# PdfToHtml API

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# Hierarchical Index

## Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:



# Class Index

## Class List

Here are the classes, structs, unions and interfaces with brief descriptions:



# Class Documentation

## _PdfHtmlMediaQueryParams Struct Reference

PdfHtmlMediaQueryParams.

### Public Attributes

- PdfHtmlMediaType type
- int min_width

## Detailed Description

PdfHtmlMediaQueryParams.
Define different style rules for different media types/devices.

---

## Member Data Documentation

### int _PdfHtmlMediaQueryParams::min_width

The minimum width of the display area, such as a browser window.

### PdfHtmlMediaType _PdfHtmlMediaQueryParams::type

CSS Media type.

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# _PdfHtmlParams Struct Reference

PdfHtmlParams.

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## Detailed Description

PdfHtmlParams.
Html conversion parameters.

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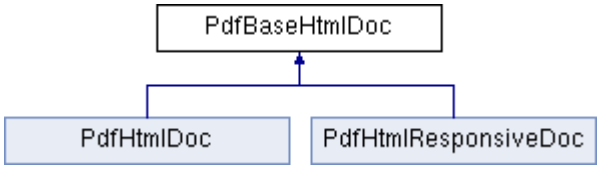
# PdfBaseHtmlDoc Struct Reference

PdfBaseHtmlDoc class.
Inheritance diagram for PdfBaseHtmlDoc:




## Public Member Functions

- bool Close ()=0
  *Closes PdfHtmlDoc.*
- void SetHtmlPath (const wchar_t *html_path)=0
  *Sets the output html path.*
- PdfHtmlData * AcquireHtmlData (PdfHtmlParams *params, bool all_pages, 1 PdfCancelProc cancel_proc, void *cancel_data)=0
- bool ReleaseHtmlData ()=0

- PdfHtmlData * AcquirePageHtmlData (PdfHtmlParams *params, int page_num, 1 PdfCancelProc cancel_proc, void *cancel_data)=0
- bool ReleasePageHtmlData (int page_num)=0
  *Releases page's html data.*
- bool Save ()=0
  *Saves HTML to specific paths.*
- bool AddMediaQuery (PdfHtmlMediaQueryParams &params)=0
  *Adds a media query for the HTML document.*

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# Detailed Description

PdfBaseHtmlDoc class.
A PdfBaseHtmlDoc allow you to set convert PDF to HTML.

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# Member Function Documentation

## PdfHtmlData* PdfBaseHtmlDoc::AcquireHtmlData (PdfHtmlParams * *params*, bool *all_pages*, 1 PdfCancelProc *cancel_proc*, void * *cancel_data*) `[pure virtual]`

Generates a PdfHtmlData from pages processed by AcquirePageHtmlData method. The PdfHtmlData is cached, so that subsequent calls on the same PdfHtmlDoc return the same PdfHtmlData. The PdfHtmlData remains in the cache as long as page exists or ReleaseHtmlData was not called. Call ReleaseHtmlData to release data resources if necessary.

**Parameters:**

| | |
|---|---|
| *params* | Html parameters that allow modify the conversion algorithm. |
| *all_pages* | If it's false, only pages whose AcquirePageHtmlData method was called before are added into html content. If it's true, the pages whose AcquirePageHtmlData method was not called are also added into the HTML content. |
| *cancel_proc* | Callback to check for canceling operations. |
| *cancel_data* | Pointer to client data for the cancel procedure. |

**Returns:**

PdfHtmlData for the current html document.

**See also:**

PdfHtmlDoc::ReleaseHtmlData, PdfHtmlDoc::AcquirePageHtmlData

## PdfHtmlData* PdfBaseHtmlDoc::AcquirePageHtmlData (PdfHtmlParams * *params*, int *page_num*, 1 PdfCancelProc *cancel_proc*, void * *cancel_data*) `[pure virtual]`

Generates a PdfHtmlData for a page from a document. The PdfHtmlData is cached, so that subsequent calls on the same page number return the same PdfHtmlData. Call ReleasePageHtmlData to release data resources for specific page.

**Parameters:**

| | |
|---|---|
| *params* | Html parameters that allow modify the conversion algorithm. |
| *page_num* | The page number of the page to get html data. The first page is 0. |
| *cancel_proc* | Callback to check for canceling operations. |

| | |
|---|---|
| *cancel_data* | Pointer to client data for the cancel procedure. |

**Returns:**

The requested page html data.

**See also:**

PdfHtmlDoc::ReleasePageHtmlData

## bool PdfBaseHtmlDoc::AddMediaQuery (PdfHtmlMediaQueryParams & *params*) [pure virtual]

Adds a media query for the HTML document.

**Parameters:**

| | |
|---|---|
| *params* | A new media query. |

**Returns:**

true if succeeded, false otherwise.

## bool PdfBaseHtmlDoc::Close () [pure virtual]

Closes PdfHtmlDoc.

**See also:**

PdfToHtml::CreateHtmlDoc

## bool PdfBaseHtmlDoc::ReleaseHtmlData () [pure virtual]

Releases the html data at the current htm document. NOTE: The caller can call ReleaseHtmlData to optimize a memory handling. Otherwise the html document is responsible for freeing PdfHtmlData.

**Returns:**

true if succeeded, false otherwise.

**See also:**

PdfHtmlDoc::AcquireHtmlData

## bool PdfBaseHtmlDoc::ReleasePageHtmlData (int *page_num*) [pure virtual]

Releases page's html data.

**Parameters:**

| | |
|---|---|
| *page* | The page number to release. |

**Returns:**

true if page data was released, false otherwise.

**See also:**

PdfHtmlDoc::AcquirePageHtmlData

### bool PdfBaseHtmlDoc::Save () [pure virtual]

Saves HTML to specific paths.

**See also:**

PdfHtmlDoc::SetHtmlPath, PdfHtmlDoc::SetImagePath, PdfHtmlDoc::SetJsPath

### void PdfBaseHtmlDoc::SetHtmlPath (const wchar_t * *html_path*) [pure virtual]

Sets the output html path.

**Parameters:**

| | |
|---|---|
| *html_path* | The absolute path for storing html. |

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# PdfHtmlData Struct Reference

PdfHtmlData class.

## Public Member Functions

- int GetHtml (1 char *buffer, int len)=0
  *Get the HTML content.*
- int GetCss (1 char *buffer, int len)=0
  *Get the CSS content.*
- int GetJs (1 char *buffer, int len)=0
  *Get the Javascript content.*
- bool SetHtml (const char *buffer)=0
- bool SetCss (const char *buffer)=0
  *Set the CSS content.*
- bool SetJs (const char *buffer)=0
  *Set the Javascript content.*

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# Detailed Description

PdfHtmlData class.
A PdfHtmlData holds PDF to HTML conversion results.

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# Member Function Documentation

### int PdfHtmlData::GetCss (1 char * *buffer*, int *len*) [pure virtual]

Get the CSS content.

**Parameters:**

| | |
|---|---|
| *buffer* | (filled by method) If the buffer is null function returns required length of string. |
| *len* | Length of a buffer to be filled in. |

**Returns:**

Number of characters written into buffer of required length.

### int PdfHtmlData::GetHtml (1 char * *buffer*, int *len*) [pure virtual]

Get the HTML content.

**Parameters:**

| | |
|---|---|
| *buffer* | (filled by method) If the buffer is null function returns required length of string. |
| *len* | Length of a buffer to be filled in. |

**Returns:**

Number of characters written into buffer of required length.

### int PdfHtmlData::GetJs (1 char * *buffer*, int *len*) [pure virtual]

Get the Javascript content.

**Parameters:**

| | |
|---|---|
| *buffer* | (filled by method) If the buffer is null function returns required length of string. |
| *len* | Length of a buffer to be filled in. |

**Returns:**

Number of characters written into buffer of required length.

### bool PdfHtmlData::SetCss (const char * *buffer*) [pure virtual]

Set the CSS content.

**Parameters:**

| | |
|---|---|
| *buffer* | The CSS content string to be set. |

**Returns:**

true if the CSS content was set, false otherwise.

### bool PdfHtmlData::SetHtml (const char * *buffer*) [pure virtual]

Set the HTML content. NOTE: You can use this function to add custom header, footer or any data to HTML page.

**Parameters:**

| | |
|---|---|
| *buffer* | The HTML content string to be set. |

**Returns:**

true if the HTML content was set, false otherwise.

### bool PdfHtmlData::SetJs (const char * *buffer*) [pure virtual]

Set the Javascript content.

**Parameters:**

| | |
|---|---|
| *buffer* | The Javascript content string to be set. |

**Returns:**

true if the Javascript content was set, false otherwise.

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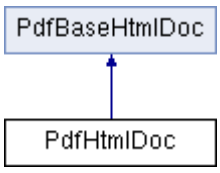
# PdfHtmlDoc Struct Reference

PdfHtmlDoc class.
Inheritance diagram for PdfHtmlDoc:




## Additional Inherited Members

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## Detailed Description

PdfHtmlDoc class.
A PdfHtmlDoc allow you to convert PDF to HTML fixed layout.

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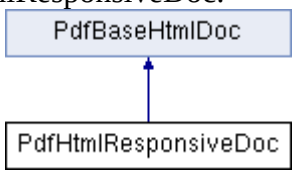
# PdfHtmlResponsiveDoc Struct Reference

PdfHtmlResponsiveDoc class.
Inheritance diagram for PdfHtmlResponsiveDoc:




## Additional Inherited Members

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## Detailed Description

PdfHtmlResponsiveDoc class.
A PdfHtmlResponsiveDoc allow you to convert PDF to HTML responsive layout.

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# PdfToHtml Struct Reference

Pdfix class.
Inherits PdfixPlugin.

## Public Member Functions

- PdfHtmlDoc * OpenHtmlDoc (PdfDoc *pdDoc)=0
- PdfHtmlResponsiveDoc * OpenHtmlResponsiveDoc (PdfDoc *pdDoc)=0
- int GetVersionMajor ()=0
- int GetVersionMinor ()=0
- int GetVersionPatch ()=0

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## Detailed Description

Pdfix class.
Pdfix loads and unloads library. It initialized all necessary resources and also takes care about releasing it.

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# Member Function Documentation

### int PdfToHtml::GetVersionMajor () [pure virtual]

Returns the major version. This is the first integer in a version number and is increased whenever significant changes are made.

**Returns:**

The major version number.

### int PdfToHtml::GetVersionMinor () [pure virtual]

Returns the minor version. This is the second integer in a compound version number. This is normally set to 0 after each major release and increased whenever smaller features or significant bug fixes have been added.

**Returns:**

The minor version number.

### int PdfToHtml::GetVersionPatch () [pure virtual]

Returns the patch version. The (optional) third integer is the patch number, sometimes also called the revision number. Changes in patch number should imply no change to the actual API interface, only changes to the behavior of the API.

**Returns:**

The patch version number.

### PdfHtmlDoc* PdfToHtml::OpenHtmlDoc (PdfDoc * *pdDoc*) [pure virtual]

Creates a fixed HTML document from PDFDoc. NOTE: You must call PdfHtmlFixedDoc::Destroy once for every successful create.

**Parameters:**

| | |
|---|---|
| *pdDoc* | PDFDoc to convert to fixed layout. |

**Returns:**

The newly created document or null.

**See also:**

PdfHtmlDoc::Destroy

### PdfHtmlResponsiveDoc* PdfToHtml::OpenHtmlResponsiveDoc (PdfDoc * *pdDoc*) [pure virtual]

Creates a responsive HTML document from PDFDoc. NOTE: You must call PdfHtmlResponsiveDoc::Destroy once for every successful create.

**Parameters:**

| | |
|---|---|
| *pdDoc* | PDFDoc to convert to responsive layout. |

**Returns:**

The newly created document or null.

**See also:**

PdfHtmlResponsiveDoc::Destroy