UserInterface

DataViewerControl

- dataViewerSplitContainer: SplitContainer
- dataViewAndFilterSplitContainer: SplitContainer
- dataSetDataGridView: DataGridView
- dataShowingLabel: Label
- pageNumberLabel: Label
- prevousPageButton: Button
- nextPageButton: Button
- stringFilterTextBox: TextBox
- endDatePicker: DateTimePicker
- toTextBox: TextBox
- fromTextBox TextBox
- toLabel: Label
- fromLabel: Label
- filterColumnSelector: ComboBox
- startDatePicker: DateTimePicker
- filteringCriteriaLabel: Label
- searchButton: Button
- stringFilterLabel: Label
- endDateLabel: Label
- startDateLabel: Label

+ dataViewerControl()
+ Initialize(DataSetManager manager): void
- nextPageButton_Click(object sender, EventArgs e): void
- void prevousPageButton_Click(object sender, EventArgs e): void
- UpdatePageInfoLabelsAndButtons(int page): void
- searchButton_Click(object sender, EventArgs e) : void

Program

+ Main()

MainWindow

- mainWindowTabs: TabControl
- dataViewTab: TabPage
- graphicsTab: TabPage

+ MainWindow()
- mainWindowTabs_DrawItem(Object sender, System.Windows.Forms.DrawItemEventArgs e): void

Model

DataSetManager

- data: DataTable
- currentPageData: DataTable
- datCount: int
- currentPage: int
- maxPage: int
- lowerLimit: int
- operLimit: int
+ DataCountPerPage: int = 250

+ Data(): DataTable
+ CurrentPageData(): DataTable
+ DataCount(): int
+ CurrentPage(): int
+ MaxPage(): int
+ LowerLimit(): int
+ OperLimit(): int
+ DataSetManager()
- loadData(): void
- RefreshData(): void
+ NextPage(): int
+ PreviousPage(): int
- UpdatePageLimits(): void