

PDFViewer

ZPF.PDFViewer

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ZPF.PDFViewer.DataSources

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- HttpPdfSource
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ZPF.PDFViewer.Events

- OnNeedDataEventHandler
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ZPF.PDFViewer.Maui

- PDFToImageHelper
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Methods

`Single ToPT (Single cm)`

`Single ToPT (double cm)`

`Single ToCM (Single pt)`

`Single ToCM (double pt)`

Represents metadata and basic information about a Portable Document Format (PDF) document, including its file name, page count, file size, title, and password protection status.

Properties

string FileName (get; set;)

Gets the name of the file associated with this instance.

int PageCount (get; set;)

Gets the total number of pages in the document. A value of -1 indicates that the page count has not been determined.

Int64 FileSizeInBytes(get; set;)

Gets the size of the file, in bytes.

string Title (get;)

Gets the title of the item. If the title is not set, returns the file name without its extension.

bool IsPasswordProtected(get; set;)

Gets whether the Portable Document Format (PDF) document is password-protected.

Methods

string ToString ()

Represents information about a single page in a PDF document, including its dimensions, image source, and display status.

Properties

```
int PageNumber( get; set; )

Double Width( get; set; )
    Width in cm

Double Height( get; set; )
    Height in cm

ImageSource ImageSource( get; set; )

bool IsCurrentPage( get; set; )

Color SelectedColor( get; )

int RealWidth( get; set; )

int RealHeight( get; set; )

Double WidthRequest( get; )

Double HeightRequest( get; )

PDFPageOrientationsRotation( get; set; )

Double Scale( get; set; )
    Gets or sets the scale factor applied to the element. Remarks: Default value is 1.0.
```

Methods

```
void SetValues( PDFPageInfo pDFPageInfo )

string ToString( )
```

Members

Portrait

Landscape

FlippedPortrait

FlippedLandscape

Represents a source for PDF files that are embedded as resources within the application.

Properties

`string LastMessage (get; set;)`

Methods

`Task<string> GetFilePathAsync ()`

`Task<string> LoadPDF (string resourcePath)`

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Represents a PDF source that provides access to PDF files via a specified file path.

Properties

`string LastMessage (get; set;)`

Methods

`Task<string> GetFilePathAsync ()`

`Task<string> LoadPDF (string filePath)`

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Provides a PDF source that retrieves PDF files asynchronously from a specified HTTP URL.

Properties

```
string LastMessage ( get; set; )
```

Methods

```
Task<string> GetFilePathAsync ( )
```

```
Task<string> LoadPDF ( string url )
```

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Properties

```
string LastMessage( get; )
```

Methods

```
Task<string> GetFilePathAsync()
```

```
Task<string> LoadPDF( string url )
```

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Provides utility methods for creating and managing temporary file paths for PDF documents and related page files.

Methods

string CreateTempPdfFilePath()

Creates a unique temporary file path for a PDF file.

string CreateTempPageFilePath(string filename)

Creates a unique temporary file path for a page file.

void DeleteTempFiles()

Deletes all temporary files from the application's temporary folder.

Methods

```
void Invoke ( Object sender )  
  
IAsyncResult BeginInvoke ( Object sender, AsyncCallback  
                           callback, Object object )  
  
void EndInvoke ( IAsyncResult result )
```

Properties

`int CurrentPage(get;)`

Methods

```
Task SaveFirstPageAsImageAsync( string pdfPath, string  
    Asynchronously saves the first page of the document as an image file at the specified  
    path.
```

```
Task SavePageAsImageAsync( string pdfPath, string  
    outputImagePath, UInt32 pageNumber )  
Asynchronously saves a specified page of a PDF document as an image file.
```

```
Task<ImageSource>GetFirstPageAsImageSourceAsync( string  
    !!! Experimental !!!
```

```
Task<ImageSource>GetPageAsImageSourceAsync( string pdfPath,  
    int pageNumber )  
!!! Experimental !!!
```

Properties

string LastMessage(get; set;)

int CurrentPageNumber(get; set;)

Gets the current page number in the pagination system.

ObservableCollection<PDFPageInfo>Pages(get; set;)

Gets or sets the collection of pages contained in the PDF document.

bool IsBusy(get; set;)

Gets a value indicating whether the component is currently performing a background operation.

bool IsToolbarVisible(get; set;)

Gets or sets a value indicating whether the toolbar is visible.

Color ToolbarColor(get; set;)

Gets or sets the Color which will fill the background of the toolbar.

PDFInfos Infos(get; set;)

Gets the PDF information associated with the document.

Double ZoomFactor(get; set;)

Methods

void UnloadPDF()

Task SavePageAsImageAsync(string outputImagePath, UInt32

Asynchronously saves a specified page of a PDF document as an image file.

Task<ImageSource> RenderPageToImageSource(int pageNumber)

Task<bool> LoadPDF(string filename, bool genPages)

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Task<bool> LoadPDF(string filename, string password, bool

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

Task<bool> LoadPDF(IPdfSource pdfSource, string url, string

password, bool genPages)

Load PDF from URL wo rendering it. The rendering is done when pages (ImageFileName) are requested.

...

Task SaveFirstPageAsImageAsync(string outputImagePath)

Asynchronously saves the first page of the document as an image file at the specified path.

void ClearPages()

Removes all pages from the collection and updates the associated view to reflect the cleared state.

Task ScrollToFirstAsync()

Scrolls to first page

Task ScrollToAsync(UInt32 pageNumber)

Scrolls to 'pageNumber'

Task ScrollToLastAsync()

Scrolls to last page

Task DoZoom(double zoom)

Methods

```
Rect GetBoundingBox( visualElement view )
```