

Edit Common Properties Plugin

This sample plugin provides a mechanism for editing multiple rows of data at the same time. It is useful for learning how to create multiple commands which perform similar actions on different data collections, and are placed at different locations in the application. The file *EditCommonPropertiesPopup.cs* contains the design and code for creating the popup which is displayed by the commands and the remaining five command files contains the code for each custom command.

Installation:

1. Copy the plugin DLL (*EditCommonPropertiesPlugin.dll*) into the ArcLogistics install directory.

Usage:

1. An *Edit Selected* button will appear on the button groups of Drivers, Vehicles and Default Routes action panels of the *Setup* tab, and to the *Orders* and *Routes* views of the *Optimize and Edit* action panel of the *Schedule* tab. Each button will be active only when one or more rows of the associated view are selected.
2. Select one or more rows from any of the five views and then click the *Edit Selected* button.
3. In the popup that appears, a combo box allows you to select the name of a mutable property of the data type in the selected rows. For example, if you select rows in the *Orders* view and click the corresponding *Edit Selected* button, the combo box will contain the names of all mutable properties of the *Order* type.
4. Select any property and enter a value into the textbox.
5. Pressing *Apply* or *OK* will change the value of the selected property to the specified value for all selected rows.

Customization:

1. Open the Visual Studio project *EditCommonPropertiesPlugin*.
2. Modify references and project settings if needed.
3. Modify the code in the *Execute* method of any of the five Commands to change plugin behavior. It contains logic for displaying the popup dialog. The *makeEdit* method contains all the logic for changing property values.
4. It may also be useful to change some of the other methods or properties, such as *Title* and *Tooltip*.
5. Modify the popup's design and code in *EditCommonPropertiesPopup.cs* to change how the page looks and reacts to user interaction.
6. Rebuild the project to obtain the new dll.
7. Copy the dll into the install directory, and run ArcLogistics to check the results.