MFC Hierarchy Chart Part 2 of 3

Classes That Derive From CCmdTarget or CWnd

- CObject

Application Architecture

- CCmdTarget

CommandTargets

- CConnectionPoint
- CDocItem
  - COleClientItem
    - COleDocObjectItem
    - CRichEditCntrItem
  - COleServerItem
    - CDocObjectServerItem
- CDocObjectServer

- CDocument
  - CHtmlEditDoc
  - COleDocument
    - COleLinkingDoc
      - COleServerDoc
        - COleServerDocEx ★
        - CRichEditDoc

- CDocTemplate
  - CSingleDocTemplate
  - CMultiDocTemplate
    - CMultiDocTemplateEx ★
- CDynLinkLibrary
- COleControlContainer
- COleControlSite
  - CBrowserControlSite
  - CWinFormsControlSite

- COleDataSource
  - CControlDataSource
  - CItemDataSource
- COleDropSource
  - CMFCToolBarDropSource ★
- COleDropTarget
  - CMFCTabDropTarget ★
  - CMFCToolBarDropTarget ★

- COleMessageFilter
- COleObjectFactory
  - COleTemplateServer
- CWinThread
  - CWinApp
    - COleControlModule
    - CWinAppEx ★

Synchronization

- CSyncObject
  - CCriticalSection
  - CEvent
  - CMutex
  - CSemaphore

Windows Sockets

- CAsyncSocket
  - CSocket

Window Support

- CWnd

ControlBars

- CBasePane ★
  - CPane ★
    - CDockablePane ★
      - CBaseTabbedPane ★
        - CMFCOutlookBar ★
        - CTabbedPane ★
      - CDockablePaneAdapter ★
        - CMFCOutlookBarPaneAdapter ★
      - CDummyDockablePane ★
      - CMFCTasksPane ★
      - CPaneDialog ★
    - CMFCAutoHideBar ★
    - CMFCBaseToolBar ★
      - CMFCToolBar ★
        - CMFCDropDownToolBar ★
        - CMFCImageEditorPaletteBar ★
        - CMFCMenuBar ★
        - CMFCMenuOutlookBarPane ★
          - CMFCOutlookBarPaneList ★
        - CMFCOutlookBarToolBar ★
        - CMFCPopupMenuBar ★
          - CMFCRibbonPanelMenuBar ★
        - CMFCPrintPreviewToolbar ★
        - CMFCTasksPaneToolBar ★
    - CMFCCaptionBar ★
    - CMFCReBar ★
    - CMFCRibbonBar ★
      - CMFCRibbonStatusBar ★
    - CMFCStatusBar ★
  - CDockSite
    - CAutoHideDockSite ★
  - CPaneDivider ★
- CControlBar
  - CDialogBar
  - COleResizeBar
  - CReBar
  - CStatusBar
  - CToolBar
- CReBarCtrl
- CRichEditCtrl
- CScrollBar
- CSliderCtrl
- CStatusBarCtrl
- CToolBarCtrl

Controls

- CAnimateCtrl
- CButton
  - CBitmapButton
    - CBitmapButton ★
    - CMFCColorButton ★
    - CMFCDesktopAlertWndButton ★
    - CMFCLinkCtrl ★
    - CMFCMenuButton ★
    - CMFCOutlookBarScrollButton ★
    - CMFCTabButton ★
  - CMFCColorPickerCtrl ★
  - CMFCImagePaintArea ★
  - CMFCToolBarButtonsListButton ★
  - CSplitButton
- CComboBox
  - CComboBoxEx
  - CMFCFontComboBox ★
- CDateTimeCtrl
  - CDateTimeCtrlImpl ★
  - CMFCToolBarDateTimeCtrlImpl ★
- CEdit
  - CMFCAcceleratorKeyAssignCtrl ★
  - CMFCToolBarComboBoxEdit ★
  - CMFCEditBrowseCtrl ★
    - CMFCToolBarEditCtrl ★
    - CVSListBoxEditCtrl ★
  - CMFCMaskedEdit ★
  - CNetAddressCtrl
- CHeaderCtrl
  - CMFCHeaderCtrl ★
- CHtmlEditCtrlBase
  - CHtmlEditCtrl
- CHotKeyCtrl
- CIPAddressCtrl
- CLinkCtrl
- CListBox
  - CCheckListBox
    - CMFCToolBarsListCheckBox ★
  - CDragListBox
  - CMFCPropertySheetListBox ★
  - CMFCRibbonCommandsListBox ★
  - CMFCToolBarsCommandsListBox ★
- CPagerCtrl
- CListCtrl
  - CMFCListCtrl ★
    - CMFCShellListCtrl ★
- CMFCBaseTabCtrl ★
  - CMFCTabCtrl ★
    - CMFCPropertySheetTabCtrl ★
  - CMFCOutlookBarTabCtrl ★
- CMFCPropertyGridCtrl ★
- CMFCPropertyGridToolTipCtrl ★

More Controls

- CMonthCalCtrl
- COleControl
- CProgressCtrl
- CMFCRibbonKeyTip ★
- CRichEditCtrl
  - CMFCRibbonRichEditCtrl ★
- CSpinButtonCtrl
  - CMFCSpinButtonCtrl ★
    - CMFCRibbonSpinButtonCtrl ★
- CStatic
  - CVSListBoxBase ★
    - CVSListBox ★
      - CVSToolsListBox ★
- CTabCtrl
- CToolTipCtrl
  - CMFCToolTipCtrl ★
- CTreeCtrl
  - CMFCShellTreeCtrl ★
- CWinFormsCtrl

Dialog Boxes

- CDialog
  - CCommonDialog
    - CColorDialog
    - CFileDialog
    - CFindReplaceDialog
    - CFontDialog
    - COleDialog
      - COleBusyDialog
      - COleChangeIconDialog
      - COleChangeSourceDialog
      - COleConvertDialog
      - COleInsertDialog
      - COleLinksDialog
        - COleUpdateDialog
      - COlePasteSpecialDialog
      - COlePropertiesDialog
    - CPageSetupDialog
    - CPrintDialog
  - CDialogEx ★
    - CMFCColorDialog ★
    - CMFCDesktopAlertDialog ★
    - CMFCImageEditorDialog ★
    - CMFCKeyMapDialog ★
    - CMFCRibbonKeyboardCustomizeDialog ★
  - CDHtmlDialog
    - CMultiPageDHtmlDialog
  - CMFCToolBarButtonCustomizeDialog ★
  - CMFCToolBarNameDialog ★
  - CMFCWindowsManagerDialog ★

Windows Forms

- CWinFormsDialog

Frame Windows

- CFrameWnd
  - CFrameWndEx ★
  - CMDIChildWnd
    - CMDIChildWndEx ★
  - CMDIFrameWnd
    - CMDIFrameWndEx ★
  - CMiniFrameWnd
    - CMFCDropDownFrame ★
    - CMFCPopupMenu ★
      - CMFCColorPopupMenu ★
      - CMFCDropDownListBox ★
      - CMFCRibbonPanelMenu ★
        - CMFCRibbonMiniToolBar ★
  - COleCntrFrameWnd
    - COleCntrFrameWndEx ★
  - COleIPFrameWnd
    - COleDocIPFrame ★
      - COleDocIPFrameWndEx ★
    - COleIPFrameWndEx ★
- CMDIClientAreaWnd ★
- CMFCDesktopAlertWnd ★
- CPaneFrameWnd ★
  - CMultiPaneFrameWnd ★
  - CMFCTasksPaneFrameWnd ★
- CSmartDockingHighlighterWnd ★
- CSplitterWnd
  - CSplitterWndEx ★

Property Pages

- COlePropertyPage
- CPropertyPage
  - CMFCCustomColorsPropertyPage ★
  - CMFCPropertyPage ★
  - CMFCRibbonCustomize ★
  - CMFCRibbonCustomizePropertyPage ★
  - CMFCStandardColorsPropertyPage ★
  - CMFCToolBarsCommandsPropertyPage ★
  - CMFCToolBarsKeyboardPropertyPage ★
  - CMFCToolBarsListPropertyPage ★
  - CMFCToolBarsMenuPropertyPage ★
  - CMFCToolBarsOptionsPropertyPage ★
  - CMFCToolBarsToolsPropertyPage ★
  - CMFCMousePropertyPage ★

Property Sheets (Tab Dialog Boxes)

- CPropertySheet
  - CMFCColorPropertySheet ★
  - CMFCPropertySheet ★
  - CMFCRibbonCustomizeDialoog ★
  - CMFCToolBarsCustomizeDialog ★

Socket Support

- CSocketWnd

Support for Docking

- CSmartDockingGroupGuidesWnd ★
- CSmartDockingHighlighterWnd ★
- CSmartDockingStandaloneGuideWnd ★

Views

- CView
  - CCtrlView
    - CEditView
    - CListView
    - CRichEditView
    - CTreeView
  - CScrollView
    - CFormView
      - CDaoRecordView
      - CHtmlEditView
      - CHtmlView
      - CRecordView
      - COleDBRecordView
    - CPreviewView
      - CPreviewViewEx ★
  - CTabView ★
  - CWinFormsView

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.

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