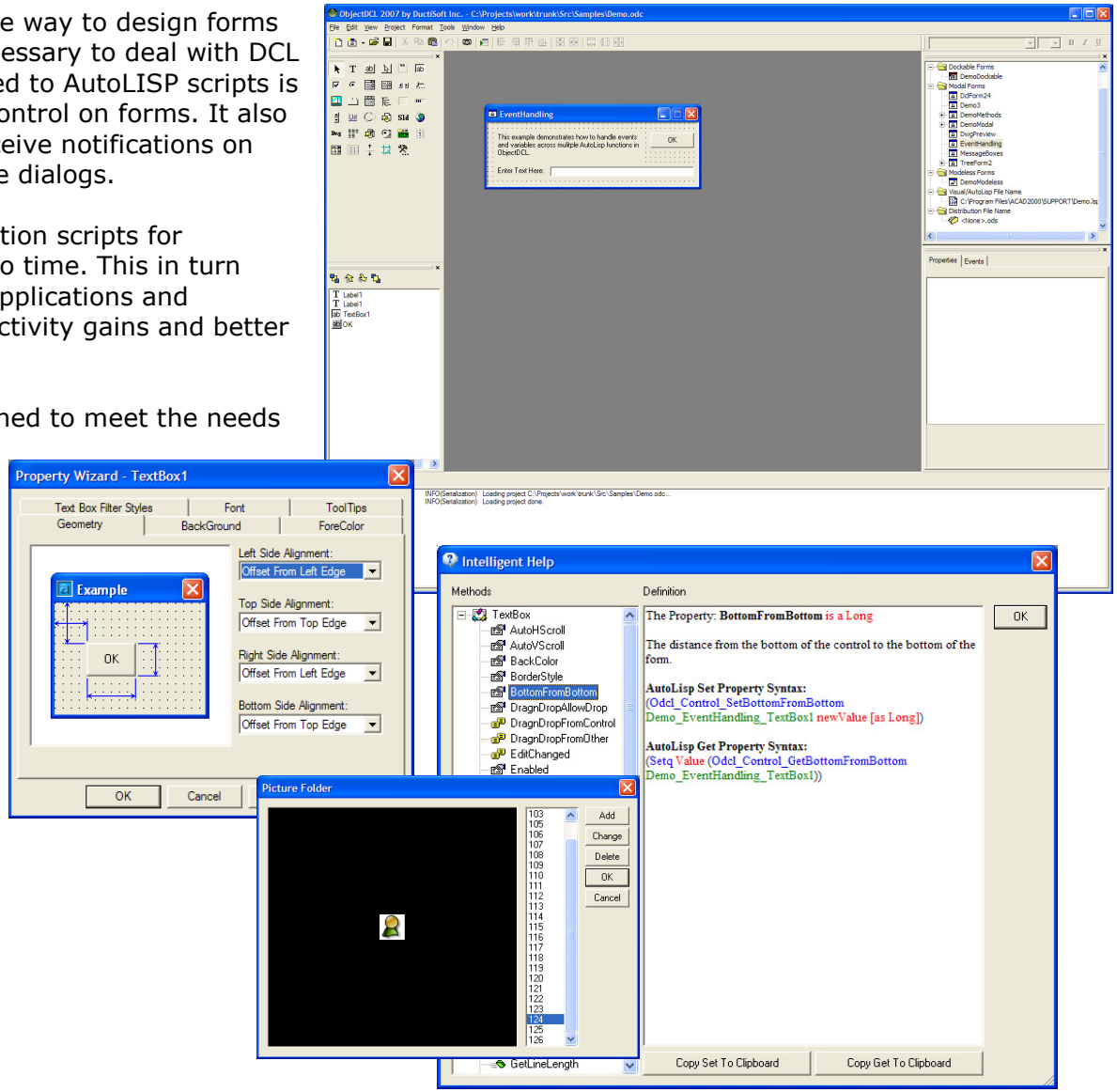
The ObjectDCL Editor is an integrated development environment for designing dialogs, forms, panes and dockable windows for AutoCAD AutoLISP scripts.

Developers have a visual interactive way to design forms quickly and efficiently. It is not necessary to deal with DCL language anymore. The API exposed to AutoLISP scripts is simple to use. It allows complete control on forms. It also provides a number of events to receive notifications on how the end-user interacts with the dialogs.

Developers can make their automation scripts for AutoCAD become user friendly in no time. This in turn leads to greater adoption of their applications and therefore to larger customer productivity gains and better sales.

The ObjectDCL technology is designed to meet the needs of technical drafters, automation scripts developers, consultants and software manufacturers. The technology has a distributable portion (called ARX) that can be deployed easily and reliably on technical drafter workstations. Scripts and ObjectDCL dialogs can be created for internal use or for commercial software.



Copyright © 2007-2010 DuctiSOFT inc.

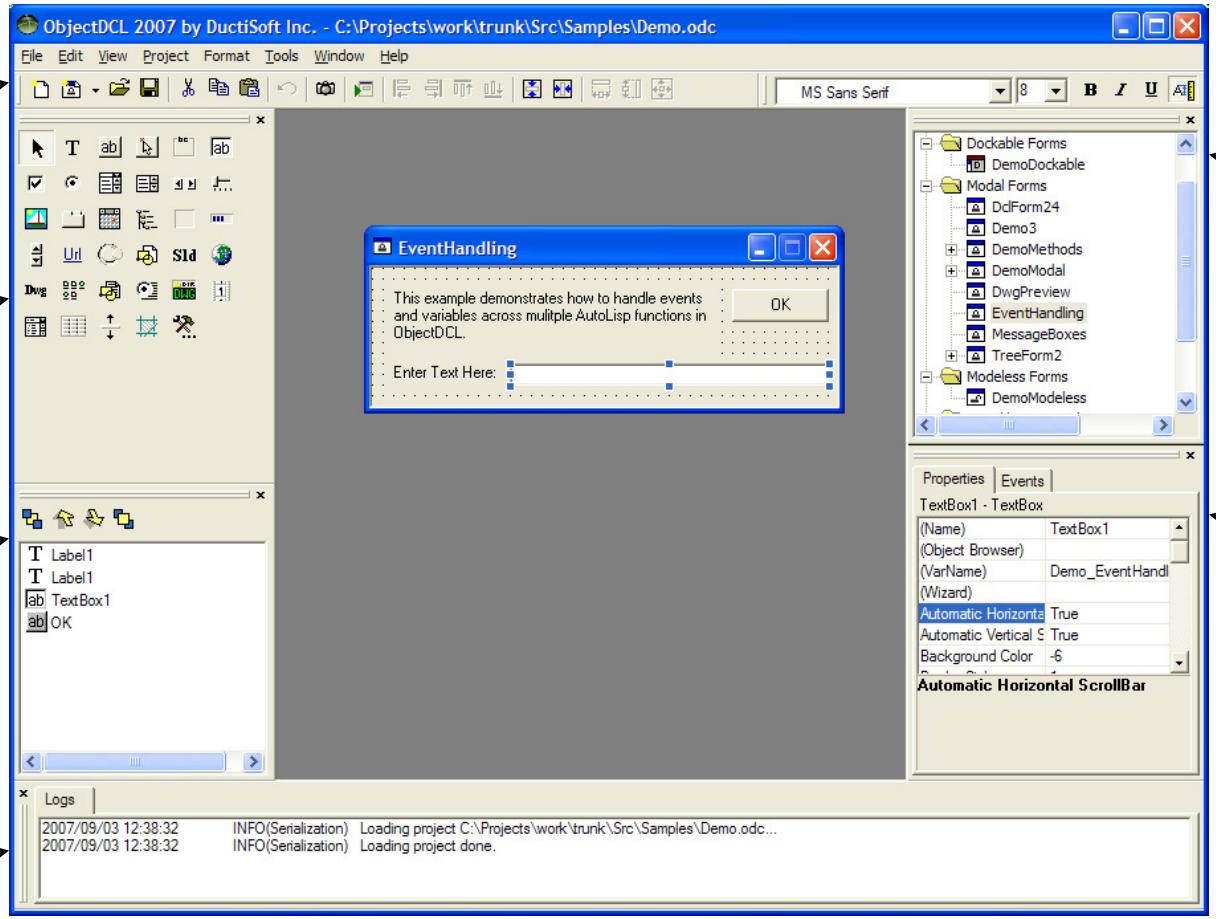
ObjectDCL Editor Interface

ToolBar
Start a new project, create new forms, load or save a project.
Cut, copy or paste controls.
Undo changes.
Manage pictures.
Preview dialogs.
Align, position and resize controls.
Adjust control fonts.

ToolBox
Select the control you wish to lay out on the form

Tab and Z Order
Order controls for TAB traversal and at the same time define which control lies in front of others.
Top most control is at the end of the list.

Logs
Information regarding operations carried out.



Project Manager
Find and open existing dialogs.
Define the AutoLISP source file.
Define the distribution file path.

Properties and Events
Edit control and form properties.
Enable event handlers.

Copyright © 2007-2010 DuctiSOFT inc.

ObjectDCL ToolBar

Validate
Validate the project with the AutoLISP source files.

New Project
Start a new project.

Add Dialog
Create a new dialog.

Load Project
Load a project.

Save Project
Save the current project.

Cut Selection
Cut selected controls.

Copy Selection
Copy selected controls.

Paste
Paste controls.

Undo
Undo previous change.

Manage Pictures
Manage project pictures.

Preview
Quick view of the dialog as it will appear in AutoCAD.
NOTE: The AutoLISP script is not executed. The preview is not interactive.
NOTE: Dockable and modeless forms are previewed as modal forms.

Align To Left
Align all selected controls to the left edge of the last selected one.

Align To Right
Align all selected controls to the right edge of the last selected one.

Align To Top
Align all selected controls to the top of the last selected one.

Align To Bottom
Align all selected controls to the bottom of the last selected one.

Center Vertically
Position all selected controls at the center of the dialog.

Center Horizontally
Position all selected controls at the center of the dialog.

Make Same Width
Make all selected controls the same width as the last selected one.

Make Same Height
Make all selected controls the same height as the last selected one.

Make Same Size
Make all selected controls the same size as the last selected one.

Font Selection
Change the font of selected controls.

Font Size
Change the font size of selected controls.

Bold
Change the font style of selected controls.

Italic
Change the font style of selected controls.

Underline
Change the font style of selected controls.

Font Scaling
Change the font scaling of selected controls. The size is either absolute by pixels or relative to monitor resolution.

Copyright © 2007-2010 DuctiSOFT inc.

ObjectDCL ToolBox

List View
Insert a list view.

Block List
Insert a list of drawing blocks.

Drawing Preview
Insert a drawing preview.

User Control (ActiveX)
Insert an ActiveX user control.

HTML Browser
Insert a HTML browser.

Grid
Insert a grid.

Selection
Turn to control selection mode.

Label
Insert a label.

Text Button
Insert a text button.

Graphic Button
Insert a graphic button.

Frame
Insert a frame to mark a section.

Text Field
Insert a text input field.

Check Box
Insert a check box.

Radio Button
Insert a radio button.

Combo Box
Insert a combo box. The style can be set.

List Box
Insert a list box. The style can be set.

Horizontal Scroll Bar
Insert a horizontal scroll bar.

Slider
Insert a slider.

Picture Box
Insert a picture box.

Tabbed Folder
Insert a tabbed folder.

Calendar
Insert a calendar.

Tree
Insert a tree.

Rectangle
Insert a rectangle.

Progress Bar
Insert a progress indication bar.

Vertical Scroll Bar
Insert a vertical scroll bar.

Hyperlink
Insert a hyperlink.

Angle Slider
Insert an angler slider.

Block View
Insert a view on drawing blocks.

Slide View
Insert a view on slides.

Option List
Insert a list of options.

Drawing List
Insert a list of drawings.

Animation
Insert a simple AVI animation.

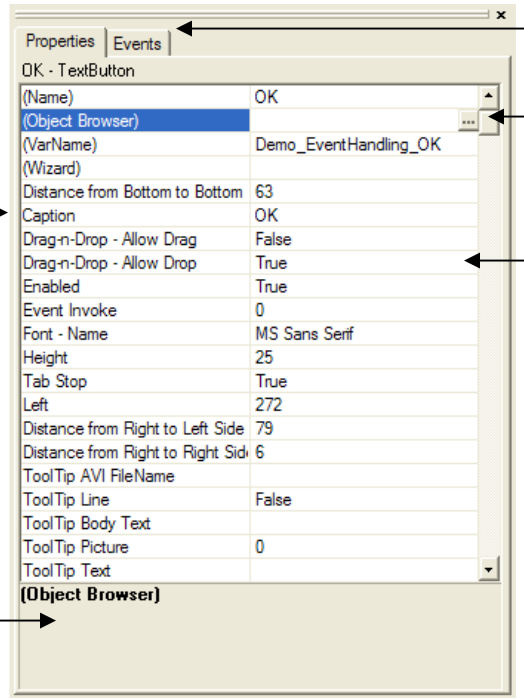
Image Combo Box
Insert a combo box with icons support.

Spreadsheet
Insert a spreadsheet.

Splitter
Insert a dialog splitter.

Copyright © 2007-2010 DuctiSOFT inc.

ObjectDCL Properties and Events



Switch to Events
Switch to Events tab for enabling and disabling event handlers.

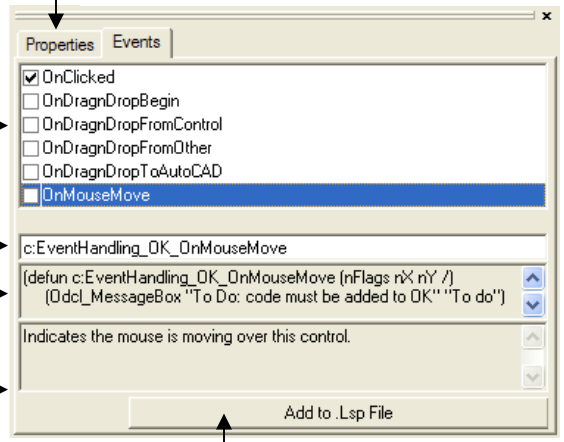
More Options
Edit a complex property through a dialog.

Property Name
Display the property name.

Property Value
Set the property value.

Switch to Properties
Switch to Properties tab for control customization.

Property Name and Description
Display the property name and a short description.



Event Name
Display the event name.
Check to activate handler and uncheck to deactivate.

Event Handler Name
Display the event handler's name.

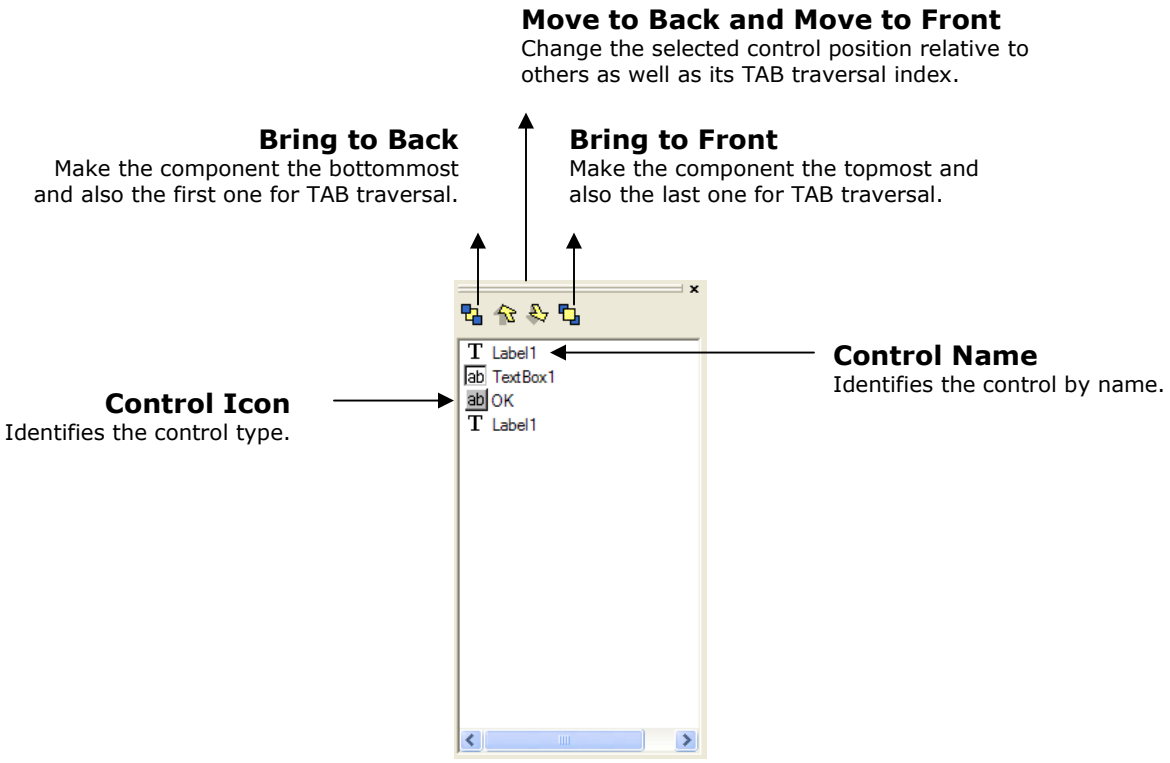
Function Prototype
Display the event handler prototype in AutoLISP language.

Event Description
Display a short description of the event handler.

Add to AutoLISP Source
Add the function prototype to the project's AutoLISP source file.

Copyright © 2007-2010 DuctiSOFT inc.

ObjectDCL Tab and Z Order



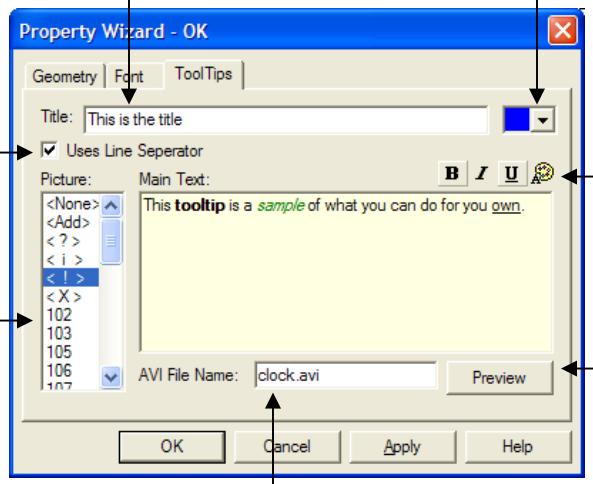
Copyright © 2007-2010 DuctiSOFT inc.

ObjectDCL ToolTips

Optional ToolTip Title
Provide a title to your tooltip if needed.

Optional ToolTip Title Color
Provide a color for the title (default: BLACK).

Preview
What is seen with this sample when previewed.

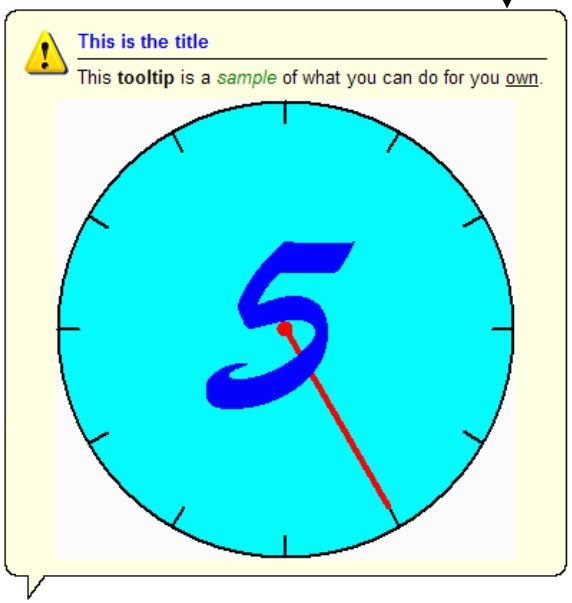


Optional Separator
Put a separator between the title and the main text.

Optional Picture
Select a default icon or a project picture.

Main Text Style
Select a portion of text and set the desired style. In order: bold, italic, underline and color.

Preview
Preview the tooltip.



Optional Animation
Provide the file name of the animation (collocated with the project) or the absolute path to the file.

Copyright © 2007-2010 DuctiSOFT inc.