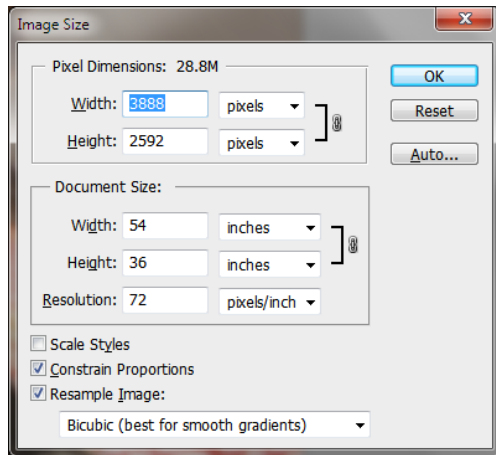


A complex system

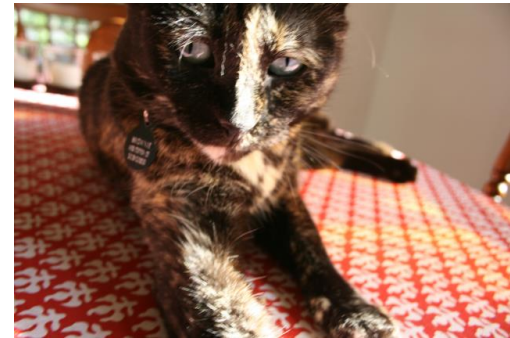


A series of controls, laid out in a form

How do you **know how** to resize the picture?



A complex system



A series of controls, laid out in a form

Interface controls are an abstraction, intended to help us perform “higher level tasks” with minimal errors.

Which is better –
more, or less, abstraction?

Checkbox



Input Box

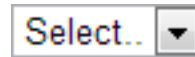
Radio Buttons

- ☒ Thing 1
- ☐ Thing 2

Button



Select Box (Combo Box)



Scrollbar



Dragable Panel



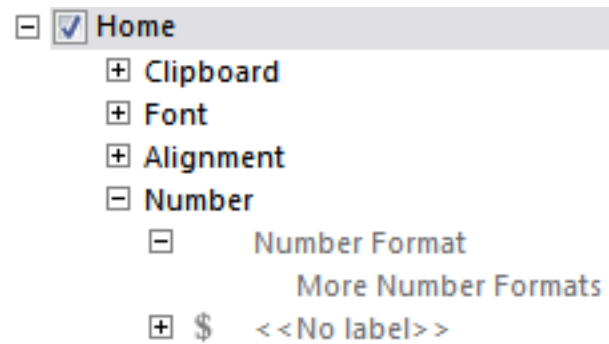
Spinner



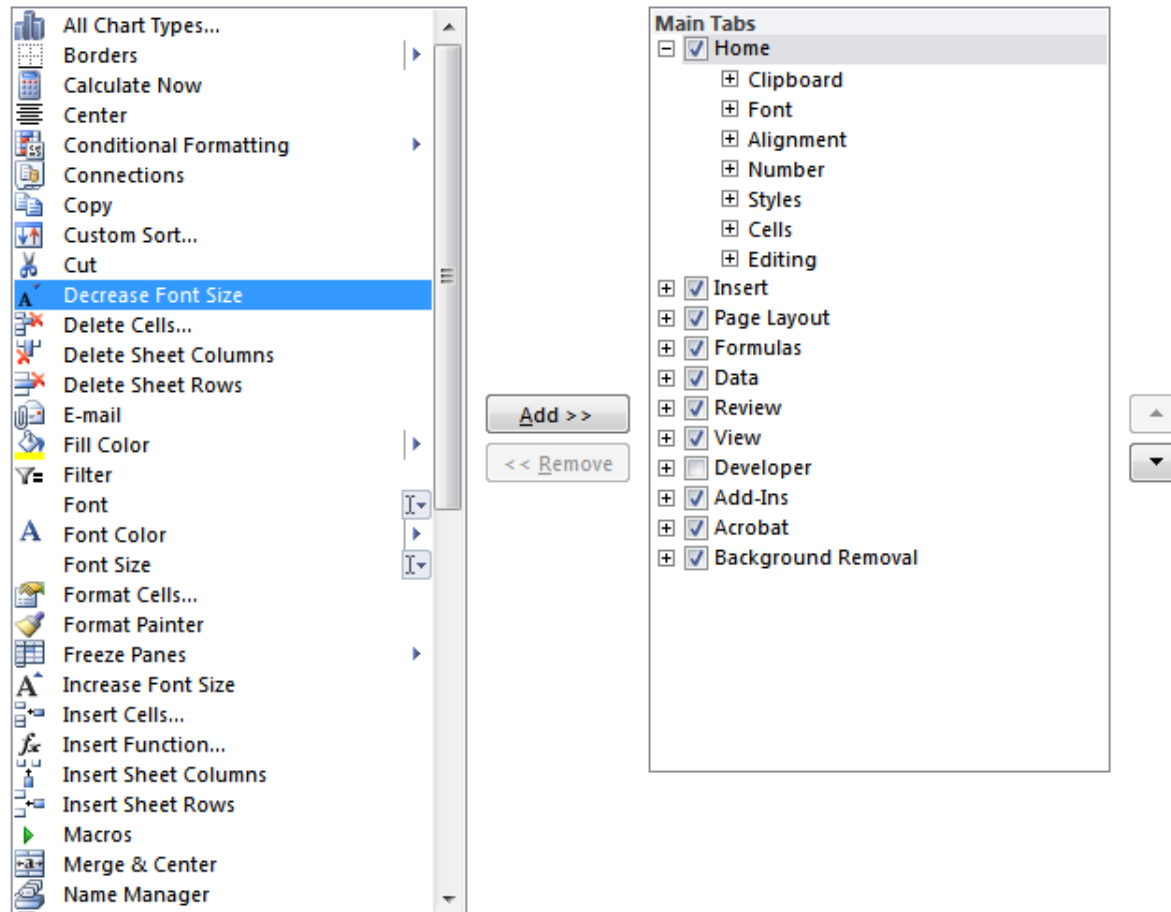
Slider



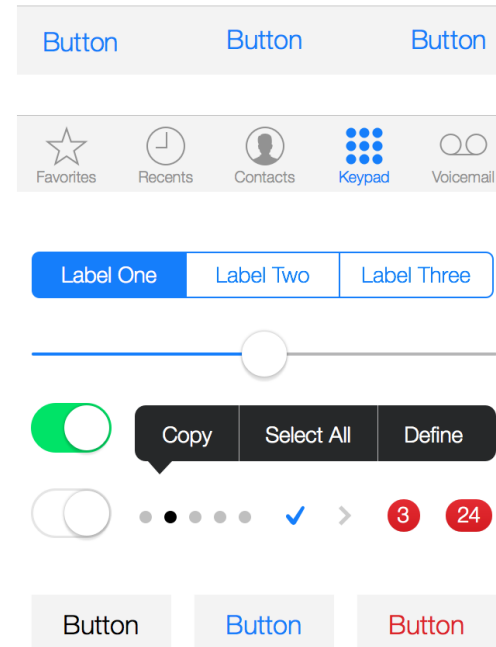
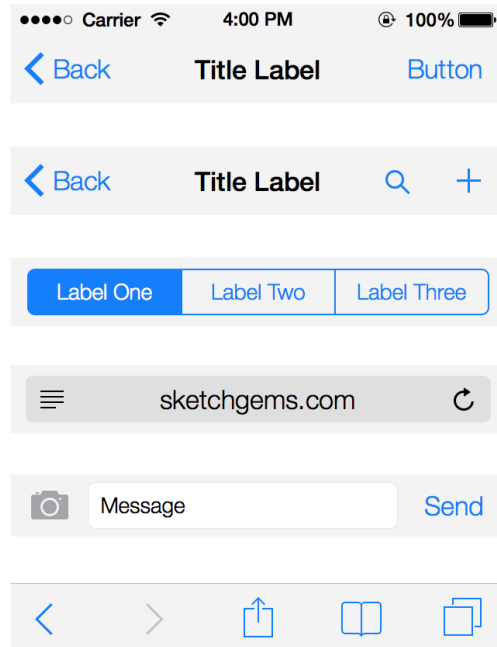
Selection Tree



Add/Remove Panel



Mobile Controls



A form is a combination of interface controls on one or more pages.

Forms are no fun.

General

Proofing

Save

Language

Advanced

Customize Ribbon

Quick Access Toolbar

Add-Ins

Trust Center



Advanced options for working with PowerPoint.

Editing options

- ☒ When selecting, automatically select entire word
- ☒ Allow text to be dragged and dropped

Maximum number of undos: 20

Cut, copy, and paste

- ☒ Use smart cut and paste
- ☒ Show Paste Options button when content is pasted

Image Size and Quality  05.AC4D_IDSE201_Forms.pptx

- ☐ Discard editing data [i](#)
- ☐ Do not compress images in file [i](#)

Set default target output to: 220 ppi

Display

Show this number of Recent Documents: 25 [i](#)

- ☒ Show shortcut keys in ScreenTips
- ☒ Show vertical ruler
- ☐ Disable hardware graphics acceleration

Open all documents using this view The view saved in the file

Slide Show

- ☒ Show menu on right mouse click [i](#)
- ☒ Show popup toolbar [i](#)
- ☒ Prompt to keeep ink annotations when exiting
- ☒ End with black slide

OK

Cancel

Sometimes, forms are
necessary.

Here are the payment methods stored in your Amazon account.

[Manage 1-Click settings](#)

[Edit payment method for a current order](#)

Credit & Debit Cards

Expires

[+ Add credit/debit card](#)

Amazon.com accepts all major credit & debit cards.



Enter your credit card (Step 1 of 2)

Card number

Name on card

Expiration date

09 ▾

2015 ▾

Cancel

Next

Debit Debit Card ending in 9052

04/2019



Name on card

Jon Kolko

Billing address

Jon Kolko

1408 Cotton Street

Austin, tx 78702, US

912-234-5705

Processed as a debit card.

[What's this?](#)

Delete

Edit

Amazon.com Visa Signature ending in 7943
0 points (\$0.00) available

11/2017



Debit Debit Card ending in 9524

08/2017



American Express ending in 1008

01/2018



American Express ending in 1002

06/2016



Checking Accounts

[+ Add checking account](#)

BANK OF AMERICA, NA, TX ending in 76



BANK OF AMERICA, NA, GA ending in 22



Balances

Amazon Gift Cards
[Reload your balance](#) | [Redeem a gift card](#)

\$0.00

Amazon Payments Balance
[A service of Amazon Payments](#)

\$0.00

Limited-time: earn
75,000 bonus miles

Limited-time: earn 75,000 bonus miles

Plus, an Admirals Club membership »



Log In

Join AAdvantage »

6J0M518518

Need your AAdvantage Number?

KOLKO

Password

Need a new password?



Remember me

Log in

Find Flights

My Trips / Check-In

Flight Status

ROUND-TRIP

ONE-WAY

ROUND-TRIP + HOTEL



Redeem Miles

AUS



12/20/2015



Baggage & optional service fees

To



01/05/2016



1 Traveler

Search

Refine your search »



Finland travel policy

Bank of America

Business Online Banking

Jonathan S Kolko | Profile & Settings | Sign Out

How can we help you?

AccountsBill PayTransfersBusiness ServicesSpecial Offers & DealsTools & InvestingOpen an AccountHelp & Support

Between my accounts at Bank of America

Make a Transfer

Transfer Activity

Transfer money between your own Bank of America accounts. Or view/edit your [recurring transfers](#).

From: Transfer money from

To: Transfer money to

Amount: \$

Frequency: One time, immediately

Continue Transfer

Layout, Order, and Arrangement

Welcome to Joe's Widget Store.

About You

First Name:

Last Name:

Email Address:

*

Select a Password:

*

Confirm your
Password:

*

Would you like to subscribe
to our newsletter?

☒

Yes

☐

No

Sign Up

Cancel

Layout, Order, and Arrangement

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About You

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Last Name:

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* Confirm your Password:

Would you like to subscribe to our newsletter?

☒ Yes ☐ No

Sign Up

[Cancel](#)

Layout, Order, and Arrangement

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*

Email Address:

*

Select a Password:

*

Confirm your Password:

Would you like to subscribe to our newsletter?

☒

Yes

☐

No

Sign Up

[Cancel](#)

Padding, Margin, Background Colors, Section Breaks

Welcome to Joe's Widget Store.

About You

First Name:

Last Name:

Email Address:

*

Select a Password:

*

Confirm your
Password:

*

Would you like to subscribe
to our newsletter?

☒

Yes

☐

No

Sign Up

Cancel

Helper Text

Welcome to Joe's Widget Store.

About You

First Name:

Last Name:

Email Address:

*

Select a Password:

*

Confirm your
Password:

*

*Select a password that is 8-12
characters long, and that
you'll remember.*

Would you like to subscribe
to our newsletter?

☒

Yes

☐

No

*We won't send email more than once a
month, we promise!*

Sign Up

[Cancel](#)

Error / Confirmation Messages & Validation

Welcome to Joe's Widget Store.

About You

Email Address is required; please enter a valid email address.

First Name:

Jon

Last Name:

Kolko

Email Address:

*

Select a Password:

*

Select a password that is 8-12 characters long, and that you'll remember.

Confirm your Password:

*

Would you like to subscribe to our newsletter?

☒

Yes

☐

No

We won't send email more than once a month, we promise!

Sign Up

[Cancel](#)

Further Reading

Best Practices for Form Design

http://static.lukew.com/webforms_lukew.pdf

ac4d

Jon Kolko
Director, Austin Center for Design
jkolko@ac4d.com