GUI Bloopers

Graphic Design, Layout, and Web Page/Style Design

Graphic Design and Layout Bloopers

- Once you have GUI controls appropriate for your software you have to decide on:
 - Layout
 - Colors
 - Fonts
- The following bloopers diminish software's perceived quality – it only takes a few to look amateurish and untrustworthy
- Poor graphic design and layout can also decrease user's ability and motivation to absorb the software's content

Blooper 32 : Easily missed information

- Software developers often assume that if information is displayed users will see it. Not so!
- Common flaw: not focusing user's attention
 - People scan for information, left to right, top to bottom
 - Should design for how human perception works
 - Examples users can miss:
 - Status or mode indicators
 - Prompts for input
 - Results
 - Error or status messages
 - Controls

Blooper 32 Examples

Invalid Fin No. Please try again.

 Information too small or not where the user is looking

Pin No Charge w	DUE P.N	
Log	in Cancal	
nt Web application: error message is ea	sy to miss. See it?	
Invalid member name or password.		
Mac login Mac Members Enter your Mac ID (membername@mac.com) and password to log in now.	For your security Please log in. Why is this required?	
Mac login Mac Members Dres your Mar Di formethername@mac.com/ and password to big in now.	For your security Please log in. Why is this required?	
Mac login Mac Members Enter your Mac 10 forembername@mac.com) and password to be in non. Member name [reflayInderoNes.com	For your security Please log in. Why is this required?	

Mac login: error message is easy to miss, even though it is displayed in orange

- Construct a visual hierarchy
 - Organize information displays in hierarchical chunks; users ignore irrelevant chunks and find what they want much faster
- Make important information bigger
- Put important information where the user is looking
 - Center of field, not periphery
- Use color to highlight

Avoiding Blooper 32

- If necessary, use heavy artillery
 - Dialog boxes and pop-ups
 - Impossible to ignore, but it better be important
 - Sound
 - Simple beeps usually sufficient
 - Vibration and animation
 - Peripheral vision for stationary objects is poor, but is very good at noticing movement or changes
 - Distracting if too much; have been abused by web advertisers
 - Make sure animation stops quickly and can be stopped

Blooper 33 : Mixing dialog box control buttons with content control buttons

- This happens when you add new buttons to the standard "OK", "Apply", "Close", "Cancel" buttons
- Everything OK here?



Align Buttons To Controls

- It can be hard to see the connection between the new buttons and data
- Make functions clear by separating content control buttons from window control buttons

Investor: Edi	t Stock Tracking List	
Available: ASE Trst Accel ActVoic Adaptec AerialC AppleC ATT Avert BOK BnkPlus BestSft Comdial	Add → Chosen: ATT HWP Orcl SunW SWA	
	OK Cancel H	Help

Blooper 34 : Misusing Group Boxes

- Group boxes put a visible border around related controls and have a slot for a label
- Serve no purpose around one setting; in this case a simple label is better.

Font Family	Bookmarks
Helvetica 🔻	USPS Zipcode Locator
Name	IETF Netiquette Guidelines CPSR.org www.uiwizards.com Whitehouse.gov MegaTech Customer Support Bay Area Highway Conditions Travel.com
CRITICAL	_

Blooper 35: Radio Buttons too far apart

 Related radio buttons should be grouped closely together

Display:	Summa	ry O Detail		
Cheese Meat: Spiciness: Crust:	 Mozzarella Sausage Mild Whole Wheat 	 Jack Ham Medium White 	 Swiss Pepperoni Hot Sourdough 	

Improved Spacing



Blooper 35 Examples

Add	Remove			installation action
0	۰	3ds max 6	application	install
0	۰	3ds max 6	documentation	install
0	٠	3ds max 6	samples	install
0	٠	3ds max 6	architectural materials	install
•	٠	3ds max 6	SDK	remain uninstalled
0	۰	character s	studio 4.2	install
cor	npone	nt descripti	on	
C O l' Move comp desc	npone the mous conents at ription	nt descripti se over each of the bove for a detailed	on e	
COľ Move comp desc	npone the mous ponents at ription	nt descripti se over each of the bove for a detailed	on e	

Discreet installer wizard: radio buttons appear grouped in columns rather than in the intended rows.

Blooper 36 : Labels too far from data fields

- Sometimes GUI's are developed where the label is placed too far from the control it describes
 - Common in automatic layouts where size is dictated by the largest field or screen width

Your name:	
E-mail address:	
Zipcode (if applicable):	
How you heard of us:	Choose
Username:	
Password:	
Re-type your password:	
Password hint (this will be sent to you if you forget your password):	
Would you like to receive the quarterly IOBABooks.com newsletter?	
Already have a IOBABooks.com account?	Create Account

Blooper 36 Example

1b. Did the Social Security Admir	istration	issue this SSN to	you? <u>He</u>	uln .	⊖Yes ⊖N
Date of Birth			3	Gender	
(mm/dd/yyyy)				O Female O Male	
Claimant Name,					
An Einst Marcon	4b.	Middle Initial	4c. Las	ut Name	
Ha. Prist Name					
Is this the name that appears on y	our socia	al security card?			O Yes ON
Is this the name that appears on y	our socia	al security card?	security o	ard.	⊖Yes ⊝N
Is this the name that appears on y If No, please provide the name that Sa. First Name	our socia It appear 5b.	s on your social Middle Initial	security o 5c. Las	ard. It Name	⊖Yes ⊝N
Is this the name that appears on y If No, please provide the name the Sa. First Name	oursocia Itappear 5b.	s on your social Middle Initial	security o 5c. Las	and. It Name	⊖ Yes ⊖ N
Is this the name that appears on y If No, please provide the name that Sa. First Name If you have used any other Cocial	our socia It appear 5b. Security	s on your social Middle Initial	security o 5c. Las	ard. It Name	⊖ Yes ⊖ N
Is this the name that appears on y If No, please provide the name that Sa. First Name If you have used any other Social Ba. 6b.	our socia It appear 5b. Gecurity	si security card? Is on your social Middle Initial	security o 5c. Las	ard. It Name	⊖ Yes ⊝ N
Is this the name that appears on y If No, please provide the name that 5a. First Name If you have used any other Bocial 6a. 6b. If you have used any other name	our socia It appear 5b. Security , please	s on your social Middle Initial Numbers, please	security o 50. Las	ard. It Name	⊖ Yes ⊖ N

CA.gov unemployment insurance form: "Yes"/"No" radio buttons are too far from their labels.

Blooper 36 Example

 Variation: labels closer to other settings than their own

City	State select 2IP -
LLBean.com: State a	nd ZIP labels closer to previous data field than to their own.

LLBean.com: hypothetical label components inverted to show their full width.

Avoiding Blooper 36

- Don't attach labels and data fields to opposite edges of a form or control panel
- Don't allow a few long labels to dictate the alignment of the entire form
- Labels should be closer to their own field than to other fields
- Put labels above fields

Title*	First name*	Middle initial Last name*
Address*	Home Busin	ess
Street add	dress*	
-		
City*		
State/orea	ut. Doctol codet	Country*
State/pro		United States
Phone* 6	required for USA	Canada
Country o	ode* Telephone*	
001	()	• Ext.
Birthdate	(optional)	
Month	Day Y	About birthdate

United.com: labels above fields.

Blooper 37 : Inconsistent Label Alignment

- Labels should be consistent in where they are placed throughout the application
- Extreme case:

Repeat	weekly
Until	2/4/2004

Blooper 38: Poor Window Location

- Where should an application's windows first appear?
- Heuristics:
 - On-screen
 - Staggered
 - No occlusion



Blooper 39: Tray forts

- Lots of people with impaired vision can't read small fonts
 - Includes old folks over 45



MinneapolisFed.org: tiny, nonadjustable fonts in navigation bar.



Blooper Bonus: Un-Natural Order

• Avoid the "random" layout

Create Book Order	•
Auto-Submit	Help
Retailer:	Publisher:
Cover: Hard Soft	Target Delivery Date:
Quantity:	Expected Discount:
ISBN#:	Title:
Notes:	
Author:	Employee:
	Save Order Cancel

Add proper tab stops, but also reorganize layout

Website Interface Design Tips

- Build Navigational aids.
 - Navigation bars, frames
 - Critical for giving user a sense of where they are
 - Must provide context, e.g. bar with page headers
 - User shouldn't have to go "back" to figure this out
- Avoid dead-end pages
- Keep download time short
 - Frustration after 10 seconds
- Consistency!
 - E.g., keep "home" button in the same place, don't change link colors
 - Simplicity often appreciated
- Offer feedback
- Design for the disabled
 - ALT tags
 - E.g., modem user might disable graphics
 - Use elements as designed
 - E.g. don't use blank GIF as a spacer

Top Ten Mistakes

- Jakob Nielsen's top design mistakes
- 1. Using Frames
- 2. Gratuitous use of bleeding-edge technology
- 3. Scrolling text, marquees, and constantly running animations
- 4. Complex URLs
- 5. Orphan pages
- 6. Long, scrolling pages
- 7. Lack of navigation support
- 8. Non-standard link colors
- 9. Outdated information
- 10. Overly long download times

GUI Bloopers

Interaction Bloopers

Interaction Bloopers

- More important than GUI control, navigation, text, and graphic design/layout bloopers:
 - Larger in scope, often generalizations of specific look-and-feel bloopers
 - Harder to identify
 - Harder to avoid
 - Often a result of decisions made in the bowels of implementation
 - Harder to correct

Blooper 40: Exposing implementation to users

- Users should not be subjected to internal implementation details when they are contrary to their working model
- Examples:
 - Speed in a game a setting from 1 to 10
 - Expect 10 to be fast and 1 to be slow, but it was the opposite
 - Delay loop for the setting's number of times
 - Limits on data sizes to "weird" numbers
 - 16, 32, 64, 128, etc.
 - Most people would prefer 10, 100, 1000, etc.
- Design for the convenience of users, not developers

Blooper 40 Example

• X values of graphs convenient for developers (intervals of max/10) but not for users



- Focus the user interface strictly on the tasks
 - Design the UI according to a conceptual model that includes only objects, actions, and attributes from the app's target tasks
- Design for the convenience of users, not developers
 - Requires extra work for the developers, but hopefully they take pride in making software that is easy to use!

Blooper 41: Needless restrictions

• Needless restrictions, like unnatural actions, are hard to learn, easy to forget, and annoying



Why is Rumpelstiltskin too long? Probably some arbitrary database limitation, perhaps set to 10 characters.

More common limitations would be some power of 2; e.g. 32 or 64 char limit

Blooper 41 Examples

e.	é	Excel	File	Edit	View	Insert	Format	Тоо	ls Data	a Window	v Help
0	Ð	to 🛛	10	p là	26	1	10.	01.	$\Sigma \cdot f_{\lambda}$	AU ZU	R S
0	IQ2		• ×	/	=						
T	ЭС	0				Da	aily Sales.	xls			
<	>	IQ	IR		IS	IT		IU	IV		
1		8-Sep	9	-Sep	10-Se	p 1	1-Sep	12-Seg	o 13	Sep	
	2		1			3					
	3		T	1					1		
	1					_					
1	5										

Microsoft Excel: 256-column limit is artificial and prevents creation of useful spreadsheets.



Microsoft Excel: blocks opening two files with same name.

Avoiding Blooper 41

- Don't impose numerical limits, if possible
 Use dynamic allocation of storage
- Use powers of 10 not powers of 2

	256 Colors	
-	Thousands	
Colors	✓ Millions	

MacOS X: higher "number of colors" options expressed as powers of 10.

Blooper 42: Confusable Concepts

- One way an app's conceptual model can be confusing is to include concepts that overlap in meaning or function
- E.g. website that allows people to look for a home by: (a) town (b) location on a map
 - Users had to choose one or the other but users missed the artificial distinction since both are "by location"

Blooper 42 Example



Apple .Mac.com online service: two different "home" pages.

Blooper 43 : Asking users for unneeded data

- This is a sure way to annoy users
- Variations:
 - We forgot, tell us again
 - Unnecessary questions
 - Requiring data that should be optional
 - Requiring repeated logins in a session

Blooper 43 Example

	ncher						Delete this FareWatch ^{ISM} >
0 Wate	ch far	es for this cit	y pair				
From:	San	Francisco,	CA	To:	Nairobi,	Kenya	
] Simi	lar Ci	ties					ŧ
e found me	ore than	one location that m	atches the n	ame you	u gave.		
AIROB	, KEN	A has the follo	wing clos	se mat	ches. Please :	elect one.	
NAIROBI	, KEN Kenya (/A has the follo NBO)	wing clo	so mat	ches. Please :	elect one.	Nairobi Wilson, Kenya (WIL)
NAIROBI Nairobi,	, KEN' Kenya ((A has the follo NBO)	wing clo	se mat	ches. Please :	elect one.	Nairobi Wilson, Kenya (WIL)
NAIROBI Nairobi, e found me	, KEN Kenya (ore than	(A has the follo NBO) one location that m	wing closes	so mat	ches. Please : 1 gave.	select one.	Nairobi Wilson, Kenya (WIL)
NAIROBI Nairobi, e found me NEW YO	, KEN Kenya (ore than RK, NY	(A has the folic NBO) one location that m (has the folicow	wing close	se mat emeyou e matci	ches. Please a gave. nes. Please se	elect one.	Nairobi Wilson, Kenya (WIL)
NAIROE Nairobi, e found me NEW YO New Yer	, KEN Kenya (ore than RK, NY k, NY (N	(A has the folic NBO) one location that m (has the folicow YC)	wing close	se mat ameyou e matci	ches. Please a gave. nes. Please se	elect one.	Nairobi Wilson, Kenya (WiL)
NAIROBI Nairobi, e found me NEW YO New Yer	, KEN Kenya (ore than RK, NY k, NY (N k-Kenne	(A has the folic NBC) one location that m (has the folicow YC) Ndy, NY (JFK)	wing close	so mat ame you a match	ches. Please s Igave. res. Please se	elect one.	Nairobi Wilson, Kenya (WiL)
NAIROBI Nairobi, e found me NEW YO New Yer New Yer	, KEN Kenya (ore than RK, NY k, NY (N k-Kenne ains, NY	(A has the folic NBO) one location that m f has the folicow YC) bdy, NY (JFK) ((HPN)	wing close	so mat ame you e match	ches. Please s J gave. nes. Please se	elect one.	Nairobi Wilson, Kenya (WiL) New Yerk LaGuardia, NY (LGA) Newark, NJ (EWR) Long laland MacArthur, NY (ISP
NAIROBI Nairobi, e found me NEW YO New Yer New Yer White Pl	, KEN Kenya (ore than RK, NY k, NY (N k-Kenne ains, NY gh/Stow	(A has the folic NBO) one location that m f has the folicw YC) ody, NY (JFK) ((HPN) art, NY (SWF)	wing olos atches the n	so mat ame you a match	ches. Please : J gave. 165. Please se	elect one.	Nairobi Wilson, Kenya (WIL) New Yerk: LaGuardia, NY (LGA) Newark, NJ (EVR) Long Island MacArthur, NY (ISP

Travelocity.com: requires user to disambiguate airports every time the FareWatcher is updated.

Blooper 43 Example



EDD.CA.gov: form asks user for data that could be deduced.

Blooper 43 Example

please select		٠						
Comments:						-		
What area of our site is t	his feedback	about?						
please select								
For comments about a s	pecific web p	age, broken l	link, or web	performar	nce, pleas	se indicate	the URL (add	ress
For comments about a s	pecific web p	age, broken I /contactInform	link, or web	performar nid=-1114	nce, pleas	se indicate	the URL (add	ress
For comments about a s	pecific web p com/agilent	age, broken I /contactInform	link, or web mation.jspx	performar nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United States	pecific web p t.com/agilent	age, broken I /contactInform	link, or web mation.jspx	performar nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United states If "Other", please specify	pecific web p t.com/agilent,	age, broken I /contactInform	link, or web	performar Pnid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United states If "Other", please specify Would you like us to p	pecific web p t.com/agilent : : :	age, broken I /contactInform	link, or web mation.jspx	performar nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United States If "Other", please specify Would you like us to r () No, a response is not	espond to y	age, broken I /contactInform	link, or web mation.jspx"	performar ?nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United states If "Other", please specify Would you like us to 1 O Yes, please respont t O Yes, please respont t	espond to y necessary.	age, broken I /contactInform	link, or web mation.jspx	performar nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: Umted states If "Other", please specify Would you like us to r O No, a response is not O Yes, please respond 1 ° Your Name:	espond to y necessary.	age, broken I /contactInform	link, or web mation.jspx ents?	performar nid=-1114	nce, plea:	se indicate	the URL (add	ress
For comments about a s http://www.home.agilen Country: United states If "Other", please specify Would you like us to t No, a response is not Yes, please respont 4 Your Name: "Email Address:	espond to y necessary.	age, broken l /contactInform	link, or web mation.jspx ents?	performar	nce, plea:	se indicate	the URL (add	ress

Agilent.com: demanding more data than needed. Comment form requires country needlessly.

- Make it a high priority NOT to require users to enter data repeatedly.
 - Ask only for data you really need
 - Stick to the current transaction
 - Don't make any data "required" unless you really can't proceed without it
 - Don't require data some customers won't have
 - Deduce as much as you can from information given to you instead of adding additional fields

Blooper 44: Asking users for random seeds

- Programs shouldn't ask the user to seed the random number generator
 - One exception: generating secure keys (require lots of random typing, mouse motion, etc.)
- Meaningless to most users
- People don't give good random numbers
- Avoiding the blooper: Incorporate random intervals/timers, if date/time not good enough, something like random.org

Blooper 45 : Pointless choice

- A second special case of requiring users to enter unnecessary data is presenting data with unnecessary choices
 - No difference between choices
 - Users don't know which to pick
 - Obvious answer
 - False choice

Blooper 45 Example

Download Sibelius Score	h ⁰
Step 2 of 3: Choose your download Now choose the download site for Scorch you and click preference, choose one of the HTTP sites). Installation download begins.	d site Download (if you don't have any nstructions will appear when the
○ HTTP 1 ○ FTP 1 ○ HTTP 2	
	(Download)

Sibelius.com: users have no basis for choosing between download servers.

om fo	To auckland			
There are	e multiple airports in the city y	rou entered. Pleas	e select a specifc airpor	t from the list below
00000	and city harrie to expand you	Boaron. Daor to	nighta obdron	
To: You	entered auckland	City/Airport	-	State/
Fo: You Select	City/Airport name	City/Airport code	City	State/ Country
Select	City/Airport name Oakland International Airport	City/Airport code	City Oakland	State/ Country CA United States
Select	City/Airport name Oakland International Airport San Francisco International Airport	City/Airport code OAK <u>SFO</u>	City Oakland San Francisco	State/ Country CA United States CA United States
Select C	City/Airport name Oakland International Airport San Francisco International Airport San Jose International Airport	City/Airport code OAK SFO SJC	City Oakland San Francisco San Jose	Country CA United States CA United States CA United States

В

United.com: search for flights from SFO to Auckland results in needless choice.

Blooper 45 Example

Flights	denver Search >>> Se			
Flights	Search >>> Se			
Flights	Search >>> Se			
ligino	Colored D1 01 00000000000000000000000000000000	ant w way		hasa
		IEGI »» Rev	iew » Purc	nase
here are mu	ultiple airports in the city	you entered. Please	e select a specifc air	port from the list below
r select the	city name to expand you	ir search. Back to F	lights Search	
To: You ente	ered "denver"			
Select C	Sity/Airport name	City/Airport code	City	State/ Country
Select C	City/Airport name	City/Airport code	City	State/ Country

В

United.com: search for flights from SFO to Denver results in needless "choice" of one.

- If the choice makes no difference, don't offer it
 - How do you know? Test it!
 - Watch people using your software
- If users won't understand the question, don't ask
- If there is an obvious option, choose it
- Don't offer false choices

Blooper 46: Hard to remember ID

- The most obvious way to burden users' memory is to require authentication identification they cannot remember
 - Assigned, non-changeable passwords
 - Unreasonable password restrictions

Change	e your PIN to a number that is easy
for you	to remember. A PIN can be 6-10
digits a	and cannot start with 0.
Your Pl	IN must be numeric.
	New PIN:
Confirm	n New PIN:

Client Web application: restrictions prevent users from devising easy-to-remember PIN.

Blooper 47 : Mission Impossible Instructions

• Instructions that go away too soon

Microsoft	Word	(
•	The spelling check is complete. Text set to (no proofing) was skipped. To find (no proofing) text, click Edit/Replace, click More, click Format, click Language and choose (no proofing).	
	OK	

- Detailed instructions should remain on the screen while the user is carrying them out
 - Latest Office apps display help in right hand pane

Blooper 47 Example



National Geographic Trip Planner: three options, each with several steps.

Blooper 48: Unnecessary or poorly marked modes

- If your software has modes, users may not know which mode they are in and enter a command meant for the inactive mode
- Examples:
 - Try to drag a rectangle to select objects but end up drawing a line instead
 - Printer outputs in landscape instead of portrait



Earthlink WebMail: effect of "Go" button depends on action set by menu.

Many harmless modes

- Word is teeming with modes
 - View: Normal, outline, page layout
 - Auto correct: on, off
 - Insert or overwrite text
 - Auto save: on, off
 - Smart cut-and-paste: on, off
 - Etc.
- Most of these modes don't cause errors because they are rarely changed from defaults
 - Many users may not even know of these modes

Toasters have modes

- The "darkness" control on a toaster is a mode that sometimes results in burnt toast when the last time you put in a frozen waffle
- How could you make a modeless toaster?

Avoiding Blooper 48

- Remove or minimize mode settings
 - E.g. for a photo application instead of a mode for "browse" and a mode for "edit" there might be separate windows for each
- Minimize the use of modal dialog boxes unless it is crucial the users not interact with things on the display
- Make modes visible and difficult to miss

Blooper 49: Unexpected Rearrangement of Display

- What if the OS constantly rearranged your icons for you?
- Example



Graph rescales vertical axis automatically when data points arrive or depart.

Blooper 49 Example



Messages.Yahoo.com (2000): position of "Previous" and "Next" links changes between pages.

Yahool Mu Yahool Mai		Tauch tra toop	Yatud By Yatud Bul		Bierd.
YAHOO! NEWS ?	our start Sign Str		WHOO! NEWS	kige in tex tex file it	
Chilis) FREE DI	NNER FOR TWO	at Chili's"	chilis "	REE Dinner Click here	for Two a to claim!
Can ~ <u>Warld Horn</u> ~ Irong DM sugar al-silar	n daatha unquadthad	Optian	'ng > Warld Nesse > Imag BM anys shells	in desite unjurtified	Quiter
Yahool News - Message Boards	Search News Mo	45 (9)	Yahoot News - Message Boards	Search (news star	n 🕖
real PM says chillen deaths organified 95.93.9996			nag MM naye chilling da cike angas Mind DS-33-2508		
S.Freedowe Statut (First Losi Man.L	Hall May # Cor	B" Bastage Boot	e.Presions Bests Witt Lost Mag.)	List) May # 👘 💮	De Banha De Bant
Recommend this Post	Ignore this liner Fmail this	Boating Report Ahuse	Recommend this Post	Ionore this User I Email this	Posting Report Abuse
as long as the press makes 2 by hotenpreses	00k+yearly	05/30/96 07:47 pm Pvg: 933 of 990	Re: Is WAR Still LEGAL & Lit by (belance (4/9)	berating?	05/3005.07:48 pm Hep-505 af 1000

Messages.Yahoo.com (2006): position of "Previous" and "Next" links is always the same.

Blooper 50: Dialog Boxes that Trap Users

- Dialog boxes sometimes provide no way out other than a direction that users don't want to go.
 - No cancel
 - All paths are wrong
 - Required button is inactive
 - Unclear choices
 - No, not OK

Blooper 50 Example

• No Cancel



Adobe PhotoShop: Print setting warning provides no "Cancel."

• No, Not OK!





Click Back

🚱 🖶 Add Printer	
Additional port	information required
The device is not	found on the network. Be sure that:
 The device is t The network is The device is j The address on If you think the at address and perfor device type below 	urned on. : connected. in the previous page is correct. Idress is not correct, click Back to return to the previous page. Then correct the rm another search on the network. If you are sure the address is correct, select the A
Device Type	
Standard	Generic Network Card 👻
Custom	Settings
	Next Cancel

Wrong paths in the dialog box



Apple MacOS X: printer "Out of Paper" warning provides no way to load paper and continue.



Apple iPhoto: Problem Report window's "Send to Apple" button stays inactive.

- Provide users with alternatives so they don't feel trapped
- Analyze goals users could have when the dialog box appears so you can provide the right options
- Test dialog boxes with users
- Don't use "OK" for bad messages
 - "Acknowledged", "Understood", "Sigh...not again"

Blooper 51: Ok and Cancel do the same thing

• OK should mean "Yes do this" and Cancel should mean "No, I don't want to do this"

www.wyfiremarshal.org	×
Welcome to the West Virginia State Fire Marshal On-line information center. This site is best viewed using Explorer or Navigator versions 4.0 or later and a display setting of 800x600.	
OK Cancel	

- Other variations where cancel doesn't cancel
 - E.g. action already done and software doesn't support undoing it