MFC Hierarchy Chart Part 1 of 3 Classes Derived From CObject

CObjec	
	ol Support
CImag	
CMFCA	AcceleratorKey *
CMFCC	ControlRenderer*
CMF	CShadowRenderer ★
CMFCF	-ontInfo ★
CMFC	「oolBarImages ★
CUserT	ool★
	ase Support (DAO)
	Database
	QueryDef ecordset
	ableDef
	Vorkspace
	ase Support (ODBC)
CDatal	
Chang	
CLong	
	ng Support
	ingPanesRow ★
	tDockingInfo★
	ntDockSiteInfo*
	tDockingStandaloneGuide *
LCSm	nart Docking Group Guide *
	rty Grid Support
CMFCI	PropertyGridProperty *
-CMF	-CPropertyGridColorProperty 🖈
	-CPropertyGridFileProperty *
CMF	FCPropertyGridFontProperty*
	erty Sheets Support PropertySheetCategoryInfo *
	on Support RibbonCategory ★
CIVIFCI	Abbolicategory *
	Support
CDock	State
Tab S	upport
CMFC [*]	TabInfo ★
Task F	Pane Support
	TasksPanePropertyPane★
	TasksPaneTask ★
	TasksPaneTaskGroup ★
	Pane Container Support
	Container ★
CRece	ntPaneContainerInfo *
	ar Support CmdUsageCount ★
Wrani	per Support
vviapi	

	agers
	agers itextMenuManager★
	ckManager
	:kingManager ★
	wingManager *
	boardManager *
T_{-}	CBaseVisualManager★ IFCVisualManager★
T	
	CMFCVisualManagerOfficeXP CMFCVisualManagerOffice2003
	CMFCVisualManagerOffice2003 ★
	CMFCVisualManagerOffice2007
	CMFCVisualManagerVS2005★
CNA	CMFCVisualManagerWindows *
	nuTearOffManager★
	useManager *
	neContainerManager *
	llManager★
	artDockingGroupGuidesManager★
	artDockingManager★
	Manager★
	ltipManager★
CUse	rTools Manager ★
Men u CMer	<u> </u>
Ribbo	on Controls
	CRibbonBaseElement ★
-CN	1FCRibbonButton★
-0	CMFCRibbonApplicationButton★
	CMFCRibbonCaptionButton★
	CMFCRibbonCategoryScroll★
	CMFCRibbonCheckBox *
	CMFCRibbonContextCaption *
	CMFCRibbonDefaultPanelButton*
	CMFCRibbonEdit
	CMFCRibbonComboBox ★
	CMFCRibbonFontComboBox
	CMFCRibbonGallery *
	-CMFCRibbonColorButton*
	CMFCRibbonUndoButton ★
	CMFCRibbonGalleryIcon★
	CMFCRibbonLabel ★
	CMFCRibbonLaunchButton★
	CMFCRibbonLinkCtrl*
	CMFCRibbonMainPanelButton *
	CMFCRibbonStatusBarPane *
	1FCRibbonButtonsGroup★
-(CMFCRibbonQuickAccessToolBar 🛨 📗
-CN	MFCRibbonProgressBar★ MFCRibbonSeparator★

- CMFCRibbonCategory ★

CMFCRibbonMainPanel *

CMFCRibbonPanel★

Other Controls
-CMFCAutoHideButton★
CMFCCaptionButton★
- CMFCCaptionButtonEx★
CMFCCaptionMenuButton
-CMFCT asksPane Property Page ★
-CMFCTasksPaneTask ★
- CMFCTasksPaneTaskGroup★
-CMFCToolBarButton★
- CMFCOutlookBarPaneButton
CMFCToolBarComboBoxButton★
- CMFCToolBarFontComboBox ★
CMFCToolBarFontSizeComboBox ★
-CMFCToolBarDateTimeCtrl★
- CMFCDropDownToolBarButton★
CMFCToolBarEditBoxButton★
CMFCToolBarSpinEditBoxButton★
_CMFCToolBarMenuButton★
-CMFCColorMenuButton★
-CMFCCustomizeButton★
-CMFCCustomizeMenuButton★
-CMFCShowAllButton★
- CMFCRibbonGalleryMenuButton★
CMFCToolBarSystemMenuButton★
- CMFCToolBarMenuButtonsButton★
- CMFCOutlookBarToolBar ★
CMFCPopupMenuBar★
CMFCColorBar★
CMFCToolBarImages ★

Exceptions	Arrays
CException	CArray (template)
CArchiveException	- CByteArray
CDaoException	CDWordArray
CDBException	CObArray
CFileException	- CPtrArray
CInternetException	CStringArray
COleException	CUIntArray
COleDispatchException	- CWordArray
CSimpleException	6.
- CInvalid Arg Exception	Command Line
- CMemoryException	CCommandLineInfo
- CNotSupportedException	Lists
- CResource Exception	-CList (template)
CUserException	CPtrList
File Services	CObList
CFile	- CStringList
CMemFile	Maps
CSharedFile	- CMap (template)
COleStreamFile	- CMapWordToPtr
CMonikerFile	- CMapPtrToWord
CAsyncMonikerFile	- CMapPtrToPtr
CDataPathProperty	CTypeLibCacheMap
CCachedDataPathProperty	- CMapWordToOb
CSocketFile	- CMapStringToPtr
CStdioFile	- CMapStringToOb
CInternetFile	- CMapStringToString
CGopherFile	
CHttpFile	Internet Services
Graphical Drawing	CInternetSession
-CDC	CInternetConnection
CClientDC	CFtpConnection
CMetaFileDC	CGopherConnection
-CPaintDC	CHttpConnection
CWindowDC	CFileFind
	CFtpFileFind
Graphical Drawing Objects	CGopherFileFind
-CGdiObject	CGopherLocator
CBitmap	
CPngImage	
- CBrush	
- CFont	
CPalette	
-CPen	
CRgn	
Cityii	

Legend

★ The Version 9.0 Feature Pack adds new classes to the Microsoft Foundation Class Library. New classes are indicated with a star.

Managers, Control Support and Helper classes all provide logical and data support for individual controls or groups of controls.

Managers have the word "Manager" in their name. They typically aggregate and coordinate functionality that would otherwise be handled by individual classes. Control Support classes usually provide logical and data support for individual controls.

MFC Hierarchy Chart Part 2 of 3 Classes That Derive From CCmdTarget or CWnd

Object					
Application Architecture					
CCmdTarget			I		
CommandTargets					Synchronization
CConnectionPoint	CDocument	CDocTemplate	COleDataSource	- COleMessageFilter	- CSyncObject
CDocItem	- CHtmlEditDoc	- CSingleDocTemplate	- CControlDataSo	ource COleObjectFactory	CCriticalSection
COleClientItem	COleDocument	CMultiDocTemplate	CItemDataSour	ce COleTemplateServer	CEvent
COleDocObjectItem	COleLinkingDoc	CMultiDocTemplateEx ★	COleDropSource	CWinThread	-CMutex
CRichEditCntrItem	COleServerDoc	CDynLinkLibrary	CMFCToolBarD	ropSource ★ CWinApp	CSemaphore
COleServerItem	-COleServerDocEx ★	COleControlContainer	COleDropTarget	- COleControlModule	Windows Sockets
CDocObjectServerItem	CRichEditDoc	COleControlSite	- CMFCTabDropT	arget ★ CWinAppEx ★	CAsyncSocket
CDocObjectServer		- CBrowserControlSite	CMFCToolBarD	ropTarget ★	CSocket
		CWinFormsControlSite			
Window Support					
CWnd					
ControlBars	Controls	More Controls		Frame Windows	Property Sheets (Tab Dialog Boxes)
-CBasePane ★	- CAnimateCtrl	-CMonthCalCtrl		CFrameWnd	CPropertySheet
-CPane ★	CButton	COleControl		- CFrameWndEx ★	-CMFCColorPropertySheet ★
-CDockablePane ★	CBitmapButton	CProgressCtrl		CMDIChildWnd	CMFCPropertySheet ★
CBaseTabbedPane ★	CMFCImageEditorPaletteBar ★	CMFCRibbonK	eyTip ★	CMDIChildWndEx ★	CMFCRibbonCustomizeDialoog ★
-CMFCOutlookBar ★	CMFCButton ★	CRichEditCtrl		- CMDIFrameWnd	└CMFCToolBarsCustomizeDialog ★
CTabbedPane ★	CBitmapButton ★	CMFCRibbor	nRichEditCtrl 🛨	└CMDIFrameWndEx ★	Socket Support
- CDockable Pane Adapter ★	-CMFCColorButton ★	CSpinButtonCt	trl	CMiniFrameWnd	- CSocketWnd
CMFCOutlookBarPaneAdapter ★	CMFCDesktopAlertWndButto	n ★ CMFCSpinBu	ıttonCtrl ★	- CMFCDropDownFrame ★	
-CDummyDockablePane ★	-CMFCLinkCtrl ★	CMFCRibb	onSpinButtonCtrl 🛨	CMFCPopupMenu ★	Support for Docking CSmartDockingGroupGuidesWnd ★
-CMFCTasksPane ★	-CMFCMenuButton ★	-CStatic		-CMFCColorPopupMenu ★	-CSmartDockingHighlighterWnd *
CPaneDialog ★	- CMFCOutlookBarScrollButton	★ CVSListBoxB	ase ★	-CMFCDropDownListBox ★	
-CMFCAutoHideBar ★	CMFCTabButton ★	CVSListBox	(★	CMFCRibbonPanelMenu ★	- CSmartDockingStandaloneGuideWnd ★
-CMFCBaseToolBar ★	-CMFCColorPickerCtrl *	CVSTools	sListBox ★	CMFCRibbonMiniToolBar *	Views
CMFCToolBar ★	-CMFCImagePaintArea *	- CTabCtrl		COleCntrFrameWnd	CView
-CMFCDropDownToolBar ★	CMFCToolBarButtonsListButton	★ CToolTipCtrl		COleCntrFrameWndEx ★	CCtrlView
-CMFCImageEditorPaletteBar *	CSplitButton	CMFCToolTip	oCtrl ★	COleIPFrameWnd	CEditView
- CMFCMenuBar ★	- CComboBox	- CTreeCtrl		-COleDocIPFrame ★	CListView
-CMFCMenuOutlookBarPane *	CComboBoxEx	CMFCShellTr	reeCtrl *	COleDocIPFrameWndEx★	CRichEditView
CMFCOutlookBarPaneList *	CMFCFontComboBox ★	- CWinFormsCtr		COleIPFrameWndEx *	CTreeView
-CMFCOutlookBarToolBar ★	-CDateTimeCtrl			-CMDIClientAreaWnd ★	CScrollView
-CMFCPopupMenuBar ★	-CDateTimeCtrlImpl *	Dialog Boxes CDialog		CMFCDesktopAlertWnd ★	CFormView
CMFCRibbonPanelMenuBar *	CMFCToolBarDateTimeCtrlImpl		alog	-CPaneFrameWnd ★	- CDaoRecordView
-CMFCPrintPreviewToolbar	- CEdit	-CColorDiale		-CMultiPaneFrameWnd ★	- CHtmlEditView
	CMFCAcceleratorKeyAssignCtrl			CMFCTasksPaneFrameWnd *	-CHtmlView
CMFCCantian Ban ★	-CMFCToolBarComboBoxEdit *	- CFindRepla		-CSmartDockingHighlighterWnd *	CRecordView
-CMFCCaptionBar ★	-CMFCEditBrowseCtrl *	- CFontDialo		-CSplitterWnd	COleDBRecordView
-CMFCReBar ★	-CMFCToolBarEditCtrl *	-COleDialog		CSplitterWndEx ★	CPreviewView
CMFCRibbonBar ★	CVSListBoxEditCtrl *				CPreviewViewEx ★
CMFCRibbonStatusBar ★		COleChay	ngeIconDialog	Property Pages	–CTabView ★
CMFCStatusBar ★	-CMFCMaskedEdit ★			ColePropertyPage	CWinFormsView
CDockSite	CNetAddressCtrl		ngeSourceDialog	CPropertyPage Colore Property Page	
CAutoHideDockSite ★	CHeaderCtrl		vertDialog	CMFCCustomColorsPropertyPage ★	
└CPaneDivider ★	CMFCHeaderCtrl ★	COlelinse		-CMFCPropertyPage ★	
CControlBar	CHtmlEditCtrlBase	COleLink		- CMFCRibbonCustomize ★	
CDialogBar	CHtmlEditCtrl		odateDialog	CMFCRibbonCustomizePropertyPage ★	
COleResizeBar	CHotKeyCtrl		eSpecialDialog	- CMFCStandardColorsPropertyPage ★	
CReBar	CIPAddressCtrl		perties Dialog	-CMFCToolBarsCommandsPropertyPage	
CStatusBar	CLinkCtrl	CPageSetu		- CMFCToolBarsKeyboardPropertyPage ★	
CToolBar	CListBox	CPrintDialo		- CMFCToolBarsListPropertyPage ★	
CReBarCtrl	CCheckListBox	CDialogEx ★		- CMFCToolBarsMenuPropertyPage ★	
CRichEditCtrl	└CMFCToolBarsListCheckBox ★			- CMFCToolBarsOptionsPropertyPage ★	
CScrollBar	CDragListBox	CMFCDesk	topAlertDialog *	- CMFCToolBarsToolsPropertyPage ★	
CSliderCtrl	CMFCPropertySheetListBox ★	CMFCImag	eEditorDialog *	CMFCMousePropertyPage ★	
- CStatusBarCtrl	CMFCRibbonCommandsListBox	★ CMFCKeyN	1apDialog ★		
CToolBarCtrl	CMFCToolBarsCommandsListBo	ox ★	on Keyboard Customize Dialog	Legend	
	CPagerCtrl	CDHtmlDialo	og	Legend	
	CListCtrl	CMultiPage	eDHtmlDialog		ew classes to the Microsoft Foundation Class Library.
	CMFCListCtrl ★	CMFCToolBa	rButtonCustomizeDialog 🛨 🗎	New classes are indicated with a star.	
	CMFCShellListCtrl ★	CMFCToolBa	rNameDialog 🛨		asses all provide logical and data support for indi-
	-CMFCBaseTabCtrl ★	CMFCWindo	ws Manager Dialog ★ 📄	vidual controls or groups of controls.	
	-CMFCTabCtrl ★	Windows Fo	rms	Managers have the word "Manager" in the	eir name. They typically aggregate and coordinate
	CMFCPropertySheetTabCtrl			functionality that would otherwise be han usually provide logical and data support f	idled by individual classes. Control Support classes
	CMFCOutlookBarTabCtrl *			asaany provide logical alla data support i	or mairiadai contiols.
	- CMFCPropertyGridCtrl ★				

CMFCPropertyGridToolTipCtrl ★

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MFC Hierarchy Chart Part 3 of 3 Classes Not Derived From CObject

CCmdUI	
-CMFCRibbonCmdUI ★	
COleCmdUI	
CControlCreationInfo	
CControlCreationInfoEx	
CDataExchange	
CDateTimeCtrlImpl	
CDaoFieldExchange	
CDBVariant	
CDialogImpl	
CFieldExchange	
CImage	
CMDITabInfo ★	
CMenuHash ★	
CMenuImages	
CMFCControlBarImpl★	
CMFCControlRendererInfo★	
CMFCDesktopAlertWndInfo★	
CMFCDisableMenuAnimation	
CMFCDragFrameImpl ★	
${\sf CMFCRibbonQuickAccessToolBarDe}$	faultSta
CMFCRibbonStatusBarPaneInfo★	
COleDataObject	
COleDispatchDriver	
CPropExchange	
CRecentFileList	
CRectTracker	
CControlRectTracker	
CWaitCursor	
IControlSiteFactory	
Controls	
CPrintDialogEx ★	

Critic	Time
CFile	TimeSpan
CPair	•
-CA	SSOC
CPoi	nt
CRec	t
CSize	9
CTim	ie
CTim	ieSpan
DHTI	ML Support
	tmlControlSink
CHtn	nlEditCtrlBase
CDH ⁻	tmlElementEventSink
CDH	tmlSinkHandler
LCD	HtmlEventSink
_	
	e Windows Support
	meImpl★
Cruii	ScreenImpl★
Help	er Classes
CGlo	balUtils★
CMe	mDC★
CMF	CToolBarInfo ★
CMF	CToolTipInfo★
	tingsStoreSP★
CSet	migsstores. A

CFileTime	
CFileTimeSpan	
CPair	
CAssoc	
CPoint	
CRect	
CSize	
CTime	
CTimeSpan	
OHTML Suppo	rt
CDHtmlControl	Sink
CHtmlEditCtrlBa	ase
CDHtmlElemen	tEventSink
CDHtmlSinkHar	ndler
CDHtmlEvent	Sink
Frame Window CFrameImpl★	
CFullScreenImp	I ★
Helper Classes	
CGlobalUtils★	
CMemDC★	
CMFCToolBarIn	fo★
CMFCToolTipIn ⁻	fo★
CSettingsStoreS	SP★
CToolInfo	
Helper Templ a CEmbeddedBut	

Managers CCommandManager★ CNoTrackObject CControlSiteFactoryMgr COccManager **State Support** _AFX_DEBUG_STATE _AFX_THREAD_STATE _AFX_WIN_STATE AFX_MODULE_STATE AFX_MODULE_THREAD_STATE Wrappers CDIIIsolationWrapperBase CComCtlWrapper -CCommDlgWrapper CShellWrapper **Managed Types** CWin32Window **Manager Support** CMFCV isual Manager Bitmap Cache ★ CMFCV is ual Manager Bit map Cache Item★ **Memory Management** CComHeap CPaneContainerGC **OLE Automation** Types COleCurrency COleDateTime

COleDateTimeSpan

COleVariant

OLE Type Wrappers CFontHolder

CTypeLibCache

CPictureHolder

Registry Support CRegObject **Run-Time Object Model Support** CArchive CDumpContext CRuntimeClass **State Support** CMFCReBarState ★ ChTraitsCRT **Stream Support** IStream CArchiveStream - CStreamOnCString **String Support** CFixedStringLog CFixedStringMgr ChTraitsCRT CSimpleStringT CStringT CFixedStringT StrTraitMFC StrTraitMFC_DLL Synchronization/Thread Support

CProcessLocalObject

CThreadLocalObject

CProcessLocal

CThreadLocal

CThreadShotData

CMultiLock

CSingleLock

-
CSimpleList
CTypedSimpleList
CTypedPtrArray
CTypedPtrList
CTypedPtrMap
Structures AFX_GLOBAL_DATA★
CCreateContext
CMemoryState
COleSafeArray
CPrintInfo

Template Collections

Legend

★ The Version 9.0 Feature Pack adds new classes to the Microsoft Foundation Class Library. New classes are indicated with a star.

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Note: All MFC classes are native C++ classes, with the exception of CWin32Windows, a managed type.