DataGrid UML Class Diagram

Abstract Class

DataTable

- headers: string[]
- dataTable: string[][]

+ ImportFile(serive): void

FilteredDataTable

- headers: DataColumn
- dataTable: DataTable
- filteredDataTable: DataTable
- filters: List<Filter>

+ ImportFile(in serice: csvReadService): void
+ ApplyFilters(in dataGrid, in filterString): BindingSource

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0..*

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Filter

- column: DataColumn
- operator: string
- filterValue: string
- logicalOperator?: int

+ Filter(in DataTable): DataTable

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CSVReadingService

- FilePath: string
- dataTable: DataTable

+ ReadFile(): void

0..*

<<Interface>>

IFileReadingService

- FilePath: string
- dataTable: DataTable

+ ReadFile(): void

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