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MiscExporter

Inherits From:	NSObject
Declared In:	MiscExporter.h

Class Description

This class provides an easy means to export the contents of an instance of MiscTableScroll in the following output formats:

- ASCII fixed field widths
- ASCII tab separated fields
- ASCII delimited (quoted fields, comma-separated)
- dBASEIII (dbf)

Instance Variables

MiscTableScroll ***tableScroll**;
MiscExportFormat **exportFormat**;
MiscExportTitleMode **rowTitleMode**;
MiscExportTitleMode **columnTitleMode**;
MiscExportGridMode **rowGrid**;
MiscExportGridMode **columnGrid**;

tableScroll	The table scroll object to export.
exportFormat	Output format.
rowTitleMode	Row title option setting.
columnTitleMode	Column title option setting.
rowGrid	Row grid option setting.
columnGrid	Column grid option setting.

Method Types

Initializing	+ commonInstance
	± init
Exporting	± exportTableScroll:
	± exportTableScroll:toFilename:
Setting and getting attributes	± getColumnExportGridMode
	± getColumnExportTitleMode
	± getExportFormat
	± getRowExportGridMode
	± getRowExportTitleMode
	± setColumnExportGridMode:
	± setColumnExportTitleMode:
	± setExportFormat:
	± setRowExportGridMode:
	± setRowExportTitleMode:

Class Methods

commonInstance

+ (MiscExporter*)**commonInstance**

Returns a pointer to a single shared instance, which can be used from anywhere.

Instance Methods

exportTableScroll:
- (int)**exportTableScroll:**(MiscTableScroll*)*ts*

Runs the NSSavePanel with an accessory view for the user to choose the output filename and other options for exporting the MiscTableScroll, *ts*.   You can pre-initialize the MiscExporter object with any settings that you choose, but the user will be able to override your pre-set values via the accessory view on the SavePanel.   Returns zero (0) on success, minus one (-1) if the user pressed "Cancel" at the save panel, or the MiscTableScroll has no columns, or *errno* if there was an error opening or closing the file.

exportTableScroll:toFilename:
- (int)**exportTableScroll:**(MiscTableScroll*)*ts* **toFilename:**(NSString*)*filename*

Uses the current option settings and exports the MiscTableScroll, *ts*, to *filename*, over-writing the file if it is present. This method does not run the SavePanel.   Returns zero (0) on success, minus one (-1) if *ts* is NULL or has no

columns, or *errno* if there was an error opening or closing the file.

getColumnExportGridMode

- (MiscExportGridMode)**getColumnExportGridMode**

Returns *columnGrid*.

getColumnExportTitleMode

- (MiscExportTitleMode)**getColumnExportTitleMode**

Returns *columnTitleMode*.

getExportFormat

- (MiscExportFormat)**getExportFormat**

Returns *exportFormat*.

getRowExportGridMode

- (MiscExportGridMode)**getRowExportGridMode**

Returns *rowGrid*.

getRowExportTitleMode
- (MiscExportTitleMode)**getRowExportTitleMode**

Returns *rowTitle*.

init
- (id)**init**

Initializes a newly allocated MiscExporter object.   The default settings are:

```
exportFormat      MISC_EXPORT_ASCII_FIXED
rowTitleMode      MISC_EXPORT_TITLES_OFF
columnTitleMode   MISC_EXPORT_TITLES_ON
rowGrid           MISC_EXPORT_GRID_OFF
columnGrid        MISC_EXPORT_GRID_LINE
```

Returns **self**.

setColumnExportGridMode:
- (void)**setColumnExportGridMode:**(MiscExportGridMode)*gridMode*

Assigns *gridMode* to *columnGrid*.   Column grid mode controls the   lines/spaces between columns in fixed-width ASCII output format.   The available values are:

```
typedef enum
    {
    MISC_EXPORT_GRID_OFF,        // No grid
    MISC_EXPORT_GRID_LINE,       // Lines, col-grid='|', row-grid='-'
    MISC_EXPORT_GRID_SPACE,      // Spaces col-grid=' ', row-grid=' '
    } MiscExportGridMode;
```

Grid mode only affects `MISC_EXPORT_ASCII_FIXED` export format.   The other output formats do not produce a grid of any kind under any circumstances.

setColumnExportTitleMode:
- (void)**setColumnExportTitleMode:**(MiscExportTitleMode)*titleMode*

Assigns *titleMode* to *columnTitle*.   Column title mode controls whether or not titles are included in the output for all

ASCII formats, and controls the formatting of the titles for fixed-width ASCII output format.   Column title mode has no impact on dBASEIII (.dbf) output format.   The available values are:

```
typedef enum
    {
    MISC_EXPORT_TITLES_OFF,       // No titles.
    MISC_EXPORT_TITLES_ON,        // Full width, expand column if needed.
    MISC_EXPORT_TITLES_WRAP,      // Wrap titles within data width.
    MISC_EXPORT_TITLES_TRUNCATE, // Truncate titles to data width.
    } MiscExportTitleMode;
```

setExportFormat:
  -   (void)**setExportFormat:**(MiscExportFormat)*format*

Assigns *format* to *exportFormat*.   The available values are:

```
typedef enum
    {
    MISC_EXPORT_ASCII_FIXED,
    MISC_EXPORT_ASCII_TAB,
    MISC_EXPORT_ASCII_DELIMITED,
    MISC_EXPORT_DBF
    } MiscExportFormat;
```

setRowExportGridMode:
  - (void)**setRowExportGridMode:**(MiscExportGridMode)*gridMode*

Assigns *gridMode* to *rowGrid*. See `-setColumnExportGridMode:`.

setRowExportTitleMode:
  - (void)**setRowExportTitleMode:**(MiscExportTitleMode)*titleMode*

Assigns *titleMode* to *rowTitleMode*.   Turning on titles will include physical row numbers if no explicit row titles have been set for the MiscTableScroll object.   Row titles are either on or off. `MISC_EXPORT_TITLES_OFF` turns the titles off. Any other value turns them on.   The other formatting values do not affect row titles.   See `-setColumnExportTitleMode:`.