

TeXLa

0.9

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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

texla.Parser.Blocks.DefaultBlock	7
texla.Parser.Blocks.Utilities.CommandParser	7

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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

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Chapter 3

Class Index

3.1 Class List

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

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Chapter 4

Namespace Documentation

4.1 `texla.Parser.Blocks.DefaultBlock` Namespace Reference

Classes

- class [DefaultBlock](#)

Variables

- dictionary **`parser_hooks`**

4.1.1 Detailed Description

`Default Block`

4.1.2 Variable Documentation

4.1.2.1 `parser_hooks`

dictionary `texla.Parser.Blocks.DefaultBlock.parser_hooks`

Initial value:

```
1 = {
2     'default_env' : DefaultBlock.parse_env,
3     'default_cmd' : DefaultBlock.parse_cmd,
4 }
```

4.2 `texla.Parser.Blocks.Utilities.CommandParser` Namespace Reference

Functions

- def [parse_options](#) (tex, grammar)
- def [get_command_options](#) (tex)
- def [get_parenthesis](#) (tex)
- def [get_command_greedy](#) (tex)

4.2.1 Detailed Description

This module provides functions to parse commands and their options

4.2.2 Function Documentation

4.2.2.1 `get_command_greedy()`

```
def texla.Parser.Blocks.Utilities.CommandParser.get_command_greedy (
    tex )
```

This function removes the first command found in the string (the string must start with the command). It removes all its parenthesis in a greedy way. If the string is `'\emph[option]{text}\emph{..}'` it removes the first command. It returns a tuple with the extracted command name, the command content with options, the remaining tex and it's starting index). Example: (cmd, cmd_tex, left_tex, left_tex starting index) If there are no commands it returns the tex as (tex, '', '', len(tex)) for consistency.

4.2.2.2 `get_command_options()`

```
def texla.Parser.Blocks.Utilities.CommandParser.get_command_options (
    tex )
```

The function removes an arbitrary number of options parenthesis from tex. The function is useful to remove a command's parenthesis without knowing their structure. The function return (matched parenthesis, left tex, starting index of left tex). The tex could also have not parenthesis.

4.2.2.3 `get_parenthesis()`

```
def texla.Parser.Blocks.Utilities.CommandParser.get_parenthesis (
    tex )
```

This function parses strings like `'[text]{text}[text]..'` It parses only [and { parenthesis. It returns a list of tuples in the format: (start_parenthesis, content , end_parenthesis). The remaining string, not in [] or {}, is returned as ('out', string, ''). The function is able to understand nested parenthesis.

4.2.2.4 parse_options()

```
def texla.Parser.Blocks.Utilities.CommandParser.parse_options (
    tex,
    grammar )
```

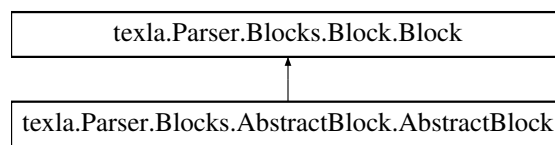
This function extract commands options given a grammar.
The tex input must start with the options parenthesis [or {,
and must not contain the \cmd part.
The grammar is a list of tuples that defines the possible
option for the command:
[(opt_name, '{', '}'), (opt_name2, '[', ']'),...].
The function search for matches from left to right.
A list of options is extracted from the tex, then
a match is performed on the grammar: if the first grammar rule
doesn't match the second one is checked, and so on for
all parsed parenthesis.
The function returns a dictionary with the matched
options. If an option is not matched it returnrs None

Chapter 5

Class Documentation

5.1 texla.Parser.Blocks.AbstractBlock.AbstractBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.AbstractBlock.AbstractBlock:



Public Member Functions

- `def __init__ (self, tex, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Additional Inherited Members

5.1.1 Detailed Description

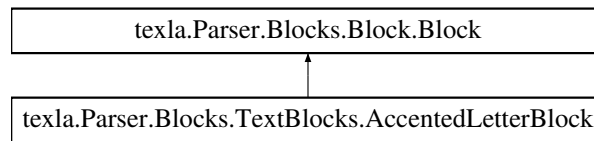
This class handles the abstract environment

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/AbstractBlock.py`

5.2 texla.Parser.Blocks.TextBlocks.AccentedLetterBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.TextBlocks.AccentedLetterBlock:



Public Member Functions

- def **__init__** (self, letter, accent_type, parent_block)
- def **__str__** (self)

Static Public Member Functions

- def **parse_accents** (parser, tex, parent_block, params)

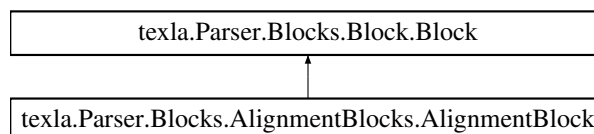
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/TextBlocks.py

5.3 texla.Parser.Blocks.AlignmentBlocks.AlignmentBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.AlignmentBlocks.AlignmentBlock:



Public Member Functions

- def **__init__** (self, align_type, tex, parent_block)
- def **__str__** (self)

Static Public Member Functions

- def **parse_env** (parser, tex, parent_block, params)
- def **parse_command** (parser, tex, parent_block, params)
- def **parse_command_content** (parser, tex, parent_block, params)

Additional Inherited Members

5.3.1 Detailed Description

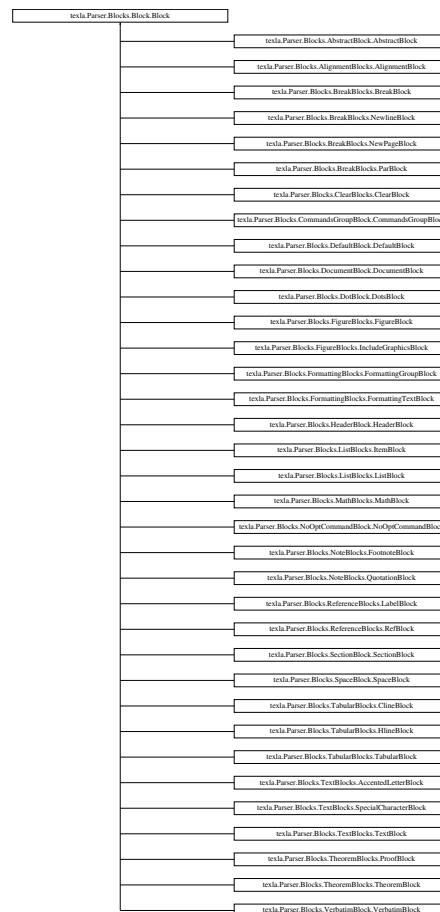
This class handles the flushright, flushleft and center environments

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/AlignmentBlocks.py

5.4 texla.Parser.Blocks.Block.Block Class Reference

Inheritance diagram for texla.Parser.Blocks.Block.Block:



Public Member Functions

- def `__init__` (self, block_name, content, parent_block)
- def `add_child_block` (self, block)
- def `add_children_blocks` (self, blocks)
- def `change_parent_block` (self, new_parent)
- def `__str__` (self)
- def `to_json` (self, level=0)
- def `n_blocks` (self)

Static Public Member Functions

- def `parse` (parser, tex, parent_block, params={})

Public Attributes

- `block_name`
- `content`
- `parent_block`
- `id`
- `section_level`
- `tree_depth`
- `attributes`
- `ch_blocks`
- `N_chblocks`

5.4.1 Detailed Description

Block general attributes:

- `block_name`: the new of the "type" of the block
- `id`: unique id for the block in the tree
- `parent_block`: parent in the tree
- `attributes`: a dictionary for description of the block.
All useful parser data go into attributes
- `ch_blocks`: a list of children_blocks
- `section_level`: the position of the block compared to
sectioning levels defined in utility.py

Derived Block could add more attributes.

5.4.2 Constructor & Destructor Documentation

5.4.2.1 `__init__()`

```
def texla.Parser.Blocks.Block.Block.__init__ (
    self,
    block_name,
    content,
    parent_block )
```

Base constructor for Block.

It saves the `parent_block` and block name and create the new id for the new block. It creates data structures like the attributed dictionary and children nodes list. It always saves a content variable.

By default, it sets the `section_level` of the block to that of the `parent_block`.

5.4.3 Member Function Documentation

5.4.3.1 `add_child_block()`

```
def texla.Parser.Blocks.Block.Block.add_child_block (
    self,
    block )
```

IMPORTANT: this function is called by the `self.parse` fuction. It MUST NOT be called from outside, expecially the parser

5.4.3.2 add_children_blocks()

```
def texla.Parser.Blocks.Block.Block.add_children_blocks (
    self,
    blocks )
```

IMPORTANT: this function is called by the self.parse fuction.
It MUST NOT be called from outside, expecially the parser

5.4.3.3 change_parent_block()

```
def texla.Parser.Blocks.Block.Block.change_parent_block (
    self,
    new_parent )
```

This function changes the parent of the block. It changes parent object, id, and tree_depth. The section level is not changes for consistency. All children are updated.

5.4.3.4 n_blocks()

```
def texla.Parser.Blocks.Block.Block.n_blocks (
    self )
```

This function returns the number of all children blocks recursively.

5.4.3.5 parse()

```
def texla.Parser.Blocks.Block.Block.parse (
    parser,
    tex,
    parent_block,
    params = {} ) [static]
```

The method must return a tuple with the created Block and the last used index of tex string.

5.4.3.6 to_json()

```
def texla.Parser.Blocks.Block.Block.to_json (
    self,
    level = 0 )
```

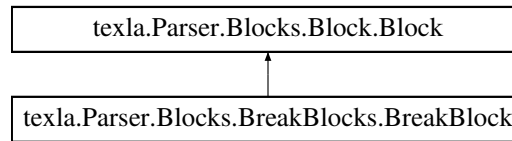
This functions create a json ouput that represents the tree of subblocks of the called block.

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/Block.py

5.5 texla.Parser.Blocks.BreakBlocks.BreakBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.BreakBlocks.BreakBlock:



Public Member Functions

- def **__init__** (self, break_type, priority, content, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.5.1 Detailed Description

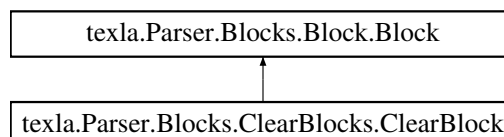
This class gives you the possibility to
break/not break a line/page

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/BreakBlocks.py

5.6 texla.Parser.Blocks.ClearBlocks.ClearBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.ClearBlocks.ClearBlock:



Public Member Functions

- def **__init__** (self, clear_type, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.6.1 Detailed Description

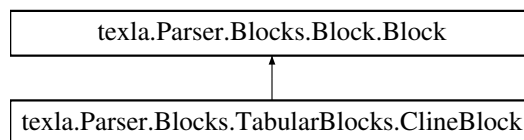
Block that ends the current page and causes all figures and tables that have so far appeared in the input to be printed

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/ClearBlocks.py

5.7 texla.Parser.Blocks.TabularBlocks.ClineBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.TabularBlocks.ClineBlock:



Public Member Functions

- def **__init__** (self, start, end, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

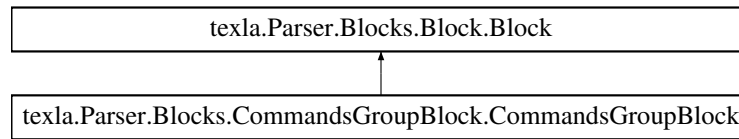
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/TabularBlocks.py

5.8 texla.Parser.Blocks.CommandsGroupBlock.CommandsGroupBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.CommandsGroupBlock.CommandsGroupBlock:



Public Member Functions

- `def __init__(self, content, parent_block)`

Static Public Member Functions

- `def parse(parser, tex, parent_block, params)`

Public Attributes

- `formatting`

5.8.1 Detailed Description

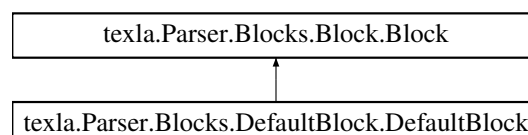
This block represents the syntax {...}. It is used to group formatting commands. These commands are parsed normally in FormattingBlocks.py and then caught by this block analyzing the ch_blocks. Formatting commands are saved inside formatting list as FormattingGroupBlock objects, ready for rendering.

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/CommandsGroupBlock.py`

5.9 texla.Parser.Blocks.DefaultBlock.DefaultBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.DefaultBlock.DefaultBlock:



Public Member Functions

- `def __init__ (self, tex, block_name, parent_block)`

Static Public Member Functions

- `def parse_env (parser, tex, parent_block, params)`
- `def parse_cmd (parser, tex, parent_block, params)`

Additional Inherited Members

5.9.1 Detailed Description

This Block is used when the parser doesn't find a proper parser_hook to call for a matched env or command

5.9.2 Constructor & Destructor Documentation

5.9.2.1 __init__()

```
def texla.Parser.Blocks.DefaultBlock.DefaultBlock.__init__ (
    self,
    tex,
    block_name,
    parent_block )
```

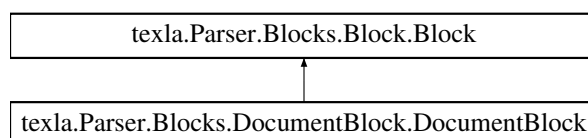
Constructor for sections:
 -title: main title
 -index_title: title for table of content
 -numbered: True/False
 -level: sections level
 -parent_block

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/DefaultBlock.py`

5.10 texla.Parser.Blocks.DocumentBlock.DocumentBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.DocumentBlock.DocumentBlock:



Public Member Functions

- `def __init__ (self, title, options)`

Public Attributes

- `title`
- `options`
- `section_level`
- `tree_depth`

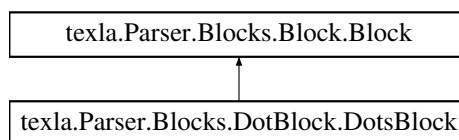
Additional Inherited Members

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/DocumentBlock.py`

5.11 `texla.Parser.Blocks.DotBlock.DotsBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.DotBlock.DotsBlock`:



Public Member Functions

- `def __init__ (self, dot_type, parent_block)`
- `def __str__ (self)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Public Attributes

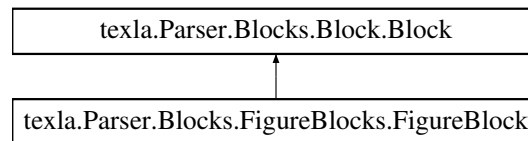
- `dot_type`

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/DotBlock.py`

5.12 texla.Parser.Blocks.FigureBlocks.FigureBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.FigureBlocks.FigureBlock:



Public Member Functions

- def **__init__** (self, placement_specifier, tex, parent_block)

Static Public Member Functions

- def **parse_env** (parser, tex, parent_block, params)

Additional Inherited Members

5.12.1 Detailed Description

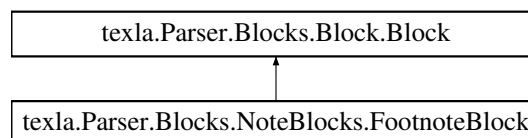
Permission to place the float:
 h here at the very place in the text where it occurred.
 This is useful mainly for small floats.
 t at the top of a page
 b at the bottom of a page
 p on a special page containing only floats.
 ! without considering most of the internal parametersa,
 which could otherwise stop this float from being placed.

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/FigureBlocks.py

5.13 texla.Parser.Blocks.NoteBlocks.FootnoteBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.NoteBlocks.FootnoteBlock:



Public Member Functions

- def **__init__** (self, tex, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.13.1 Detailed Description

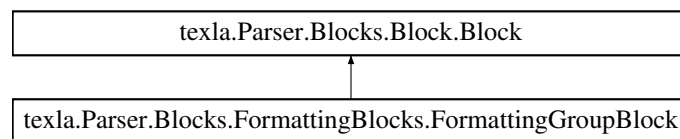
This class handles `\footnote` command

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/NoteBlocks.py`

5.14 `texla.Parser.Blocks.FormattingBlocks.FormattingGroupBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.FormattingBlocks.FormattingGroupBlock`:



Public Member Functions

- def **__init__** (self, format_type, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.14.1 Detailed Description

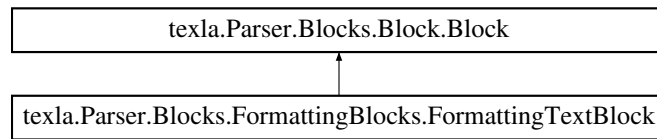
This type of block is created for formatting commands used inside a `{...}` construct

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/FormattingBlocks.py`

5.15 `texla.Parser.Blocks.FormattingBlocks.FormattingTextBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.FormattingBlocks.FormattingTextBlock`:



Public Member Functions

- `def __init__ (self, format_type, text, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

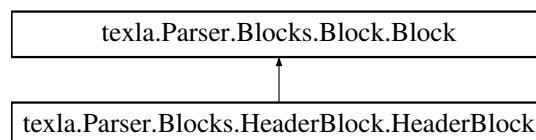
Additional Inherited Members

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/FormattingBlocks.py`

5.16 `texla.Parser.Blocks.HeaderBlock.HeaderBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.HeaderBlock.HeaderBlock`:



Public Member Functions

- `def __init__ (self, title, date, author, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Additional Inherited Members

5.16.1 Detailed Description

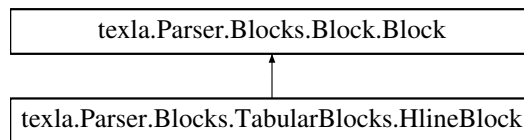
This class get title,author and date at the beginning of tex

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/HeaderBlock.py

5.17 texla.Parser.Blocks.TabularBlocks.HlineBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.TabularBlocks.HlineBlock:



Public Member Functions

- def **parse** (parser, tex, parent_block, params)
- def **__init__** (self, parent_block)

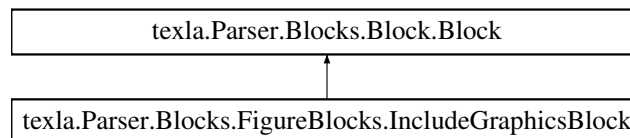
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/TabularBlocks.py

5.18 texla.Parser.Blocks.FigureBlocks.IncludeGraphicsBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.FigureBlocks.IncludeGraphicsBlock:



Public Member Functions

- def **__init__** (self, img_name, ar_img_info, tex, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

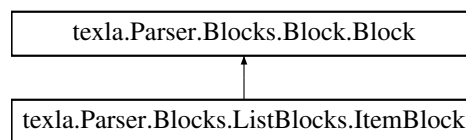
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/FigureBlocks.py

5.19 texla.Parser.Blocks.ListBlocks.ItemBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.ListBlocks.ItemBlock:



Public Member Functions

- def **__init__** (self, word, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.19.1 Detailed Description

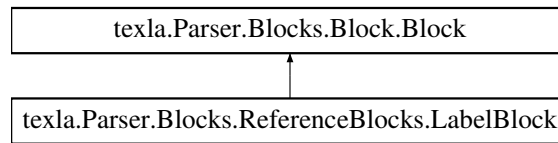
This is only a place holder for a item.
The itemize environment will add it his content.
It's impossible to extract it before

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/ListBlocks.py

5.20 `texla.Parser.Blocks.ReferenceBlocks.LabelBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.ReferenceBlocks.LabelBlock`:



Public Member Functions

- `def __init__(self, label, parent_block)`
- `def __str__(self)`

Static Public Member Functions

- `def parse_label(parser, tex, parent_block, params)`

Public Attributes

- `label`

5.20.1 Detailed Description

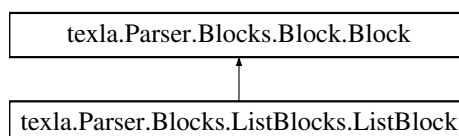
`Block` that represents labels

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/ReferenceBlocks.py`

5.21 `texla.Parser.Blocks.ListBlocks.ListBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.ListBlocks.ListBlock`:



Public Member Functions

- `def __init__(self, list_type, tex, parent_block)`

Static Public Member Functions

- def [parse](#) (parser, tex, parent_block, params)

Additional Inherited Members

5.21.1 Detailed Description

We use one Block type for all listings.
Itemize, Enumerate, Description are
specified in list_type attributes.

5.21.2 Member Function Documentation

5.21.2.1 [parse\(\)](#)

```
def texla.Parser.Blocks.ListBlocks.ListBlock.parse (
    parser,
    tex,
    parent_block,
    params ) [static]
```

We parse the content of the env.
Then we analyze the blocks and find
which are items and not. The hierarchy of
blocks is constructed after the parsing of
the content. It's the only way to let the parser
handle nested environments. Then, all the
blocks are reappended under items blocks and
added as children nodes.

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/ListBlocks.py

5.22 texla.Parser.Blocks.Utilities.MacroParser.Macro Class Reference

Public Member Functions

- def [__init__](#) (self, name, n_param, default, content)
- def [get_tex](#) (self, params, param_default=None)

Static Public Member Functions

- def [parse_macro](#) (tex)

Public Attributes

- **name**
- **n_param**
- **default**
- **content**

5.22.1 Detailed Description

This class represents a Latex macro, a newcommands. It saves the definition of the macro and it's able to recreate the tex replacement of the macro given the params parsed.

5.22.2 Member Function Documentation

5.22.2.1 `get_tex()`

```
def texla.Parser.Blocks.Utilities.MacroParser.Macro.get_tex (
    self,
    params,
    param_default = None )
```

This function return the tex replacement for the macro given a list of ordered parameters and, if present, the default param (inside [...]).

5.22.2.2 `parse_macro()`

```
def texla.Parser.Blocks.Utilities.MacroParser.Macro.parse_macro (
    tex ) [static]
```

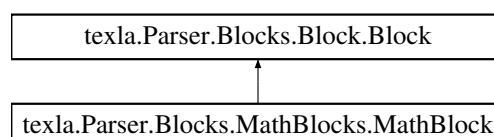
The function need the options part of the \newcommand command, withoud newcommand. It returns the parsed Macro object.

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/Utilities/MacroParser.py

5.23 texla.Parser.Blocks.MathBlocks.MathBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.MathBlocks.MathBlock:



Public Member Functions

- `def __init__` (self, math_type, star, tex, parent_block)
- `def __str__` (self)

Static Public Member Functions

- `def parse_math_env` (parser, tex, parent_block, params)
- `def parse_ensure_math` (parser, tex, parent_block, params)
- `def parse_labels` (tex)

Public Attributes

- `math_type`
- `labels`

5.23.1 Member Function Documentation

5.23.1.1 `parse_ensure_math()`

```
def texla.Parser.Blocks.MathBlocks.MathBlock.parse_ensure_math (
    parser,
    tex,
    parent_block,
    params ) [static]
```

The `\ensuremath{}` is a math command, not env

5.23.1.2 `parse_labels()`

```
def texla.Parser.Blocks.MathBlocks.MathBlock.parse_labels (
    tex ) [static]
```

The function get labels from math.
Multiple labels in math are allowed.
It creates a list of Label mathced and removes them from the tex.
It returns the modified tex and list of labels.

5.23.1.3 `parse_math_env()`

```
def texla.Parser.Blocks.MathBlocks.MathBlock.parse_math_env (
    parser,
    tex,
    parent_block,
    params ) [static]
```

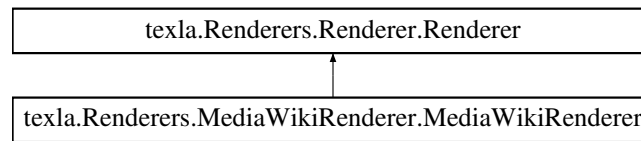
This parse hook it's used for `$$`, `$`, `\[\]` and general math environments

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/MathBlocks.py`

5.24 texla.Renderers.MediaWikiRenderer.MediaWikiRenderer Class Reference

Inheritance diagram for texla.Renderers.MediaWikiRenderer.MediaWikiRenderer:



Public Member Functions

- def **__init__** (self, configs)
- def [start_rendering](#) (self, root_block)
STARTING POINT.
- def [r_document](#) (self, block)
ROOT BLOCK.
- def [default](#) (self, block)
DEFAULT.
- def [r_text](#) (self, block)
TEXT.
- def [r_newline](#) (self, block)
- def [r_newpage](#) (self, block)
- def [r_par](#) (self, block)
- def [sectioning](#) (self, block)
SECTIONING.
- def [r_display_math](#) (self, block)
MATH.
- def [r_inline_math](#) (self, block)
- def [r_align](#) (self, block)
- def [r_label](#) (self, block)
LABELS and refs.
- def [r_ref](#) (self, block)
- def [r_special_character](#) (self, block)
FORMATTING.
- def [r_dots](#) (self, block)
- def [r_textbf](#) (self, block)
- def [r_textit](#) (self, block)
- def [r_textsc](#) (self, block)
- def [r_superscript](#) (self, block)
- def [r_subscript](#) (self, block)
- def [r_underline](#) (self, block)
- def [r_abstract](#) (self, block)
- def [r_break](#) (self, block)
- def [r_vspace](#) (self, block)
- def [r_mandatory_space](#) (self, block)
- def [r_verbatim](#) (self, block)
- def [r_verb](#) (self, block)
- def [r_center](#) (self, block)
ALIGNMENT.
- def [r_flushleft](#) (self, block)

- def **r_flushright** (self, block)
- def **r_itemize** (self, block)
LISTS.
- def **r_enumerate** (self, block)
- def **r_description** (self, block)
- def **r_quotes** (self, block)
QUOTES.
- def **r_verse** (self, block)
- def **r_footnote** (self, block)
- def **r_theorem** (self, block)
Theorems.
- def **r_proof** (self, block)
- def **r_accented_letter** (self, block)
ACCENTED letters.
- def **get_render_hooks** (self)

Public Attributes

- **configs**
- **doc_title**
- **tree**
- **list_level**
- **in_theorem**
- **th_numbering**

5.24.1 Member Function Documentation

5.24.1.1 get_render_hooks()

```
def texla.Renderers.MediaWikiRenderer.MediaWikiRenderer.get_render_hooks (
    self )
```

Render hooks

5.24.1.2 start_rendering()

```
def texla.Renderers.MediaWikiRenderer.MediaWikiRenderer.start_rendering (
    self,
    root_block )
```

STARTING POINT.

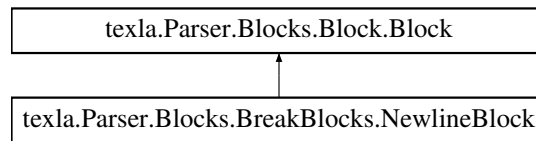
starting rendering from root-block

The documentation for this class was generated from the following file:

- texla/Renderers/MediaWikiRenderer.py

5.25 texla.Parser.Blocks.BreakBlocks.NewlineBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.BreakBlocks.NewlineBlock:



Public Member Functions

- def **parse_newline** (parser, tex, parent_block, params)
- def **__init__** (self, star, parent_block)

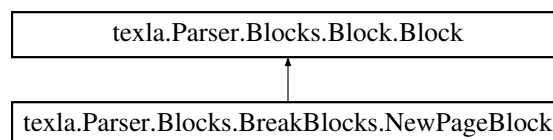
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/BreakBlocks.py

5.26 texla.Parser.Blocks.BreakBlocks.NewPageBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.BreakBlocks.NewPageBlock:



Public Member Functions

- def **__init__** (self, star, parent_block)

Static Public Member Functions

- def **parse_newpage** (parser, tex, parent_block, params)

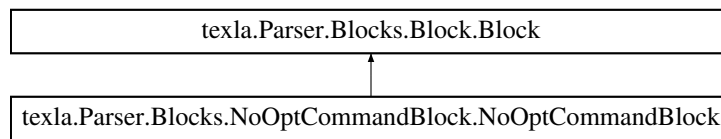
Additional Inherited Members

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/BreakBlocks.py

5.27 `texla.Parser.Blocks.NoOptCommandBlock.NoOptCommandBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.NoOptCommandBlock.NoOptCommandBlock`:



Public Member Functions

- `def __init__ (self, block_name, star, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Additional Inherited Members

5.27.1 Detailed Description

This class is for generic commands without options

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/NoOptCommandBlock.py`

5.28 `texla.PageTree.Page.Page` Class Reference

Public Member Functions

- `def __init__ (self, title, page_type, level, keywords)`
- `def addText (self, text)`
- `def addSubpage (self, page, after=None)`
- `def addSubpages (self, pages, after=None)`
- `def addSubpage_top (self, page)`
- `def removeSubpage (self, page)`
- `def isSubpage (self, page)`
- `def get_subpages (self)`
- `def refresh_level (self, new_level)`
- `def after_render (self)`
- `def collapseSubpages (self, level=0)`
- `def collapseURL (self, base_url)`
- `def fixReferences (self, labels, pages)`
- `def fix_text_characters (self)`
- `def is_math_inside_title (self)`
- `def get_json_dictionary (self, pages)`
- `def get_str (self)`
- `def __str__ (self)`

Public Attributes

- **id**
- **title**
- **type**
- **keywords**
- **text**
- **collapsed**
- **subpages**
- **parent**
- **level**
- **math_inside_title**
- **url**

5.28.1 Detailed Description

Class that manages the pages content.
Data members of Page
-self.id = random id of the page
-self.title is the title normalized for urls
-self.subpages contains the list of the subpages objects
-self.level memorize the level of the page.(root=-1)
-self.url contains the unique internal url of the page
-self.type is 'root',part,chapter,section,subsection,subsubsection,paragraph.
-self.keywords is a dictionary with localized keywords for output

5.28.2 Member Function Documentation

5.28.2.1 addSubpage()

```
def tex1a.PageTree.Page.Page.addSubpage (
    self,
    page,
    after = None )
```

This methods add a subpage
refreshing the levels of ALL subpages.
It sets also the parent of the subpage

5.28.2.2 addSubpage_top()

```
def tex1a.PageTree.Page.Page.addSubpage_top (
    self,
    page )
```

This function add a subpage before all the others.

5.28.2.3 addSubpages()

```
def texla.PageTree.Page.Page.addSubpages (
    self,
    pages,
    after = None )
```

This function add a list of subpages,
setting levels and parent page.

5.28.2.4 after_render()

```
def texla.PageTree.Page.Page.after_render (
    self )
```

This function does some fixes after rendering

5.28.2.5 collapseSubpages()

```
def texla.PageTree.Page.Page.collapseSubpages (
    self,
    level = 0 )
```

This method insert the text of subpages in this
page and returns the complete text.

5.28.2.6 collapseURL()

```
def texla.PageTree.Page.Page.collapseURL (
    self,
    base_url )
```

This functions creates the url of the page
checking if it is collapsed. Then it continues
with the subpages

5.28.2.7 fix_text_characters()

```
def texla.PageTree.Page.Page.fix_text_characters (
    self )
```

Utility function to fix apostrophes and other characters
inside the text of the page

5.28.2.8 fixReferences()

```
def texla.PageTree.Page.Page.fixReferences (
    self,
    labels,
    pages )
```

This method insert the right mediawikiurl in the \ref tags after the collapsing

5.28.2.9 get_json_dictionary()

```
def texla.PageTree.Page.Page.get_json_dictionary (
    self,
    pages )
```

This function return the json dictionary of the page with all its children

5.28.2.10 get_subpages()

```
def texla.PageTree.Page.Page.get_subpages (
    self )
```

This function returns a list with all the subpages of the current page walking the subtree
KEEPING THE ORDER (REALLY IMPORTANT):
-subpage:
 --subsub1
 --subsub2:
---subsubsub
-subpage2...
=> [subpage, subsub1, subsub2, subsubsub, subpage2, ...]

5.28.2.11 is_math_inside_title()

```
def texla.PageTree.Page.Page.is_math_inside_title (
    self )
```

This function checkes if there is math inside titles

5.28.2.12 refresh_level()

```
def texla.PageTree.Page.Page.refresh_level (
    self,
    new_level )
```

This function change the level of this page refreshing recursively all the subpages

5.28.2.13 removeSubpage()

```
def texla.PageTree.PageTree.removeSubpage (
    self,
    page )
```

This function removes the subpage
recursively looking also at subpages

The documentation for this class was generated from the following file:

- texla/PageTree/Page.py

5.29 texla.PageTree.PageTree.PageTree Class Reference

Public Member Functions

- def **__init__** (self, configs)
- def [createPage](#) (self, title, page_type)
- def [exitPage](#) (self)
- def **addText** (self, text)
- def **addLabel** (self, label)
- def **getRef** (self, label)
- def [get_tree_json](#) (self)
- def [get_tree_debug](#) (self)
- def [after_render](#) (self)
- def **change_title** (self, page_id, title)
- def [remove_page_from_tree](#) (self, page, parent=None)
- def [collapse_tree](#) (self, content_level, max_page_level)
- def [collapse_content_level](#) (self, max_level)
- def [collapse_page_level](#) (self, max_level)
- def [collapse_urls](#) (self)
- def [fix_references](#) (self)
- def [create_indexes](#) (self)
- def [create_sections_index](#) (self)
- def [create_book_index](#) (self)

Static Public Member Functions

- def [get_normalized_title](#) (title)

Public Attributes

- **configs**
- **doc_title**
- **keywords**
- **output_path**
- **pages**
- **titles**
- **labels**
- **urls**
- **root_id**
- **root_page**
- **pageid_stack**
- **current_id**
- **current_anchor**

5.29.1 Member Function Documentation

5.29.1.1 after_render()

```
def texla.PageTree.PageTree.PageTree.after_render (
    self )
```

This function does some fixes after rendering

5.29.1.2 collapse_content_level()

```
def texla.PageTree.PageTree.PageTree.collapse_content_level (
    self,
    max_level )
```

This functions collapse the content of the pages at the choosen level. The content of the pages with level higher than max_level is moved up to the tree to the page with the max_level, creating titles in the page text. The pages touched are marked as collapsed=True.

5.29.1.3 collapse_page_level()

```
def texla.PageTree.PageTree.PageTree.collapse_page_level (
    self,
    max_level )
```

This function fixes the level of the pages in the index according to a max_level. Pages with a level higher than the max_level are moved up in the tree till the max_level. The order related to parent pages is maintained. The PageTree is rewritten, hierarchy and levels are fixed. Moreover the level=0 is a special level and it's content is moved to an intro page, because level=0 pages must contain the index of their subpages.

5.29.1.4 collapse_tree()

```
def texla.PageTree.PageTree.PageTree.collapse_tree (
    self,
    content_level,
    max_page_level )
```

This function contains all the tree collapsing procedures in the order: subpages content collapsing, subpages level collapsing, url collapsing, fixReferences.

5.29.1.5 collapse_urls()

```
def texla.PageTree.PageTree.PageTree.collapse_urls (
    self )
```

This function creates the urls of the pages,
checking is they are collapsed or not. If they are collapsed
the url is parent_page#title.
Then the references are resolved to urls through labes

5.29.1.6 create_book_index()

```
def texla.PageTree.PageTree.PageTree.create_book_index (
    self )
```

This function create the book total index
and the book export page index

5.29.1.7 create_indexes()

```
def texla.PageTree.PageTree.PageTree.create_indexes (
    self )
```

This function create sections index and
book total index

5.29.1.8 create_sections_index()

```
def texla.PageTree.PageTree.PageTree.create_sections_index (
    self )
```

This function create the index for the
sections (level=0) pages

5.29.1.9 createPage()

```
def texla.PageTree.PageTree.PageTree.createPage (
    self,
    title,
    page_type )
```

This method creates a new page and enters
in his enviroment setting current variables

5.29.1.10 exitPage()

```
def texla.PageTree.PageTree.PageTree.exitPage (  
    self )
```

Return to the parent page enviroment

5.29.1.11 fix_references()

```
def texla.PageTree.PageTree.PageTree.fix_references (  
    self )
```

This function fix the references inside the text with the right urls instead of urls

5.29.1.12 get_normalized_title()

```
def texla.PageTree.PageTree.PageTree.get_normalized_title (  
    title ) [static]
```

Function that removes bad symbols from title

5.29.1.13 get_tree_debug()

```
def texla.PageTree.PageTree.PageTree.get_tree_debug (  
    self )
```

This function prints the tree for debug

5.29.1.14 get_tree_json()

```
def texla.PageTree.PageTree.PageTree.get_tree_json (  
    self )
```

This function return the json tree

5.29.1.15 remove_page_from_tree()

```
def texla.PageTree.PageTree.PageTree.remove_page_from_tree (
    self,
    page,
    parent = None )
```

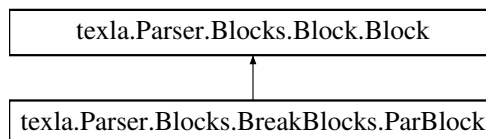
This function remove a page from the tree, but doesn't delete it. The page remains in the self.pages dictionary but not in the subpages of the pages in the tree. If a parent page is passed the research for the removal starts from that page with performance improvements

The documentation for this class was generated from the following file:

- texla/PageTree/PageTree.py

5.30 texla.Parser.Blocks.BreakBlocks.ParBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.BreakBlocks.ParBlock:



Public Member Functions

- def **__init__** (self, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.30.1 Detailed Description

This block only represents a \n\n in the tex

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/BreakBlocks.py

5.31 texla.Parser.Parser.Parser Class Reference

Public Member Functions

- `def __init__ (self, configs)`
- `def parse (self, tex)`
- `def parse_sections (self, tex, level, parent_block, options)`
- `def parse_instructions (self, tex, parent_block, options)`
- `def parse_enviroment (self, tex, parent_block, options)`
- `def parse_math (self, tex, parent_block, options)`
- `def parse_command (self, tex, parent_block, options)`
- `def parse_commands_group (self, tex, parent_block, options)`
- `def parse_letter_command (self, tex, parent_block, options)`
- `def parse_special_character (self, tex, parent_block, options)`
- `def parse_plain_text (self, tex, parent_block)`
- `def call_parser_hook (self, hook, type, tex, parent_block, params={})`

Public Attributes

- `configs`
- `doc_data`
- `root_block`

5.31.1 Member Function Documentation

5.31.1.1 call_parser_hook()

```
def texla.Parser.Parser.Parser.call_parser_hook (
    self,
    hook,
    type,
    tex,
    parent_block,
    params = {} )
```

This function checks if the required `parser_hook` is available, if not it calls the default hook. The function asks for type of call (env or cmd) to be able of asking the right default hooks, in case the hook is not available. Params is a dictionary of options for the parser. It usually contains the env or cmd parsed and if it's starred. It returns directly the output of `parser_hook`.

5.31.1.2 parse()

```
def texla.Parser.Parser.Parser.parse (
    self,
    tex )
```

Entry point for parsing. The `DocumentBlock` is created and all the parse chain is started from `parse_sections`. The function returns the `root_block`, which contains all the parsed tree blocks.

5.31.1.3 parse_command()

```
def texla.Parser.Parser.Parser.parse_command (
    self,
    tex,
    parent_block,
    options )
```

This function handles the parsing of normal commands. It catches the command's name and if it's starred. Removed the \cmd part, the tex is passed to the right parser_hook that manages the real parsing of commands options. The parser_hook decides also if the content of the command must be parsed recursively. It returns the block and the left tex that must be parsed by another cycle of parse_instructions()

5.31.1.4 parse_commands_group()

```
def texla.Parser.Parser.Parser.parse_commands_group (
    self,
    tex,
    parent_block,
    options )
```

This function handles the group of commands created with the syntax {...}. It's used for the formatting commands.

5.31.1.5 parse_enviroment()

```
def texla.Parser.Parser.Parser.parse_enviroment (
    self,
    tex,
    parent_block,
    options )
```

This function handles the parsing of environments. It parses the name of the environment and if it's starred. Then utility.get_environment() is used to extract the complete environment, handling nested envs. The content is sent to parser_hook for the specific parsing. The parser_hook decides also if the content of the env must be parsed recursively. A new block is created and returned with the tex remained to parse.

5.31.1.6 parse_instructions()

```
def texla.Parser.Parser.Parser.parse_instructions (
    self,
    tex,
    parent_block,
    options )
```

This function is the MAIN ENTRY POINT for parsing. It scan the tex from left to right. It searches for `\\` or `$`. When an instruction is found (a pattern starting with `\\` or `$`), the right parser function is called. These functions take care to parse the command, create the block calling `parser_hooks`, and to return the block and the tex left to parse. Then the remaining tex starts a new cycle in `parse_instructions()` recursively. It returns a list of parsed blocks.

The categories of instructions parsed are:

- math: starts with `$`, `$$` or `\\[\\(`
- environments: (start with `\\begin`)
- letters commands: they are special commands listed in `letters_commands`. They are parsed separately
- normal commands: like `\\cmd{text}`

5.31.1.7 parse_letter_command()

```
def texla.Parser.Parser.Parser.parse_letter_command (
    self,
    tex,
    parent_block,
    options )
```

,

This function handles special commands for accented or modified letters. They are special commands because they don't need a `{}` and they act directly on the next letter. Examples:

- `\\'a`: accented letter
- `\\'a`: grave accent
- `\\~a \\=a \\^a` other changes on the letter

The function parse that commands and call `parser_hook` as the normal `parse_command()` function. Although, the letter influenced by the command is inserted in a `{}` so that special command could be treated like normal commands with hooks. It returns the block and the left tex to parse.

5.31.1.8 parse_math()

```
def texla.Parser.Parser.Parser.parse_math (
    self,
    tex,
    parent_block,
    options )
```

This function handles the parsing of math commands: `$.$.`, `$$..$$`, `\\[.\\.]`, `\\(..\\.)`. The matched math is inserted in `"display_math"` or `"inline_math"` block. The function returns the block and `left_tex`.

5.31.1.9 parse_plain_text()

```
def texla.Parser.Parser.Parser.parse_plain_text (
    self,
    tex,
    parent_block )
```

This function create the block for plain text.
It doesn't return any left tex.

5.31.1.10 parse_sections()

```
def texla.Parser.Parser.Parser.parse_sections (
    self,
    tex,
    level,
    parent_block,
    options )
```

This parser function search for sections splitting inside tex.
The level of sections searched is indicated by sec_level option.
The function calls the parser_hooks of every section block.
When all sections levels are searched the control
pass to parse_instructions().
It returns a list of blocks parsed as tuples.

5.31.1.11 parse_special_character()

```
def texla.Parser.Parser.Parser.parse_special_character (
    self,
    tex,
    parent_block,
    options )
```

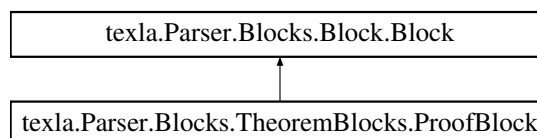
This function parse special commands like \% or \&.
The mechanism is the same ad special_commands, but options
are not searched.

The documentation for this class was generated from the following file:

- texla/Parser/Parser.py

5.32 texla.Parser.Blocks.TheoremBlocks.ProofBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.TheoremBlocks.ProofBlock:



Public Member Functions

- `def __init__ (self, title, content, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Public Attributes

- `title`

5.32.1 Detailed Description

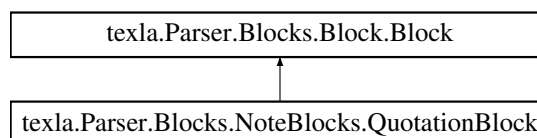
Block that represents a proof.

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TheoremBlocks.py`

5.33 `texla.Parser.Blocks.NoteBlocks.QuotationBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.NoteBlocks.QuotationBlock`:



Public Member Functions

- `def __init__ (self, tex, quote_type, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`

Public Attributes

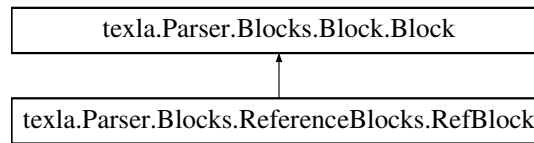
- `quote_type`

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/NoteBlocks.py`

5.34 `texla.Parser.Blocks.ReferenceBlocks.RefBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.ReferenceBlocks.RefBlock`:



Public Member Functions

- `def __init__(self, ref, ref_type, parent_block)`
- `def __str__(self)`

Static Public Member Functions

- `def parse_ref(parser, tex, parent_block, params)`

Public Attributes

- `ref`
- `ref_type`

5.34.1 Detailed Description

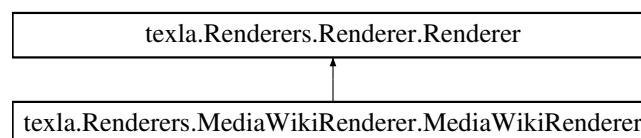
Block that represents reference

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/ReferenceBlocks.py`

5.35 `texla.Renderers.Renderer.Renderer` Class Reference

Inheritance diagram for `texla.Renderers.Renderer.Renderer`:



Public Member Functions

- def **__init__** (self)
- def [register_render_hooks](#) (self, hooks)
- def [register_renderer_hook](#) (self, name, hook)
- def [render_children_blocks](#) (self, block, collapse=True)
- def [render_block](#) (self, bl)
- def [render_blocks](#) (self, bls, collapse=False)
- def **used_tag** (self, tag)

Public Attributes

- **render_hooks**
- **used_tags**

5.35.1 Member Function Documentation

5.35.1.1 [register_render_hooks\(\)](#)

```
def texla.Renderers.Renderer.Renderer.register_render_hooks (
    self,
    hooks )
```

This function registers the hooks for renderer

5.35.1.2 [register_renderer_hook\(\)](#)

```
def texla.Renderers.Renderer.Renderer.register_renderer_hook (
    self,
    name,
    hook )
```

This function registers a hook for renderer

5.35.1.3 [render_block\(\)](#)

```
def texla.Renderers.Renderer.Renderer.render_block (
    self,
    bl )
```

This function calls the right `render_hook` for the block. If there isn't an hook it calld the default, that is mandatory

5.35.1.4 render_blocks()

```
def texla.Renderers.Renderer.Renderer.render_blocks (
    self,
    bls,
    collapse = False )
```

This function renderes a list of blocks.
It's the same as render_children_blocks but
with a generic list

5.35.1.5 render_children_blocks()

```
def texla.Renderers.Renderer.Renderer.render_children_blocks (
    self,
    block,
    collapse = True )
```

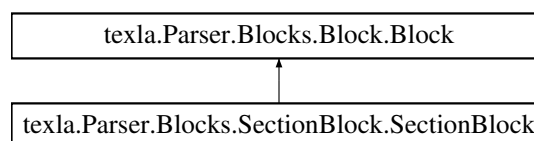
This is one of the most important funciont
of the rendering process.
This function takes all the children blocks of
a block and get they rendering output.
If collapsed=True it returns a unique string,
otherwise it returns a list of tuples with[(block_name, output)]

The documentation for this class was generated from the following file:

- texla/Renderers/Renderer.py

5.36 texla.Parser.Blocks.SectionBlock.SectionBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.SectionBlock.SectionBlock:



Public Member Functions

- def `__init__` (self, title, index_title, star, level, parent_block)
- def `__str__` (self)

Static Public Member Functions

- def `parse` (parser, tex, parent_block, params)

Public Attributes

- **section_level**

5.36.1 Constructor & Destructor Documentation

5.36.1.1 `__init__()`

```
def texla.Parser.Blocks.SectionBlock.SectionBlock.__init__ (
    self,
    title,
    index_title,
    star,
    level,
    parent_block )
```

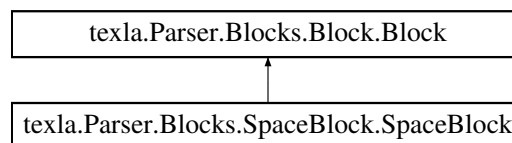
Constructor for sections:
 -title: main title
 -index_title: title for table of content
 -star: True/False
 -level: sections level
 -parent_block

The documentation for this class was generated from the following file:

- texla/Parser/Blocks/SectionBlock.py

5.37 texla.Parser.Blocks.SpaceBlock.SpaceBlock Class Reference

Inheritance diagram for texla.Parser.Blocks.SpaceBlock.SpaceBlock:



Public Member Functions

- def **__init__** (self, space_type, length, parent_block)

Static Public Member Functions

- def **parse** (parser, tex, parent_block, params)

Additional Inherited Members

5.37.1 Detailed Description

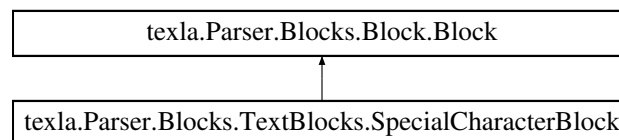
This class gives you the possibility to
put a vertical or horizontal space of the
length you want

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/SpaceBlock.py`

5.38 `texla.Parser.Blocks.TextBlocks.SpecialCharacterBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.TextBlocks.SpecialCharacterBlock`:



Public Member Functions

- `def parse` (parser, tex, parent_block, params)
- `def __init__` (self, char, parent_block)

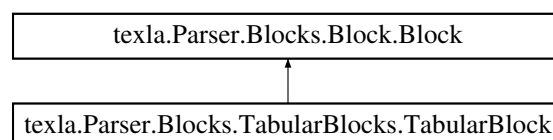
Additional Inherited Members

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TextBlocks.py`

5.39 `texla.Parser.Blocks.TabularBlocks.TabularBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.TabularBlocks.TabularBlock`:



Public Member Functions

- `def __init__ (self, pos, spec, parent_block)`

Static Public Member Functions

- `def parse (parser, tex, parent_block, params)`
- `def get_spec_dictionary (spec)`

Public Attributes

- `pos`

5.39.1 Member Function Documentation

5.39.1.1 `get_spec_dictionary()`

```
def texla.Parser.Blocks.TabularBlocks.TabularBlock.get_spec_dictionary (
    spec ) [static]
```

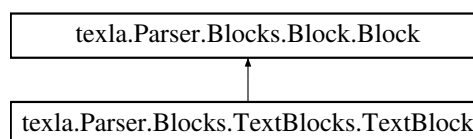
This function create a list for the spec of the tables

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TabularBlocks.py`

5.40 `texla.Parser.Blocks.TextBlocks.TextBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.TextBlocks.TextBlock`:



Public Member Functions

- `def __init__ (self, text, parent_block)`
- `def __str__ (self)`

Static Public Member Functions

- `def parse_plain_text (parser, tex, parent_block, params)`
- `def fix_text (text)`

Additional Inherited Members

5.40.1 Constructor & Destructor Documentation

5.40.1.1 `__init__()`

```
def texla.Parser.Blocks.TextBlocks.TextBlock.__init__ (
    self,
    text,
    parent_block )
```

Constructor for text:
-text: string:

5.40.2 Member Function Documentation

5.40.2.1 `fix_text()`

```
def texla.Parser.Blocks.TextBlocks.TextBlock.fix_text (
    text ) [static]
```

Function that removes useless spaces from text

5.40.2.2 `parse_plain_text()`

```
def texla.Parser.Blocks.TextBlocks.TextBlock.parse_plain_text (
    parser,
    tex,
    parent_block,
    params ) [static]
```

Plain text is seen as an env. It has only to return the block

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TextBlocks.py`

5.41 `texla.Parser.Blocks.TheoremBlocks.Theorem` Class Reference

Public Member Functions

- `def __init__ (self, th_type, definition, star, counter, numberby, title=)`

Public Attributes

- **th_type**
- **definition**
- **star**
- **counter**
- **numberby**
- **title**

5.41.1 Detailed Description

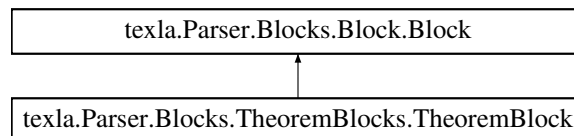
This object represents a theorem defined by the user

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TheoremBlocks.py`

5.42 `texla.Parser.Blocks.TheoremBlocks.TheoremBlock` Class Reference

Inheritance diagram for `texla.Parser.Blocks.TheoremBlocks.TheoremBlock`:



Public Member Functions

- `def __init__(self, theorem, title, content, parent_block)`

Static Public Member Functions

- `def parse(parser, tex, parent_block, params)`

Public Attributes

- **theorem**
- **th_type**

5.42.1 Detailed Description

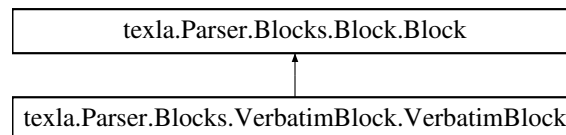
The theorem block reprints a theorem.
 The different type of theorems defined by the writer are prepared and put into `parser_theorems`.
 The TheoremBlock saves the found theorem with its title and theorem type object

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/TheoremBlocks.py`

5.43 texla.Parser.Blocks.VerbatimBlock.VerbatimBlock Class Reference

Inheritance diagram for `texla.Parser.Blocks.VerbatimBlock.VerbatimBlock`:



Public Member Functions

- `def __init__ (self, vtype, content, star, parent_block)`

Static Public Member Functions

- `def parse_verbatim (parser, tex, parent_block, params)`
- `def parse_verb (parser, tex, parent_block, params)`

Additional Inherited Members

5.43.1 Detailed Description

Starts an enviroment which will be typeset exactly as you type it, carriage returns and all, usually in typewriter font

The documentation for this class was generated from the following file:

- `texla/Parser/Blocks/VerbatimBlock.py`

