Namespace FileFormat.Slides

Classes

Comment

Represents a comment within the system.

CommentAuthor

Represents an author of a comment.

Image

This class represents the image within a slide.

Presentation

Represents the presentation document.

Slide

Represents the slide object within a presentatction

StyledList

This class represents the text list with bullet style.

Table

This class is responsible to create table in a PPT/PPTX presentataion.

Table.TableStyle

Inner class representing different table styles.

TableCell

Represents a cell within a table row.

TableColumn

Represents a column within a table.

TableRow

Represents a row within a table.

TextSegment

This class represents the text segment within a paragraph.

TextShape

This class represents the text shape within a slide.

Class Comment

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents a comment within the system.

```
public class Comment
```

Inheritance

object ← Comment

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

Comment()

Initializes a new instance of the Comment class.

```
public Comment()
```

Properties

AuthorId

Gets or sets the ID of the comment's author.

```
public int AuthorId { get; set; }
```

Property Value

int

CommentIndex

Gets or sets the index of the comment.

```
public int CommentIndex { get; set; }
```

Property Value

int

Facade

Gets or sets the CommentFacade object.

```
public CommentFacade Facade { get; set; }
```

Property Value

CommentFacade

InsertedAt

Gets or sets the time when the comment was inserted.

```
public DateTime InsertedAt { get; set; }
```

Property Value

DateTime

Text

Gets or sets the content of the comment.

```
public string Text { get; set; }
```

Property Value

string

X

Gets or sets the X-coordinate of the comment.

```
public long X { get; set; }
```

Property Value

long

Y

Gets or sets the Y-coordinate of the comment.

```
public long Y { get; set; }
```

Property Value

long

Methods

Remove()

Method to remove the comment.

```
public void Remove()
```

Class CommentAuthor

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents an author of a comment.

```
public class CommentAuthor
```

Inheritance

object ← CommentAuthor

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ColorIndex

Gets or sets the color index associated with the author.

```
public int ColorIndex { get; set; }
```

Property Value

int

Id

Gets or sets the ID of the author.

```
public int Id { get; set; }
```

Property Value

int

InitialLetter

Gets or sets the initial letter of the author's name.

```
public string InitialLetter { get; set; }
```

Property Value

string

Name

Gets or sets the name of the author.

```
public string Name { get; set; }
```

Property Value

string

Class Image

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

This class represents the image within a slide.

```
public class Image
```

Inheritance

object ← Image

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

Image()

Blank constructor to initialize the image object

```
public Image()
```

Image(string)

Initialize the image object

```
public Image(string imagePath)
```

Parameters

`imagePath` string

Image path as string

Properties

Facade

Property to get or set the ImageFacade instance.

```
public ImageFacade Facade { get; set; }
```

Property Value

ImageFacade

Height

Property to get or set the height of an image.

```
public double Height { get; set; }
```

Property Value

double

ImageIndex

Property to get or set the image index within the slide.

```
public int ImageIndex { get; set; }
```

Property Value

int

ImagePath

Property to get or set the image path.

```
public string ImagePath { get; set; }
```

Property Value

string

Name

Property to get or set the image index within the slide.

```
public string Name { get; set; }
```

Property Value

string

Width

Property to get or set the width of an image.

```
public double Width { get; set; }
```

Property Value

double

X

Property to get or set the X coordinate of an image.

```
public double X { get; set; }
```

Property Value

double

Y

Property to get or set the Y coordinate of an image.

```
public double Y { get; set; }
```

Property Value

double

Methods

GetImages(List<ImageFacade>)

Method to get the list of the images within a slide

```
public static List<Image> GetImages(List<ImageFacade> imageFacades)
```

Parameters

`imageFacades` List<ImageFacade>

An object of ImageFacade.

Returns

List<Image>

Remove()

Method to remove the image.

```
public void Remove()
```

Update()

```
public void Update()
```

Class Presentation

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents the presentation document.

```
public class Presentation
```

Inheritance

object ← Presentation

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Facade

```
public PresentationDocumentFacade Facade { get; }
```

Property Value

PresentationDocumentFacade

Methods

AppendSlide(Slide)

This method is responsible to append a slide.

```
public void AppendSlide(Slide slide)
```

Parameters

`slide` Slide

An object of a slide

Create(string)

Static method to instantiate a new object of Presentation class.

```
public static Presentation Create(string FilePath)
```

Parameters

`FilePath` string

Presentation path as string

Returns

Presentation

An instance of Presentation object

Examples

```
Presentation presentation = Presentation.Create("D:\\AsposeSampleResults\\test2.pptx");
TextShape shape = new TextShape();
shape.Text = "Title: Here is my first title From FF";
TextShape shape2 = new TextShape();
shape2.Text = "Body : Here is my first title From FF";
 // First slide
Slide slide = new Slide();
slide.AddTextShapes(shape);
slide.AddTextShapes(shape2);
// 2nd slide
Slide slide1 = new Slide();
slide1.AddTextShapes(shape);
slide1.AddTextShapes(shape2);
// Adding slides
presentation.AppendSlide(slide);
presentation.AppendSlide(slide1);
presentation.Save();
```

CreateAuthor(CommentAuthor)

Create comment author using this method

```
public void CreateAuthor(CommentAuthor author)
```

Parameters

`author` CommentAuthor

Pass comment author object

ExtractAndSaveImages(string)

Extract and save images of a presentation into a director

```
public void ExtractAndSaveImages(string outputFolder)
```

Parameters

`outputFolder` string

Folder path as string

GetCommentAuthors()

Get the list of comment author

```
public List<CommentAuthor> GetCommentAuthors()
```

Returns

List<CommentAuthor>

GetSlides()

Method to get the list of all slides of a presentation

```
public List<Slide> GetSlides()
```

Returns

List<Slide>

Examples

```
Presentation presentation = Presentation.Open("D:\\AsposeSampleData\\sample.pptx");
var slides = presentation.GetSlides();
var slide = slides[0];
...
```

InsertSlideAt(int, Slide)

Method to insert a slide at a specific index

```
public void InsertSlideAt(int index, Slide slide)
```

Parameters

`index` int

Index of a slide

`slide` Slide

A slide object

Open(string)

Static method to load an existing presentation.

```
public static Presentation Open(string FilePath)
```

Parameters

`FilePath` string

Presentation path as string

Returns

Presentation

Examples

```
Presentation presentation = Presentation.Open("D:\\AsposeSampleData\\sample.pptx");
TextShape shape1 = new TextShape();
shape1.Text = "Title: Here is my first title From FF";
TextShape shape2 = new TextShape();
shape2.Text = "Body : Here is my first title From FF";
 // New slide
Slide slide = new Slide();
slide.AddTextShapes(shape1);
slide.AddTextShapes(shape2);
// Adding slide
presentation.AppendSlide(slide);
presentation.Save();
```

RemoveCommentAuthor(CommentAuthor)

Method to remove comment author.

```
public void RemoveCommentAuthor(CommentAuthor author)
```

Parameters

`author` CommentAuthor

RemoveSlide(int)

Method to remove a slide at a specific index

```
public string RemoveSlide(int slideIndex)
```

Parameters

`slideIndex` int

Index of a slide

Returns

string

Examples

```
Presentation presentation = Presentation.Open("D:\\AsposeSampleData\\sample.pptx");
var confirmation = presentation.RemoveSlide(0);
Console.WriteLine(confirmation);
presentation.Save();
```

Save()

Method to save the new or changed presentation.

```
public void Save()
```

Class Slide

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents the slide object within a presentatction

```
public class Slide
```

Inheritance

object ← Slide

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

Slide()

Constructor for the Slide class.

```
public Slide()
```

Remarks

it intializes the Slide Facade set the slide index and intializes the lists of text shapes and images.

Slide(bool)

Contructor which accepts bool value

```
public Slide(bool isNewSlide)
```

Parameters

`isNewSlide` bool

Properties

BackgroundColor

Property to set background color of a slide.

```
public string BackgroundColor { get; set; }
```

Property Value

string

Images

Property contains the list of all images within a slide.

```
public List<Image> Images { get; set; }
```

Property Value

List<Image>

RelationshipId

Property for the relationship Id.

```
public string RelationshipId { get; set; }
```

Property Value

string

SlideFacade

Property for respective Slide Facade.

```
public SlideFacade SlideFacade { get; set; }
```

Property Value

SlideFacade

SlideIndex

Property to hold the index of the slide.

```
public int SlideIndex { get; set; }
```

Property Value

int

SlidePresentation

```
public Presentation SlidePresentation { get; set; }
```

Property Value

Presentation

Tables

```
public List<Table> Tables { get; set; }
```

Property Value

List<Table>

TextShapes

Property contains the list of all text shapes.

```
public List<TextShape> TextShapes { get; set; }
```

Property Value

List<TextShape>

Methods

AddComment(Comment)

Method to add comments to a slide.

```
public void AddComment(Comment comment)
```

Parameters

`comment` Comment

An object of Comment class

AddImage(Image)

Method to add images to a slide.

```
public void AddImage(Image image)
```

Parameters

`image` Image

An object of Image class

AddTable(Table)

Method to add table to a slide.

```
public void AddTable(Table table)
```

Parameters

`table` Table

An object of Table class

AddTextShapes(TextShape)

Method to add a text shape in a slide.

```
public void AddTextShapes(TextShape textShape)
```

Parameters

`textShape` TextShape

An object of TextShape class.

AddTextShapes(TextShape, List<TextSegment>)

```
public void AddTextShapes(TextShape textShape, List<TextSegment> textSegments)
```

Parameters

`textShape` TextShape

`textSegments` List<TextSegment>

GetComments()

Method to get the list of comments.

```
public List<Comment> GetComments()
```

Returns

List <Comment>

GetTextShapesByText(string)

Get text shapes by searching a text term.

```
public List<TextShape> GetTextShapesByText(string text)
```

Parameters

`text` string

Search term as string

Returns

List <TextShape>

Update()

Method to update a slide properties e.g. background color.

```
public void Update()
```

Class StyledList

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

This class represents the text list with bullet style.

```
public class StyledList
```

Inheritance

object ← StyledList

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StyledList(ListType)

Constructor of StyledList class.

```
public StyledList(ListType type)
```

Parameters

`type` ListType

Properties

Facade

Property to get the facade of a styled list

```
public ListFacade Facade { get; set; }
```

Property Value

ListFacade

FontFamily

```
public string FontFamily { get; set; }
```

Property Value

string

FontSize

```
public int FontSize { get; set; }
```

Property Value

int

ListItems

```
public List<string> ListItems { get; set; }
```

Property Value

List<string>

ListType

```
public ListType ListType { get; set; }
```

Property Value

ListType

TextColor

```
public string TextColor { get; set; }
```

Property Value

string

TextShape

```
public TextShape TextShape { get; set; }
```

Property Value

TextShape

Methods

AddListItem(string)

Method to add list items in styled list.

```
public void AddListItem(string text)
```

Parameters

`text` string

It accepts text as list item

Update()

Method to update the styled list

```
public void Update()
```

Class Table

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

This class is responsible to create table in a PPT/PPTX presentataion.

```
public class Table
```

Inheritance

object ← Table

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

Table()

Constructor for the Table class. Initializes a new instance of the Table class with empty lists for rows and columns.

```
public Table()
```

Properties

Columns

Property to get or set the list of columns in the table.

```
public List<TableColumn> Columns { get; set; }
```

Property Value

List <TableColumn>

Facade

Property to get or set the TableFacade instance.

```
public TableFacade Facade { get; set; }
```

Property Value

TableFacade

Height

Property to get or set the height of a table.

```
public double Height { get; set; }
```

Property Value

double

Name

Property to get or set the table name within the slide.

```
public string Name { get; set; }
```

Property Value

string

Rows

Property to get or set the list of rows in the table.

```
public List<TableRow> Rows { get; set; }
```

Property Value

List<TableRow>

TableIndex

Property to get or set the index of a table within slide.

```
public int TableIndex { get; set; }
```

Property Value

int

TableStylings

Property to get or set the stylings for the table.

```
public Stylings TableStylings { get; set; }
```

Property Value

Stylings

Theme

Property to define theme of a table. It can be check in PowerPoint table designs.

```
public string Theme { get; set; }
```

Property Value

string

Width

Property to get or set the width of a table.

```
public double Width { get; set; }
```

Property Value

double

X

Property to get or set the X coordinate of a table.

```
public double X { get; set; }
```

Property Value

double

Y

Property to get or set the Y coordinate of a table.

```
public double Y { get; set; }
```

Property Value

double

Methods

AddColumn(TableColumn)

Adds a row to the table.

```
public void AddColumn(TableColumn column)
```

Parameters

`column` TableColumn

AddRow(TableRow)

Adds a row to the table.

```
public void AddRow(TableRow row)
```

Parameters

`row` TableRow

The TableRow object to be added to the table.

GetDataTable()

Method to get datatable from fileformat table to send to facade.

```
public DataTable GetDataTable()
```

Returns

DataTable

GetTables(List<TableFacade>)

This method is responsible to get the list of Tables

```
public static List<Table> GetTables(List<TableFacade> tableFacades)
```

Parameters

`tableFacades` List<TableFacade>

Returns

List<Table>

Update()

Method to update an existing table.

```
public void Update()
```

Class Table.TableStyle

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Inner class representing different table styles.

```
public static class Table.TableStyle
```

Inheritance

object ← Table.TableStyle

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DarkStyle1

```
public static string DarkStyle1 { get; }
```

Property Value

string

DarkStyle10

```
public static string DarkStyle10 { get; }
```

Property Value

string

DarkStyle11

```
public static string DarkStyle11 { get; }
```

Property Value

string

DarkStyle12

```
public static string DarkStyle12 { get; }
```

Property Value

string

DarkStyle2

```
public static string DarkStyle2 { get; }
```

Property Value

string

DarkStyle3

```
public static string DarkStyle3 { get; }
```

Property Value

string

DarkStyle4

```
public static string DarkStyle4 { get; }
```

Property Value

string

DarkStyle5

```
public static string DarkStyle5 { get; }
```

Property Value

string

DarkStyle6

```
public static string DarkStyle6 { get; }
```

Property Value

string

DarkStyle7

```
public static string DarkStyle7 { get; }
```

Property Value

string

DarkStyle8

```
public static string DarkStyle8 { get; }
```

Property Value

string

DarkStyle9

```
public static string DarkStyle9 { get; }
```

Property Value

string

LightStyle1

```
public static string LightStyle1 { get; }
```

Property Value

string

LightStyle10

```
public static string LightStyle10 { get; }
```

Property Value

string

LightStyle11

```
public static string LightStyle11 { get; }
```

Property Value

string

LightStyle12

```
public static string LightStyle12 { get; }
```

Property Value

string

LightStyle13

```
public static string LightStyle13 { get; }
```

Property Value

string

LightStyle14

```
public static string LightStyle14 { get; }
```

Property Value

string

LightStyle2

```
public static string LightStyle2 { get; }
```

Property Value

string

LightStyle3

```
public static string LightStyle3 { get; }
```

Property Value

string

LightStyle4

```
public static string LightStyle4 { get; }
```

Property Value

string

LightStyle5

```
public static string LightStyle5 { get; }
```

Property Value

string

LightStyle6

```
public static string LightStyle6 { get; }
```

Property Value

string

LightStyle7

```
public static string LightStyle7 { get; }
```

Property Value

string

LightStyle8

```
public static string LightStyle8 { get; }
```

Property Value

string

LightStyle9

```
public static string LightStyle9 { get; }
```

Property Value

string

MediumStyle1

```
public static string MediumStyle1 { get; }
```

Property Value

string

MediumStyle10

```
public static string MediumStyle10 { get; }
```

Property Value

string

MediumStyle11

```
public static string MediumStyle11 { get; }
```

Property Value

string

MediumStyle12

```
public static string MediumStyle12 { get; }
```

Property Value

string

MediumStyle2

```
public static string MediumStyle2 { get; }
```

Property Value

string

MediumStyle3

```
public static string MediumStyle3 { get; }
```

Property Value

string

MediumStyle4

```
public static string MediumStyle4 { get; }
```

Property Value

string

MediumStyle5

```
public static string MediumStyle5 { get; }
```

Property Value

string

MediumStyle6

```
public static string MediumStyle6 { get; }
```

Property Value

string

MediumStyle7

```
public static string MediumStyle7 { get; }
```

Property Value

string

MediumStyle8

```
public static string MediumStyle8 { get; }
```

Property Value

string

MediumStyle9

```
public static string MediumStyle9 { get; }
```

Property Value

string

Class TableCell

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents a cell within a table row.

```
public class TableCell
```

Inheritance

object ← TableCell

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TableCell()

Default constructor for the TableCell class.

```
public TableCell()
```

TableCell(TableRow)

Constructor for the TableCell class that initializes a new instance of the TableCell class with a reference to the row's stylings.

```
public TableCell(TableRow row)
```

Parameters

`row` TableRow

The table row containing the cell.

Properties

CellStylings

Gets or sets the stylings applied to the cell.

```
public Stylings CellStylings { get; set; }
```

Property Value

Stylings

FontFamily

Gets or sets the font family of the text in the cell.

```
public string FontFamily { get; set; }
```

Property Value

string

FontSize

Gets or sets the font size of the text in the cell.

```
public int FontSize { get; set; }
```

Property Value

int

ID

Gets or sets the unique identifier of the cell.

```
public string ID { get; set; }
```

Property Value

string

Text

Gets or sets the text content of the cell.

```
public string Text { get; set; }
```

Property Value

string

Class TableColumn

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents a column within a table.

```
public class TableColumn
```

Inheritance

object ← TableColumn

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Name

Gets or sets the name of the column.

```
public string Name { get; set; }
```

Property Value

string

Class TableRow

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

Represents a row within a table.

```
public class TableRow
```

Inheritance

object ← TableRow

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TableRow()

Default constructor for the TableRow class. Initializes a new instance of the TableRow class with an empty list of cells.

```
public TableRow()
```

TableRow(Table)

Constructor for the TableRow class that initializes a new instance of the TableRow class with a reference to the table's stylings.

```
public TableRow(Table table)
```

Parameters

`table` Table

The table containing the row.

Properties

Cells

Gets or sets the list of cells in the row.

```
public List<TableCell> Cells { get; set; }
```

Property Value

List<TableCell>

ID

Gets or sets the unique identifier of the row.

```
public int ID { get; set; }
```

Property Value

int

RowHeight

Gets or sets the height of the row.

```
public int RowHeight { get; set; }
```

Property Value

int

RowStylings

Gets or sets the stylings applied to the row.

```
public Stylings RowStylings { get; set; }
```

Property Value

Stylings

Methods

AddCell(TableCell)

Adds a cell to the row.

```
public void AddCell(TableCell cell)
```

Parameters

`cell` TableCell

The TableCell object to be added to the row.

Class TextSegment

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

This class represents the text segment within a paragraph.

```
public class TextSegment
```

Inheritance

object ← TextSegment

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Bold

Property to make bold the text segment.

```
public bool Bold { get; set; }
```

Property Value

bool

Color

Property to set color the text segment.

```
public string Color { get; set; }
```

Property Value

string

Facade

Property to get facade of text segment.

```
public TextSegmentFacade Facade { get; }
```

Property Value

TextSegmentFacade

FontFamily

Property to set font family.

```
public string FontFamily { get; set; }
```

Property Value

string

FontSize

Property to set or get the font size of the text segment

```
public int FontSize { get; set; }
```

Property Value

int

Italic

Property to make Italic the text segment.

```
public bool Italic { get; set; }
```

Property Value

bool

Text

Property to set the text of the text segment.

```
public string Text { get; set; }
```

Property Value

string

Methods

create()

Method to create text segment.

```
public TextSegment create()
```

Returns

TextSegment

Class TextShape

Namespace: FileFormat.Slides

Assembly: FileFormat.Slides.dll

This class represents the text shape within a slide.

```
public class TextShape
```

Inheritance

object ← TextShape

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TextShape()

Constructor of the TextShape class inititalizes the object of TextShapeFacade and populate its fields.

```
public TextShape()
```

Properties

Alignment

Property to get or set alignment of the shape.

```
public TextAlignment Alignment { get; set; }
```

Property Value

TextAlignment

BackgroundColor

Property to set or get background color of a text shape.

```
public string BackgroundColor { get; set; }
```

Property Value

string

Facade

Property to get or set the TextShapeFacade.

```
public TextShapeFacade Facade { get; set; }
```

Property Value

TextShapeFacade

FontFamily

Property to get or set the font family of the text shape.

```
public string FontFamily { get; set; }
```

Property Value

string

FontSize

Property to set or get the font size of the Text Shape.

```
public int FontSize { get; set; }
```

Property Value

int

Height

Property to get or set height of the shape.

```
public double Height { get; set; }
```

Property Value

double

ShapeIndex

Property to get or set the shape index within a slide.

```
public int ShapeIndex { get; set; }
```

Property Value

int

Text

Property to set or get the text of the shape.

```
public string Text { get; set; }
```

Property Value

string

TextColor

Property to get or set the text color of the text shape.

```
public string TextColor { get; set; }
```

Property Value

string

TextList

Property to set or get styled list of a text shape.

```
public StyledList TextList { get; set; }
```

Property Value

StyledList

TextSegments

Property to set or get text segments within a text shape.

```
public List<TextSegment> TextSegments { get; set; }
```

Property Value

List<TextSegment>

Width

Property to get or set width of the shape.

```
public double Width { get; set; }
```

Property Value

double

X

Property to get or set X coordinate of the shape

```
public double X { get; set; }
```

Property Value

double

Y

Property to get or set Y coordinate of the shape.

```
public double Y { get; set; }
```

Property Value

double

Methods

GetTextShapes(List<TextShapeFacade>)

Method for getting the list of text shapes.

```
public static List<TextShape> GetTextShapes(List<TextShapeFacade> textShapeFacades)
```

Parameters

`textShapeFacades` List<TextShapeFacade>

An object of TextShapeFacade.

Returns

List<TextShape>

Remove()

Method to remove the textshape of a slide.

```
public void Remove()
```

Update()

Method to update text shape.

```
public void Update()
```

Namespace FileFormat.Slides.Common

Classes

Colors

Common class to get the hexadecimal values of colors as string.

FileFormatException

Custom exception class for file format-related exceptions.

SampleData

Utility

This class provides essential static methods for generating unique relationship IDs, obtaining random slide IDs, and converting measurements.

Structs

Stylings

Represents the stylings applied to text elements.

Class Colors

Namespace: FileFormat.Slides.Common

Assembly: FileFormat.Slides.Common.dll

Common class to get the hexadecimal values of colors as string.

```
public static class Colors
```

Inheritance

object ← Colors

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Aqua

Gets the hexadecimal value for the color Aqua (00FFFF).

```
public static string Aqua { get; }
```

Property Value

string

Black

Gets the hexadecimal value for the color Black (000000).

```
public static string Black { get; }
```

Property Value

string

Blue

Gets the hexadecimal value for the color Blue (0000FF).

```
public static string Blue { get; }
```

Property Value

string

Cyan

Gets the hexadecimal value for the color Cyan (00FFFF).

```
public static string Cyan { get; }
```

Property Value

string

Fuchsia

Gets the hexadecimal value for the color Fuchsia (FF00FF).

```
public static string Fuchsia { get; }
```

Property Value

string

Gray

Gets the hexadecimal value for the color Gray (808080).

```
public static string Gray { get; }
```

Property Value

string

Green

Gets the hexadecimal value for the color Green (00FF00).

```
public static string Green { get; }
```

Property Value

string

Lime

Gets the hexadecimal value for the color Lime (00FF00).

```
public static string Lime { get; }
```

Property Value

string

LimeGreen

Gets the hexadecimal value for the color Silver (C0C0C0).

```
public static string LimeGreen { get; }
```

Property Value

string

Magenta

Gets the hexadecimal value for the color Magenta (FF00FF).

```
public static string Magenta { get; }
```

Property Value

string

Maroon

Gets the hexadecimal value for the color Maroon (800000).

```
public static string Maroon { get; }
```

Property Value

string

Navy

Gets the hexadecimal value for the color Navy (000080).

```
public static string Navy { get; }
```

Property Value

string

Olive

Gets the hexadecimal value for the color Olive (808000).

```
public static string Olive { get; }
```

Property Value

string

Orange

Gets the hexadecimal value for the color Orange (FFA500).

```
public static string Orange { get; }
```

Property Value

string

Purple

Gets the hexadecimal value for the color Purple (800080).

```
public static string Purple { get; }
```

Property Value

string

Red

Gets the hexadecimal value for the color Red (FF0000).

```
public static string Red { get; }
```

Property Value

string

Silver

Gets the hexadecimal value for the color Silver (C0C0C0).

```
public static string Silver { get; }
```

Property Value

string

Teal

Gets the hexadecimal value for the color Green (008000).

```
public static string Teal { get; }
```

Property Value

string

White

Gets the hexadecimal value for the color White (FFFFFF).

```
public static string White { get; }
```

Property Value

string

Yellow

Gets the hexadecimal value for the color Yellow (FFFF00).

```
public static string Yellow { get; }
```

Property Value

string

Class FileFormatException

Namespace: FileFormat.Slides.Common

Assembly: FileFormat.Slides.Common.dll

Custom exception class for file format-related exceptions.

```
public class FileFormatException : Exception, ISerializable
```

Inheritance

object ← Exception ← FileFormatException

Implements

ISerializable

Inherited Members

Exception.GetBaseException() , Exception.GetObjectData(SerializationInfo, StreamingContext) , Exception.GetType() , Exception.ToString() , Exception.Data , Exception.HelpLink , Exception.HResult , Exception.InnerException , Exception.Message , Exception.Source , Exception.StackTrace , Exception.TargetSite , Exception.SerializeObjectState , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Constructors

FileFormatException(string, Exception)

Initializes a new instance of the FileFormatException class with a specified error message and a reference to the inner exception.

```
public FileFormatException(string message, Exception innerException)
```

Parameters

`message` string

The error message that explains the reason for the exception.

`innerException` Exception

The exception that is the cause of the current exception, or a null reference if no inner exception is specified.

Methods

ConstructMessage(Exception, string)

```
public static string ConstructMessage(Exception Ex, string Operation)
```

Parameters

`Ex` Exception

`Operation` string

Returns

string

Class SampleData

Namespace: FileFormat.Slides.Common

Assembly: FileFormat.Slides.Common.dll

```
public static class SampleData
```

Inheritance

object ← SampleData

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

GenerateSampleDataTable()

```
public static DataTable GenerateSampleDataTable()
```

Returns

DataTable

Struct Stylings

Namespace: FileFormat.Slides.Common

Assembly: FileFormat.Slides.Common.dll

Represents the stylings applied to text elements.

```
public struct Stylings
```

Inherited Members
ValueType.Equals(object) , ValueType.GetHashCode() , ValueType.ToString() , object.Equals(object, object) , object.GetType() , object.ReferenceEquals(object, object)

Constructors

Stylings(int, TextAlignment, string, string)

Initializes a new instance of the Stylings struct with default values.

```
public Stylings(int fontSize = 12, TextAlignment alignment = TextAlignment.Left, string
fontFamily = "Calibri", string textColor = "#000000")
```

Parameters

`fontSize` int

The font size (default is 12).

`alignment` TextAlignment

The text alignment (default is TextAlignment.Left).

`fontFamily` string

The font family (default is "Calibri").

`textColor` string

The text color in hexadecimal format (default is "#000000").

Properties

Alignment

Gets or sets the text alignment.

```
public TextAlignment Alignment { get; set; }
```

Property Value

TextAlignment

FontFamily

Gets or sets the font family.

```
public string FontFamily { get; set; }
```

Property Value

string

FontSize

Gets or sets the font size.

```
public int FontSize { get; set; }
```

Property Value

int

TextColor

Gets or sets the text color in hexadecimal format.

```
public string TextColor { get; set; }
```

Property Value

string

Class Utility

Namespace: FileFormat.Slides.Common

Assembly: FileFormat.Slides.Common.dll

This class provides essential static methods for generating unique relationship IDs, obtaining random slide IDs, and converting measurements.

```
public static class Utility
```

Inheritance

object ← Utility

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

NextIndex

Property to set next index for slide relationship Id.

```
public static int NextIndex { get; set; }
```

Property Value

int

SlideNextIndex

```
public static int SlideNextIndex { get; set; }
```

Property Value

int

Methods

DeserializeStyling(string)

```
public static Stylings DeserializeStyling(string stylingInfo)
```

Parameters

`stylingInfo` string

Returns

Stylings

EmuToPixels(long)

Function to convert EMU to Pixel

```
public static double EmuToPixels(long emuValue)
```

Parameters

`emuValue` long

Long value

Returns

double

GetRandomSlideId()

Function to get unique slide Id.

```
public static uint GetRandomSlideId()
```

Returns

uint

GetUniqueRelationshipId()

Function to generate a unique Relationship ID

```
public static string GetUniqueRelationshipId()
```

Returns

string

PixelsToEmu(double)

Function to convert Pixel valie to EMU.

```
public static long PixelsToEmu(double pixelsValue)
```

Parameters

`pixelsValue` double

Double value

Returns

long

SerializeStyling(Stylings)

```
public static string SerializeStyling(Stylings styling)
```

Parameters

`styling` Stylings

Returns

string

Namespace FileFormat.Slides.Common.Enumerations

Enums

ListType

Specifies the type of styled list

TextAlignment

Specifies the alignment of text elements.

Enum ListType

Namespace: FileFormat.Slides.Common.Enumerations

Assembly: FileFormat.Slides.Common.dll

Specifies the type of styled list

```
public enum ListType
```

Fields

`Bulleted = 0`

`Numbered = 1`

Enum TextAlignment

Namespace: FileFormat.Slides.Common.Enumerations

Assembly: FileFormat.Slides.Common.dll

Specifies the alignment of text elements.

```
public enum TextAlignment
```

Fields

`Center = 2`

`Left = 0`

`None = 3`

`Right = 1`