CmapTools Version 3 Graphic Interface Guidelines

By Gloria Gomez Version 1.0 Last Update 02/23/2004

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Single Interface Elements

1. Font

CmapTools text components use the operating system - OS - default font. James created a patch for allowing this to happen. E.g. Windows XP uses Trebuchet 13 points in windows, dialog and message titles. Tahoma 11 points is used for paragraphs, button text, labels, titles, text fields, pop-up menus that make part of a window, dialog, or message. Tahoma 9 point is used in small descriptions.

Small descriptions are original to CmapTools. It has been noticed that OSX is not capable to interpret the font size correctly. So this is an issue that should be addressed in a future version.

	User Info	
	Please fill in the following information to identify yourself as the author of Concept Maps that you create:	
	User Name:	
	e.g. John Smith	
	Organization:	
Tahoma 11pt	e.g. IHMC Email Address:	Tahi 9pt
	*User ID:	
	used for collaboration and permissions, e.g. jsmith *Password:	
	*Confirm Password:	
	*Dequired Fields	

Add User...

Remove

🗆 8px

2. **Push Buttons**

2.1 Distance between buttons





2.2 Push Button Size



2.3 Buttons position at the end of the dialog

This kind of buttons validates/executes or cancels the action performed by the dialog, window or message. It should always be positioned 20-pixel away to the last element in the dialog, window or message.

│ / │ / │ F *Required Fields	Now users not in the list to join Now users to submit anonymous Now users to unpublish claims Netain claims after user leaves	sly 20px Create Cancel	
Author(s): Organization: Email: *Required Fields		20px Save Cancel	
List of Published Places Status Location Last Time Published IHMC Internal\\Gloria Projects Nov 4, 2003 4:27:34 PM IHMC Knowledge Models\\Gloria Nov 4, 2003 4:38:41 PM			
20px Select Location to Publish to Publish Changes Publish Cancel			

2.4 Vertical Table Buttons

This type of button is never placed at the end of the dialog

Users:	Required	Not Allowed	
		<u> </u>	Add User
		v	Remove
		1	L] 1 px

2.5 Horizontal Table Buttons

This type of buttons is never placed at the end of the dialog

Hide	Directory of Places Name	
	65.215.118.126	*
	baco.coginst.uwf.edu	
		_
		-
List of Direct	ories of Places this Place can register with	
	10px	
	Add Remove	

3. Text Fields

3.1 Text field specifications

Organization: IHMC 3px	21px
cmapdp ^{3px} 3px	
e.g. internal, research	

3.2 Distance between a title and text field



3.3 Grouping text field elements

Use	er Name:		
		e.g. John Smith	
Org	anization:		
		e.g. IHMC	
Emai	l Address:		
		used for others to contact you about Concept Maps	
	*User ID:		_
		used for collaboration and permissions, e.g. jsmith	== 5px
1	Password:		
******	D		10px
"Confirm i	Password:		
	Check-		
	for Pla	ces that belong to the cmapdp	groups(s)
		e.g. internal, research	
10px	for nev	v Places every 6 minute(s)	
	activity	v status of each Place every 2 minute(s)	

4. Pop-Up Menus

4.1 Big Pop-Up Menu



Keep 2px margin either the icon is 18px or 16px

4.2 Small Pop-Up Menu



4.3 Icon Pop-Up Menu



5. Tables

Hide	Directory of Places Name	1 21px
	65.215.118.126 3px baco.coginst.uwf.edu 5px	•
	Claim	Owner
	mamals are animals	Gloria Gomez

	mamais are animais	Gioria Gomez	h-
	dogs are cute		
	plants have green leaves		
10px			
	Leaves are green	ddanks	
	20px		r
21 px	C Sort by Claim 🕞 :	Sort by Owner	

6. Descriptive and Explanatory Text

6.1 Small Description

- Underneath a button



- Underneath a text field



- Underneath a pane or table



6.2 Property List



6.3 Text Paragraphs

	[Publis	🔇 Publish Knowledge Model "Cmap Website Design" 🛛 🛛 🔀			
Keep Aligned	Publish allows you to create a copy of a Knowledge Model, and to easily update it by copying only changes in the Model.				
Topx	List of Pub	olished Places			
	Status	Location		Last Time Pu	blished
		IHMC Internal\\Gloria Projects		Nov 4, 2003 4:27:3	34 PM
		IHMC Knowledge Models\\Glori	a	Nov 4, 2003 4:38:4	41 PM
	Select Li set new or u	ocation to Publish to	Publish Change	s Publish	Cancel
13px	Request O The Conce You may re editing this and wait fo	Collaboration Session on " ept Map you are trying to access equest a collaboration session if s resource. Please enter a user II or the current user(s) to respond ggomez	MainPage" is currently in u: you wish to part D for identificati I.	se and locked. icipate in ion purposes	—— Keep Aligned
	Submit	Set this as the default user II) the Cmap	Cancel	

7. Required Fields

Use the text "Required Fields" to advice the user that some options in the dialog have to be filled out in order to convey the action. Add the * symbol next to the option. Always place the "Required Field" text on the left side of the dialog, horizontally aligned to the buttons. See sample below.

[User Info	
Please fill in the follo author of Concept M	wing information to identify yourself as the aps that you create:
User Name:	
	e.g. John Smith
Organization:	
	e.g. IHMC
Email Address:	
0	used for others to contact you about Concept Maps
*User ID:	
*Decouverd	used for collaboration and permissions, e.g. jsmith
Passworu;	
*Confirm Password:	
*Required Fields	ОК

8. Panes

8.1 List

Directory of Places Name	21px -	
baco.coginst.uwf.edu ^{3px}		\rightarrow
65.215.118.126		N 225
cmapdp.coginst.uwf.edu		G: 231
3px		B: 237

8.2 Spacing of Html Information





9. Listings

9.1 Check-Box List



9.2 Radio-Button List



Dialogs, Boxes and Organizational Elements

10. Dialogs

10.1 Margin Size

All CmapTools Dialogs have the same margin size, 13px all around.

13px _				13px					
	🚺 Edit Folde	r Properties	X						
	Folder Name:	ange the name shown in the vi	ews	13px	Save Change	25		2	13px
	Description:	Created by the Conve	ersion Tool			e Validate & Fix Link oken links. Do you w fix them ?	s tool will se vant it to au	earch for tomatically try	
		description of the folder							
	Keywords:			 13px	Search and	Search O		Cancel	13px
		l separated by commas							
	Ivet as It defines a	Knowledge Model well mapped domain of info	mation	13px	Add Nov	. Administrator		8	13px
	🏠 Home	Cmap for this Knowled	lge Model	_	Add Hev	• Autorition		E	
	None	· · · · · · · · · · · · · · · · · · ·	_		Administ	rator:			
		Select Re	eset		Pass	word:			
					Confirm Pass	word:			
	Created by: Laura Taylor Created: Lao 28, 2003 4:14:54 PM					ок	Cancel		
	Last mo	dified: Jan 28, 2003 4 20px	:14:54 PM	-					
	Permission	ns OK	Cancel	13px					13px
13nv				13nv					
торх				тэрх					
	13px 🚺 Loo	oking for a Word						13px	
	plant word t	o define	Look Up					_	
		Words		Definitions		Related Word	ls		
	plant	t	Nouns	king the newer of les		Synonyms Works			
	softv	ware	- Buildings for carrying	g on industrial labor; '	'they built a	Industrial plant			
	life		large plant to manufa	acture automobiles".		Is a kind of Building complex			
	WING	low	• Put firmly in the mind	d; "Plant a thought in	the	Complex Related to			
			students' mind". - Put or set (seeds or	seedinas) into the ar	ound; "Let's	College			
			plant flowers in the g	garden".		Ribbon developmen	C		
	Select	tion : words that are part of th	Replace e concept or linking phrase	e with: plant]			
		L	ook Up Related Word	Replace	Add as a Ne	w Concept C	lose		
	13px							13px	
10.27	Tab Margin S	Size							

Edit Pre	ferences						
Direct	tories of Place	s serinto	Discussion Thread	is I	Proxy Co Places (S	nficuratio ervers)	nn.
13px		001 8110	- Milliounito	1		13	рх
Hide	Status		Name	Internet	Host Name	Port	
	Down	IHTM Test P	Rodrigo v3.0Fap	10.0.100	.3	4447	-
L C	Down	IHMC Test I	Lab Aquila - v3	10.2.40.4	4	4447	
	Down	EAFIT COLO	OMBIA	200.12.1	87.213	4447	
	Down	IHMC Public	: Cmaps	65.212.1	18.153	4447	Ŧ
Check for Places that belong to the cmapdp e.g. internal, research for new Places every 6 minute(s)							
activity status of each Place every 2 minute(s)							
Reset Defaults							
13px						13	рх
					OK	Ca	ncel

10.3Choose, open dialogs

2рх	
[Choose	
ggomez portfolio 2px	17px 13px 13px 14px Up New My Cmaps Places
resources Gloria Gloria Resume V2 Gloria Resume V2 - Copy Style Name	24px by 24 px transparent gif
	Save Cancel

10.4Save As Dialog



11. Boxes

- Use boxes when it is necessary to:Visually separate two or more groups of dataKeep the dialog or window neat and easy to the eye

Never use a box together with a table only

11.1 Margin Size

Check for Places that belong to the cmapdp e.g. internal, research for new Places every 6 minute(s)	groups(s)
activity status of each Place every 2 minute(s)	Reset Defaults
	OK Cancel

Place Configuration —						
13px Name:	IHMC Test Temp Adrian Laptop	13px				
Organization:	IHMC Test Temp Adrian Laptop					
Version:	3.0abc					
IP Address:	192.168.0.1					
Host Name:	deimos.coginst.uwf.edu					
Port:	4447					
Server ID:	1055795009961 897518988 0					
Service Type:	cmapv3					
Scopes:						
Visible in Local Networks	Vec					
Visible in Local Network: Directories of Places:	Yes					
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu					
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu 65.212.118.70	<u>^</u>				
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu 65.212.118.70	Ă				
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu 65.212.118.70	* *				
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu 65.212.118.70	-				
Visible in Local Network: Directories of Places:	Yes baco.coginst.uwf.edu 65.212.118.70 Refresh	Edit				
Visible in Local Network: Directories of Places: 13px	Yes baco.coginst.uwf.edu 65.212.118.70 Refresh	Edit				

12. Alignment

Keep elements aligned

- *Nam	e
	name of the Discussion Thread (DT)
	Ask for user registration
	The DT expires in 30 days
	Lacit message expires in [30 days
User Nam	e:
	e.a. John Smith
*Liser 1	D:
*0	e.g. jsmith
"Passwoi	
*Confirm Passwoi	d
	Keep anonymous
*Em	ail:
	Notify no shout new messages period daily
	Notiry me about new messages posted daily
	Notify me about every message posted
*Required Fields	Create Cancel

13. Sliders



14. Elements for Separating Groups

14.11-pixel gray line

Use 1-pixel gray line when it is needed to separate two o more elements in a dialog or window visually.

🚳 deimos.coginst.u	wf.edu	- Directory of P	laces Configuratio	n 🔀			
Host Name:	deimos.	coginst.uwf.edu					
IP Address:	10.011	.120					
Port Number:	4747						
Boot Time Stamp:	Tue Oct	2113:59 CDT 2003					
Scopes:	cmap						
	logical adr	ninistrative groups. e.g	. internal, research				
Data Base File Name:	dbase			Browse			
	file name	to store records					
Summary File Name:	summar	У		Browse			
10рж	file name I	to store summary					
I 10px Mesh-enhanced							
allows this Directory of	of Places to	share the same scope	with other Directories of Pla	aces			
Peer Directories of	Places:	cmapdp.coginst.u	wf.edu, 65.212.118.12(6			
directories of places that have one or more scopes in common e.g. cmapdp.coginst.uwf.edu, 65.212.118.126							
Run Directory of Places with GUI Interface							
			ок	Cancel			

14.220-pixel space between groups

It is used to make the dialog look more organized, clean and uncluttered

	🔞 Edit Preferences 🛛 🔀						
	General User Info AutoSave Places (Servers) Directories of Places Discussion Threads Proxy Configuration						
	 Do not use proxy server Detect proxy settings automatically Configurate proxy server manually 						
	HTTP Proxy: Port:						
Group 1	HTTP proxy server address SOCKS Proxy: SOCKS proxy server address SOCKS proxy server address						
	20px						
Group 2	User Name: Password:						
_	Do not use proxy server for the following addresses:						
Group 3	use semicolons (;) to separate entries						
	OK Cancel						

15. Putting a Dialog Together

15.1 Grouping Components

		🔞 IHMC Test Temp Adrian Laptop - Place Configuration 🛛 🔀		
		Name: IHMC Test Temp Adrian Laptop		
Organization:		Organization: IHMC Test Temp Adrian Laptop e.g. Institute for Human and Machine Cognition		
Host Name:		Host Name: deimos.coginst.uwf.edu		
		Port: 4447		Group 1
		Server ID: 1055795009961_897518988_0		
		Service Type: cmapV3		
		Scopes:		
		e.g. cmap, cmapdp	H	
		Server Location Protocol Settings for This Place Hide Directory of Places Name 65.215.118.126 Image: Control Settings for This Place baco.coginst.uwf.edu Image: Control Settings for This Place		
Group 2				
		List of Directories of Places this Place can register with Add Remove		
		Make this Place visible in the local network		
		uncheck features in this box to keep Place private		
		OK Cancel		

15.2Applying size guidelines

13px	11p	x 	13px
	🚯 IHMC Test	Temp Adrian Laptop - Place Configuration	x
	Name:	IHMC Test Temp Adrian Laptop e.g. IHMC Internal	
1000	Organization:	IHMC Test Temp Adrian Laptop 21px e.g. Institute for Human and Machine Cognition	
	Host Name:	deimos.coginst.uwf.edu	
	Port:	4447	
	Server ID:	1055795009961_897518988_0	
	Service Type:	cmapV3	
5px	Scopes:		
	Server Local	e.g. cmap, cmapdp 20px tion Protocol Settings for This Place	_
		55.215.118.126 3px	
	List of Director	ies of Places this Place can register with Add Remove	
5o×	Make thi	s Place visible in the local network	_ 3px
эрх —	uncheck features i	in this box to keep Place private 20px	
13px		 11px	13px

Windows

16. Windows

16.1 Window Margin Size





16.3Web Address in Cmap Window



17. Putting a Window Together

17.1 Grouping window components

This window is divided in 4 groups of information:

- Group 1: Place Configuration displays property information about the Place (Server). Group 2: Place Service List shows a listing of all the services available and their status
- Group 3: Root Folder Administrator Accounts administrates and informs about the users authorized to access this particular Place
- Group 4: Logs

The ability to understand the function of the window is being increased by the use of boxes to organize the elements of Group 1 and 2. Symmetry and balance make the window seem clean and uncluttered.

📸 IHMC Test Temp Adrian Laptop - Place Info							
File Edit Tools Window Help							
Place Configuration Group 1	Place Service List Group 2						
Name: IHMC Test Temp Adrian Laptop	Service Name	Status					
Organization: IHMC Test Temp Adrian Laptop Version: 3.0abc IP Address: 192.168.0.1 Host Name: deimos.coginst.uwf.edu boxes Port: 4447 Server ID: 1055795009961 897518988 0	AdminService Resource PingService	Running Running Running					
Service Type: cmapV3 Scopes: Visible in Local Network: Yes Directories of Places: baco.coginst.uwf.edu	Start Service Stop Ser	rvice Service Settings					
	Root Folder Administrator Acco Admin	unts Add Account					
RefreshEdit	Group 3	Change Password Remove Account					
Log	S Group 4						

17.2 Applying size guidelines



Folder Browser Window

18. Folder Browser Window

It is used for navigation, browsing and identification purposes. This kind of window is used in CmapTools Views and AdminTool Views.

18.1 Margin of a Folder Browser Window

📲 AdminTool				
File Edit Tools	Window Help			
🛌 👼 Directories of Places				
	Directory Place Name	Internet Host Name	Port	
Directories of Places	😵 baco.coginst.uwf.edu	XX.XXX.XXX.XXX	XXXX 🛋	
Places				
	A	16W (<u> </u>	
icons only	😭 Add	🎊 Remove 😲 Refres	h Connect	
:				

18.2Folder Browser Element Placement

📲 AdminTool -	Directories of Places					×	
File Edit Tools	Window Help					1px w	/hite
<i>(</i>	Directories of Places	5 21	px			border R: 225	ir line 5
S	5px Directory Place 1	Vamie	Internet Host Na	me	Port	G: 231 B: 235	1
Directories of Places	🛞 baco.coginst.uwf.e	du XX.:					,
\$							
Places							
7px		١	White line is part (of the icon		_	
icons only	22рх		🌋 Remove	😯 Refresh	Conne	et.	

18.3Icons in a Folder Browser

- Icon Type and Placement

6 ⁷ 2	AdminTool			
Fi	le Edit Tools	s Window Help		
		Directories of Places Directory Place Name Internet Host Name	Port	
	Directories of Places	baco.coginst.uwf.edu XX.XXX.XXX.XXX	XXXX	-
		Tab Icons		
	Places			
		Button Icon		
				•
J	icons only	😭 Add 🎽 Remove 🔍 Refresh	Con	nect

- Icon View Options in Folder Browser Window

🔇 Views - CmapTools 📃 🗖 🔀	🗿 Views - CmapTools 📃 🗖 🔀
File Edit Tools Window Help	File Edit Tools Window Help
Cmaps in My Computer	Image: My Cmaps
Shared Cmaps in Places	
History	
Icons and Text	Icons Only
icons only	icons only

- Tab Icon Size



Button Icon Size

_

For making this type of icon, create a transparent gif following the instructions below. The image that represents the action (e.g. Add Server, Remove Server, Refresh can be 17-pixel height the most with no restrictions in terms of width). The margin values shown in the graphic must be kept. The 1-pixel white line acts as a separator between icons. The background must be transparent.



18.4Tables in a Folder Browser

📲 AdminTool -	Directories of Places			<.
File Edit Tools	Window Help			
	G Directories of Places Directory Place Name	Internet Host Nam	ne 21px Port	
Directories of Places	baco.coginst.uwf.edu ^{5px}	**.***	XXXX	1px blue line
	5px s	ц Брх	ы 5px	
Places				
			-	-
icons only	😪 Ad	d 🌋 Remove	€ Refresh Connect	t

18.5Child Window



Side Panel - To Come -

19. Side Panel

Message Dialogs

20. Type of Messages

20.1 Alert Messages



20.2Never use error icons as part of an Alert Message



20.3 Message Dialog Size



20.4Progress Message Size



20.5 Special Progress Message

