

Graphic Design, Layout, and Web Page/Style Design





- Error or status messages
- Controls



Blooper 32 Example

- Information buried in noise
- Consider these prompts:
 - Enter filename and press ENTER
 - Enter username and press ENTER
- Only difference is the second word which has the only • real information:
 - Filename:
 - Username:
- Status displays another common trouble spot:
 - Containing tank: normal
- Pressure valves: normal
- Fuel rods: abnormal
- Discharge pump: normal



Avoiding Blooper 32

- 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







Uses of Color

- Call attention to specific data or information
- Identify elements of structure and processes
- Portray natural objects realistically
- Depict the logical structure of ideas and processes
- Portray time and progress
- Increase appeal, memorability, and comprehensibility
- Reduce errors of legibility or interpretation
- Increase the number of dimensions for coding data







The 10 Commandments of Color

- 6. Use the same color for grouping related elements.
- 7. Color to your audience
 - Men prefer blue to red, women red to blue
 - Men prefer orange to yellow, women yellow to orange
 - Young prefer bright, old prefer sober/restrained colors
- 8. Use high-value, high-chroma colors to attract attention.
 - Bright red better / faster than yellow, orange
 - Older viewers have easier time with bright









• Hard to read colors:

- http://www2.cajun.net/~hugh/tradewar.html

- Watch out for default colors!
 - Some browsers default to a white background and others to gray. Specify a background color in your body tag to ensure all browsers use the same color.









P Custom Game Controller	8	Guidebook
Special characteristics Joystick Game pad	 Flight yoke or flight stick Race car controller 	Guidebook Topics
Axes	Buttons	Waking Yours Lodgings/Restaurants/Attractions L Search by Name: Not Available Region Name: 2
Includes a point of view control Controller name:	OK Cancel	Canada Heatland = Nottheast Notthwest Southwest









In	nproved	Spacing	B
Cheese: $lacksquare$ M	lozzarella	OJack	OSwiss
Meat: OS	ausage	●Ham	O Pepperoni
Spiciness: O M	ſild	OMedium	● Hot
Crust: 🔿 V	Vhole Wheat	 White 	○ Sourdough

Bloope	er 35 Examples
E-Notice	
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	blooper 50 Example	
1.	Social Security Number (SSN) or EDD Client Number (ECN) <u>Heb</u> 1a. Confirm the last 4 digits of your SSN	
	1b. Did the Social Security Administration issue this SSN to you? Help	O Yes OI
2.	Date of Birth 3. Gender	00
	(mm/dd/yyyy) O Female O Male	
4,	Claimant Name,	
	4a. First Name 4b. Middle Initial 4c. Last Name	
5.	Is this the name that appears on your social security card?	0.00
	If Mo, phase provide the same that appears on your social accords and	O Yes O F
	5a. First Name 5b. Middle Initial 5c. Last Name	
0.	If you have used any other Bodial Beounty Numbers, please list them	
	Ga. 6b.	
·*•	Il you nave used any other names, please lat them rep	
8.	78. 70. 70. 70. 70. 70.	
- T.		O Yes O M





- Labels should be closer to their own field than to other fields
- Put labels above fields

Pilote Initial Cast name*
Address* Home Business
Street address"
City-
Children
State/prov* Postal code* Codint y
required for USA/Canada
Phone* R Home A Business
Country code" Telephone"
Birthdate (optional)
About hithdate
About birthdate



	Blooper 37 Example
Copies Pages: Microso	Printer: 206Laser Presets: Standard Copies & Pages Copies & Copies & Pages Copies & Pages













E • Av	Blooper Bor	nus: Un-Natural Order om" 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 st	ops, but also reorganize layout







Same Questions as Print

- Who is talking? Is it an individual or an institution?
- What is the content about?
 - Titles, Headers
 - Consider bookmarks
- When?
 - Our CS page is an offender
- Where on your site are you currently located?
 - Navigational aids or pointers to the main page may be appropriate.
 - Button Bars

Every page should have

- Informative title
- Creator's identity / contact link
- Creation or revision date
- At least one link back to home
- These basic elements will get you 90% of the way to an understandable interface
- Example of missing information:
 - http://www.1amp.com













Fonts Different on Platforms

Kelative sizes of truerype tonicalspia	Relative	sizes	of	TrueType	font	display
--	----------	-------	----	----------	------	---------

Arial	Arial
Arial Black	Arial Black
Arial Narrow	Arial Narrow
Arial Rounded MT Bold	Arial Rounded MT Bold
Book Antiqua	Book Antiqua
Bookman Old Style	Bookman Old Style
Century Gothic	Century Gothic
Century Schoolbook	Century Schoolbook
Courier New	Courier New
Garamond	Garamond
MS LineDraw	MS LineDraw
Times New Roman	Times New Roman
Verdana	Verdana







Animation

• Animation

- Appropriate for a very limited number of web sites
- Can be distracting and generally not appropriate on information or e-commerce web sites
- Appropriate for children, entertainment, perhaps ads
- Example: <u>http://www.webpagesthatsuck.com/topic59.htm</u>
- Example: <u>http://www.aurigamusic.com/</u>
- Example: <u>http://www.qualitycollisionservices.com/</u>
- Example: <u>http://www.ridertown.com/</u>







Chunk your Info

• Chunking

- Short chunks of information that fit on a screen
- Few users read long passages of text on screen
- Discrete chunks lend themselves to a link
- Supports a uniform format
- Text Length
 - Yale Style Guide suggests a max of four screens of information in most cases











Case Study

- Time is Money -- redesign at Sun
- Average employee views 12 intranet pages per day
- Could save 5 minutes per week per employee by redesigning the site
- \$10 million/year in "lost" time



















Evaluating Your UI

- Don't forget User Centered Design
- User Testing
 - Focus Group
 - Ask users to perform a task, watch sequence of steps taken
 - Time users on specific tasks
 - E.g., shopping for a specific item
- Build from your users and work your way up!
 - Readjustment to meet user needs