Getting Started with Dialog Designer for ArcView 3.x

The ArcView Dialog Designer - Robert Meier, City of Overland Park

What is a Dialog and What can it do?

- A Dialog is a user interface tool that allows you to build applications in ArcView
- Create your own input forms
- Organize tools in separate windows
- Link a dialog directly to your data
- Add buttons directly to a View or Layout

How does Dialog Designer work?

Load the Extension

New document type called Dialogs

Controls to add to the dialog

TextLine and TextBox

TextLabel

RadioButton

SliderBar

ControlPanel

CheckBox

IconBox

Label Button, Button and Tool

ListBox and ComboBox

How does Dialog Designer work?

- Add controls to the dialog
- Set control properties
- Write Avenue scripts for control events.

How does Dialog Designer work?

Dialog Designer is event driven.

- Activate - when the dialog is activated.
- Changed - whenever text is typed in a texline.
- Click - when a button is clicked.
- Close - when a dialog is closed
- Empty - when a textline is empty
- Open - when a dialog is opened
- Select - when an item is selected in a listbox

How does Dialog Designer work?

Broadcast and Listener relationship

Enabling and Disabling controls depending on what the application is doing.

The SelectAll and ClearAll buttons are Listening to what the ListBox is Broadcasting and acting accordingly.

Getting Started with Dialog Designer for ArcView 3.x

There is a really great dialog designer reference that comes with ArcView, “Using the ArcView Dialog Designer”.

Robert Meier, GIS Analyst

City of Overland Park, Kansas

913/895-6203

rmeier@opkansas.org

How ‘bout the DEMO!!!