
AnyBlok / Attachment Documentation

Release 2.2.0

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Information about the AnyBlok / Attachment project.

1.1 Project Homepage

AnyBlok is hosted on [github](#) - the main project page is at https://github.com/AnyBlok/anyblok_attachment. Source code is tracked here using [GIT](#).

Releases and project status are available on Pypi at http://pypi.python.org/pypi/anyblok_attachment.

The most recent published version of this documentation should be at <http://doc.anyblok-attachment.anyblok.org>.

1.2 Project Status

AnyBlok with attachment is currently in beta status and is expected to be fairly stable. Users should take care to report bugs and missing features on an as-needed basis. It should be expected that the development version may be required for proper implementation of recently repaired issues in between releases;

1.3 Installation

Install released versions of AnyBlok from the Python package index with [pip](#) or a similar tool:

```
pip install anyblok_attachment
```

Installation via source distribution is via the `setup.py` script:

```
python setup.py install
```

Installation will add the `anyblok` commands to the environment.

1.4 Unit Test

Run the test with `nose`:

```
pip install nose
nosetests anyblok_attachment/tests
```

1.5 Dependencies

AnyBlok / Attachment works with **Python 3.5** and later. The install process will ensure that [AnyBlok](#) is installed, in addition to other dependencies. The latest version of them is strongly recommended.

1.6 Author

Jean-Sébastien Suzanne

1.7 Contributors

[Anybox](#) team:

- Jean-Sébastien Suzanne

[Sensee](#) team:

- Franck Bret
- Hugo Quezada

1.8 Bugs

Bugs and feature enhancements to AnyBlok should be reported on the [Issue tracker](#).

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2.1 Blok attachment

```
class anyblok_attachment.bloks.attachment.AttachmentBlok(registry)
    Bases: anyblok.blok.Blok

    Add attachment in AnyBlok

    author = 'Suzanne Jean-Sébastien'

    conditional_by = []

    conflicting_by = []

    classmethod import_declaration_module()
        Do the python import for the Declaration of the model or other

    name = 'attachment'

    optional_by = []

    pre_migration(latest_version)
        Called on update, before the auto migration
```

Warning: You can not use the ORM

Parameters latest_version – latest version installed, if the blok has never been installed, latest_version is None

```
classmethod reload_declaration_module(reload)

required = ['anyblok-core', 'anyblok-mixins']

required_by = ['attachment-postgres', 'report']

version = '2.0.0'
```

2.1.1 Memento

This blok Store documents in a table. The documents are historized each modification are saved. It is easy to get the latest or un historized version of one Document.

- All document:

```
registry.Attachment.Document.query().all()
```

- Only the latest:

```
registry.Attachment.Document.Latest.query().all()
```

- Only the historized:

```
registry.Attachment.Document.History.query().all()
```

Note: If one entry changed and a file is available then a historied version will be autmaticly created.

The historized version get the latest version of the document and a new version is added to the document

The document historize the version:

```
doc = registry.Attachment.Document.insert(...)
assert doc.type == 'latest'
assert doc.previous_version is None

doc.data = {'other': 'data'}
assert doc.previous_version is not None
assert doc.previous_version.type == 'historized'
```

2.1.2 API doc

Attachment

class anyblok_attachment.bloks.attachment.attachment.**Attachment**

Bases: object

Name space for the attachment models

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment
- Tablename: attachment

Documents

class anyblok_attachment.bloks.attachment.document.**Document**

Bases: object

AnyBlok registration:

- Type: Model

- Registry name: Model.Attachment.Document
- Tablename: attachment_document

Fields	
uuid	<ul style="list-style-type: none"> • Type - <code>anyblok.column.UUID</code> • <code>primary_key</code> - True • <code>nullable</code> - False • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>binary</code> - False • <code>native</code> - None
version_number	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>primary_key</code> - True • <code>nullable</code> - False • <code>autoincrement</code> - True • <code>default</code> - <code>anyblok.column.NoDefaultValue</code>
version	<ul style="list-style-type: none"> • Type - <code>anyblok.field.Function</code> • <code>fget</code> - <code>'get_version'</code>
created_at	<ul style="list-style-type: none"> • Type - <code>anyblok.column.DateTime</code> • <code>nullable</code> - False • <code>is auto updated</code> - False • <code>default timezone</code> - <code><UTC></code>
historied_at	<ul style="list-style-type: none"> • Type - <code>anyblok.column.DateTime</code> • <code>is auto updated</code> - False • <code>default timezone</code> - <code><UTC></code>
data	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Json</code> • <code>default</code> - <code>builtins.dict</code>
file_added_at	<ul style="list-style-type: none"> • Type - <code>anyblok.column.DateTime</code> • <code>is auto updated</code> - False • <code>default timezone</code> - <code><UTC></code>
filename	<ul style="list-style-type: none"> • Type - <code>anyblok.column.String</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>size</code> - 256
contenttype	<ul style="list-style-type: none"> • Type - <code>anyblok.column.String</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>size</code> - 64

class anyblok_attachment.bloks.attachment.document.**Latest**
 Bases: anyblok.model.Document, anyblok.mixin.ForbidDelete

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Document.Latest
- Tablename: attachment_document
- Inherited Models or Mixins:
 - anyblok.model.Document
 - anyblok.mixin.ForbidDelete

class anyblok_attachment.bloks.attachment.document.**History**
 Bases: anyblok.model.Document, anyblok.mixin.ReadOnly

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Document.History
- Tablename: attachment_document
- Inherited Models or Mixins:
 - anyblok.model.Document
 - anyblok.mixin.ReadOnly

Mixins

class anyblok_attachment.bloks.attachment.mixin.**LatestDocument**
 Bases: object

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.LatestDocument

Fields	
latest_document_uuid	<ul style="list-style-type: none"> • Type - anyblok.column.UUID • default - anyblok.column.NoDefaultValue • binary - None • native - None
latest_document	<ul style="list-style-type: none"> • Type - anyblok.field.Function • fget - 'get_latest_document' • fset - 'set_latest_document' • fdel - 'del_latest_document'

```
class anyblok_attachment.bloks.attachment.mixin.VersionedDocument
```

```
    Bases: object
```

AnyBlok registration:

- Type: Mixin
- Registry name: Mixin.VersionedDocument

Fields	
versioned_document_uuid	<ul style="list-style-type: none">• Type - anyblok.column.UUID• default - anyblok.column.NoDefaultValue• binary - None• native - None
versioned_document_version_number	<ul style="list-style-type: none">• Type - anyblok.column.Integer• default - anyblok.column.NoDefaultValue
versioned_document	<ul style="list-style-type: none">• Type - anyblok.field.Function• fget - 'get_versioned_document'• fset - 'set_versioned_document'• fdel - 'del_versioned_document'

Exceptions

```
exception anyblok_attachment.bloks.attachment.exceptions.NoFileException
```

```
    Document has not got file entry
```

```
exception anyblok_attachment.bloks.attachment.exceptions.ProtectedFieldException
```

```
    Try to update protected field
```

2.2 Blok wkhtml2pdf

```
class anyblok_attachment.bloks.wkhtml2pdf.WkHtml2PdfBlok(registry)
```

```
    Bases: anyblok.blok.Blok
```

```
    Add attachment in AnyBlok
```

```
    author = 'Suzanne Jean-Sébastien'
```

```
    conditional_by = []
```

```
    conflicting_by = []
```

```
    classmethod import_declaration_module()
```

```
        Do the python import for the Declaration of the model or other
```

```
    name = 'wkhtml2pdf'
```

```
    optional_by = []
```

```

classmethod reload_declaration_module (reload)

required = ['anyblok-core']

required_by = []

version = '1.0.0'

```

2.2.1 Memento

Define tools to convert HTML to PDF with wkhtmltopdf.

To use WkHtml2Pdf in your template is easy:

```

@register (Model.Attachment.Template)
class MyTemplate (Mixin.WkHtml2Pdf):
    ... # template configuration

    def render (self, data):
        html_content = ...
        return self.wkhtml2pdf (html_content)

```

You may define one or more configuration:

```

page_A4 = registry.Attachment.WkHtml2Pdf.Page.insert (
    label="A4", size="A4")
page_postal_label = registry.Attachment.WkHtml2Pdf.Page.insert (
    label="Postal carrier 1", height=80, width=120)
wkhtml2pdf = registry.Attachment.WkHtml2Pdf.insert (
    label="A4", page=page_A4, margin_top=20)
template = registry.Attachment.Template.insert (
    ...,
    wkhtml2pdf_configuration=wkhtml2pdf
)
doc = registry.Attachment.Document.insert (
    template=template, data=...)
doc.get_file()

```

2.2.2 API doc

Models

```

class anyblok_attachment.bloks.wkhtml2pdf.model.WkHtml2Pdf
    Bases: object

```

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.WkHtml2Pdf
- Tablename: attachment_wkhtml2pdf

Fields	
id	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>primary_key</code> - <code>True</code> • <code>nullable</code> - <code>False</code> • <code>autoincrement</code> - <code>True</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code>
label	<ul style="list-style-type: none"> • Type - <code>anyblok.column.String</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>size</code> - <code>64</code>
created_at	<ul style="list-style-type: none"> • Type - <code>anyblok.column.DateTime</code> • <code>nullable</code> - <code>False</code> • <code>is auto updated</code> - <code>False</code> • <code>default timezone</code> - <code><UTC></code>
updated_at	<ul style="list-style-type: none"> • Type - <code>anyblok.column.DateTime</code> • <code>nullable</code> - <code>False</code> • <code>is auto updated</code> - <code>True</code> • <code>default timezone</code> - <code><UTC></code>
copies	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>1</code>
grayscale	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Boolean</code> • <code>default</code> - <code>False</code>
lowquality	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Boolean</code> • <code>default</code> - <code>False</code>
dpi	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code>
page_offset	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>0</code>
minimum_font_size	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code>
margin_bottom	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Integer</code> • <code>nullable</code> - <code>False</code>

cast_html2pdf (*prefix*, *html_content*)

Cast html document to a pdf document

Parameters

- **prefix** – prefix use for the temporary document
- **html_content** – html file (bytes)

Return type bytes

Exception WkHtml2PdfException

class anyblok_attachment.bloks.wkhtml2pdf.model.**Page**

Bases: object

Define the Page size

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.WkHtml2Pdf.Page
- Tablename: attachment_wkhtml2pdf_page

Fields	
label	<ul style="list-style-type: none">• Type - <code>anyblok.column.String</code>• <code>primary_key</code> - <code>True</code>• <code>nullable</code> - <code>False</code>• <code>default</code> - <code>anyblok.column.NoDefaultValue</code>• <code>size</code> - <code>64</code>
created_at	<ul style="list-style-type: none">• Type - <code>anyblok.column.DateTime</code>• <code>nullable</code> - <code>False</code>• <code>is auto updated</code> - <code>False</code>• <code>default timezone</code> - <code><UTC></code>
updated_at	<ul style="list-style-type: none">• Type - <code>anyblok.column.DateTime</code>• <code>nullable</code> - <code>False</code>• <code>is auto updated</code> - <code>True</code>• <code>default timezone</code> - <code><UTC></code>
size	<ul style="list-style-type: none">• Type - <code>anyblok.column.String</code>• <code>default</code> - <code>anyblok.column.NoDefaultValue</code>• <code>size</code> - <code>64</code>
height	<ul style="list-style-type: none">• Type - <code>anyblok.column.Integer</code>• <code>default</code> - <code>anyblok.column.NoDefaultValue</code>
width	<ul style="list-style-type: none">• Type - <code>anyblok.column.Integer</code>• <code>default</code> - <code>anyblok.column.NoDefaultValue</code>

Mixins

class `anyblok_attachment.bloks.wkhtml2pdf.mixin.WkHtml2Pdf`

Bases: `object`

AnyBlok registration:

- Type: `Mixin`
- Registry name: `Mixin.WkHtml2Pdf`

Fields	
wkhtml2pdf_configuration	<ul style="list-style-type: none"> • Type - anyblok.relationship.Many2One • model - Model.Attachment.WkHtml2Pdf • index - False

`check_if_file_must_be_generated` (*document*)
 Overwrite to check also if the configuration have changed

Exceptions

exception anyblok_attachment.bloks.wkhtml2pdf.exceptions.**WkHtml2PdfException**
 Only id the page configuration is wrong

exception anyblok_attachment.bloks.wkhtml2pdf.exceptions.**PageValidityException**
 Only id the page configuration is wrong

2.3 Blok report

```
class anyblok_attachment.bloks.report.ReportBlok (registry)
    Bases: anyblok.blok.Blok

    Add attachment in AnyBlok

    author = 'Suzanne Jean-Sébastien'

    conditional_by = []

    conflicting_by = []

    classmethod import_declaration_module ()
        Do the python import for the Declaration of the model or other

    name = 'report'

    optional_by = []

    classmethod reload_declaration_module (reload)

    required = ['attachment']

    required_by = ['report-format']

    version = '1.0.0'
```

2.3.1 Memento

The main goal is to create document in function of template

Add a new template:

```
template = registry.Attachment.Template.insert(...)
```

Add a Document without file but with a Template:

```
document = registry.Attachment.Document.insert(template=template, ...)
document.generate_file()
```

Warning: the `get_file` method may re-create the document with historization if the data have been changed

Model.Attachment.Parser

It is an unSQL model, the goal is to transform the data from `Model.Attachment.Document` to Json format to create the file:

```
@register(Model.Attachment.Parser)
class MyParser(Model.Attachment.Parser):

    @classmethod
    def serialize(cls, data):
        # return serialize data

    @classmethod
    def check_if_file_must_be_generated(cls, template, document):
        # return a Boolean to know if the file must be regenerate
```

Model.Attachment.Template

The template describe how to generate the document file in function of of the data in the document.

The `Model.Attachment.Template` can be used directly an `Template` type class must be add with polymorphism:

```
@register(Model.Attachment)
class Template:

    def get_template_type(self):
        res = super(MyTemplateType, self).get_template_type()
        res.update({'MyTemplateType': 'My type label'})
        return res

@register(Model.Attachment.Template)
class MyTemplateType(Model.Attachment.Template):
    TYPE = 'MyTypeOfTemplate'

    uuid = UUID(primary_key=True, nullable=False, binary=False,
                foreign_key=Model.Attachment.Template.use('uuid').options(ondelete=
↪ 'cascade'))
    # other field need for the template

    def render(self):
        # generate a file
        return file
```

or on the same table:

```
@register(Model.Attachment)
class Template:
```

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```

def get_template_type(self):
    res = super(MyTemplateType, self).get_template_type()
    res.update({'MyTemplateType': 'My type label'})
    return res

@register(Model.Attachment.Template,
           tablename=Model.Attachment.Template)
class MyTemplateType(Model.Attachment.Template):
    TYPE = 'MyTypeOfTemplate'

    def render(self):
        # generate a file
        return file

```

2.3.2 API doc

Common

`anyblok_attachment.bloks.report.common.format_path(path)`

Return the absolute path in function of the blok

Parameters `path` – the path to format

Returns the absolute path

Exception `PathException`

Parser

`class anyblok_attachment.bloks.report.parser.Parser(model)`

Bases: `object`

Base parser to serialize the data for templating

AnyBlok registration:

- Type: `Model`
- Registry name: `Model.Attachment.Parser`
- Tablename: `attachment_parser`

`classmethod check_if_file_must_be_generated(template, document)`

Return a boolean to know if the file must be generate or not

Parameters

- `template` – template intance
- `document` – latest document instance

Returns `bool`

`classmethod serialize(model, data)`

Serialize the data to be understanding by template

Parameters

- **model** – an anyblok model need to serialize
- **data** – json dict

Returns json dict

Template

class anyblok_attachment.bloks.report.template.**Template**

Bases: object

Base Model template to define the main configuration between templating system

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Template
- Tablename: attachment_template

Fields	
uuid	<ul style="list-style-type: none"> Type - <code>anyblok.column.UUID</code> primary_key - <code>True</code> nullable - <code>False</code> default - <code><function uuid1 at 0x7fb6a5b019e0></code> binary - <code>False</code> native - <code>None</code>
name	<ul style="list-style-type: none"> Type - <code>anyblok.column.String</code> nullable - <code>False</code> default - <code>anyblok.column.NoDefaultValue</code> size - <code>64</code>
created_at	<ul style="list-style-type: none"> Type - <code>anyblok.column.DateTime</code> nullable - <code>False</code> is auto updated - <code>False</code> default timezone - <code><UTC></code>
updated_at	<ul style="list-style-type: none"> Type - <code>anyblok.column.DateTime</code> nullable - <code>False</code> is auto updated - <code>True</code> default timezone - <code><UTC></code>
model	<ul style="list-style-type: none"> Type - <code>anyblok.column.String</code> nullable - <code>False</code> foreign_key - <code>Model.System.Model => name</code> default - <code>anyblok.column.NoDefaultValue</code> size - <code>256</code>
filename	<ul style="list-style-type: none"> Type - <code>anyblok.column.String</code> nullable - <code>False</code> default - <code>'{doc.uuid}-{doc.version}-{date}'</code> size - <code>64</code>
type	<ul style="list-style-type: none"> Type - <code>anyblok.column.Selection</code> nullable - <code>False</code> default - <code>anyblok.column.NoDefaultValue</code> selections - <code>'get_template_type'</code> size - <code>64</code>
template_from	<ul style="list-style-type: none"> Type - <code>anyblok.column.Selection</code> nullable - <code>False</code> default - <code>'path'</code> selections - <code>'get_template_from'</code> size - <code>64</code>
2.3. Blok report	<ul style="list-style-type: none"> Type - <code>anyblok.column.Selection</code> nullable - <code>False</code> default - <code>'path'</code> selections - <code>'get_template_from'</code> size - <code>64</code>

check_if_file_must_be_generated (*document*)

Return True if the file must generate

Parameters **document** – attachment document instance

Return type bool

create_file_for (*document*)

Create a file and add it in the attachment document

Parameters **document** – attachment document instance

get_parser ()

return the template file to compute

classmethod **get_parser_from** ()

Give the location of the parser

get_template ()

return the template file to compute

classmethod **get_template_from** ()

Give the location of the template

classmethod **get_template_type** ()

Give the template type

render (*data*)

Return the file create by the templating engine

Parameters **data** – the serialized data

update_document (*document*, *file_*, *data*)

Update the document to fill file and content

Parameters

- **document** – attachment document instance
- **file** – bytes file
- **data** – serialized data

Document

class anyblok_attachment.bloks.report.document.**Document**

Bases: object

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Document
- Tablename: attachment_document

Fields	
template	<ul style="list-style-type: none">• Type - anyblok.relationship.Many2One• model - Model.Attachment.Template• index - False


```
class anyblok_attachment.bloks.report.document.Latest
    Bases: object
```

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Document.Latest
- Tablename: attachment_document

Exceptions

```
exception anyblok_attachment.bloks.report.exceptions.TemplateException
    Simple exception if miss Template data
```

```
exception anyblok_attachment.bloks.report.exceptions.PathException
    Simple exception if it is not a valid path for Template
```

```
exception anyblok_attachment.bloks.report.exceptions.RenderException
    Simple exception for all error in the render method
```

2.4 Blok report-format

```
class anyblok_attachment.bloks.format.ReportBlok(registry)
    Bases: anyblok.blok.Blok
```

Add attachment in AnyBlok

```
author = 'Suzanne Jean-Sébastien'
```

```
conditional_by = []
```

```
conflicting_by = []
```

```
classmethod import_declaration_module()
    Do the python import for the Declaration of the model or other
```

```
name = 'report-format'
```

```
optional_by = []
```

```
classmethod reload_declaration_module(reload)
```

```
required = ['report']
```

```
required_by = []
```

```
version = '1.0.0'
```

2.4.1 Memento

Simple python templating formatage

template file exemple:

```
<!doctype html>
<html>
  <head>
    <title>{title}</title>
  </head>
  <body>
    {description}
  </body>
</html>
```

add the document and create file:

```
template = registry.Attachment.Template.Format.insert(
    name="template_name"
    template_path='path/of/the/python.template',
    contenttype='text/html',
    filename='mypage.html')
document = registry.Attachment.Document.insert(
    template=template,
    data={'title': 'My page', 'description': 'Hello world !!'})
document.get_file()
```

>>>:

```
{
  'contenttype': 'text/html',
  'file': b'<!doctype html>\n<html>\n    <head>\n        <title>My page</title>\n    b'\n    </head>\n    <body>\n        Hello world !!\n    </body>\n<\n    b'/html>\n',
  'file_added_at': datetime.datetime(2018, 1, 4, 9, 22, 56, 922346, tzinfo=
→<DstTzInfo 'CET' CET+1:00:00 STD>),
  'filename': 'mypage.html',
  'filesize': 131,
  'hash': b'\xf0\xe2?\xebk\xb4\x15\xf0\xb2\x9cT\x08\xee#\x02\xe2\xbe\xa6\x8d'
    b'\xc8\xcd\x91;\xba2\x9c\x9dUF\x10' }
}
```

2.4.2 API doc

Template

class anyblok_attachment.bloks.format.template.Template
Bases: object

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Template
- Tablename: attachment_template

Format

class anyblok_attachment.bloks.format.template.**Format**

Bases: anyblok.model.Template

Simple python format templating

AnyBlok registration:

- Type: Model
- Registry name: Model.Attachment.Template.Format
- Tablename: attachment_template_format
- Inherited Models or Mixins:
 - anyblok.model.Template

Fields	
uuid	<ul style="list-style-type: none"> • Type - anyblok.column.UUID • primary_key - True • nullable - False • foreign_key - Model.Attachment.Template => uuid • default - anyblok.column.NoDefaultValue • binary - False • native - None
contenttype	<ul style="list-style-type: none"> • Type - anyblok.column.String • nullable - False • default - anyblok.column.NoDefaultValue • size - 64

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 - 1.0.1 (2018-01-11)
 - 1.0.0 (2018-01-10)

CHAPTER 3

CHANGELOG

3.1 2.2.0 (2021-8-17)

- Adapted to **AnyBlok** ≥ 1.2

3.2 2.1.0 (2020-05-05)

- Removed **Python 3.4** capability
- Removed **Python 3.5** capability
- Refactored unittest, replaced nose by pytest
- Added **attachment_postgres** blok, only for postgresql driver, the **LargeBinary** column is replaced by **LargeObject** column

3.3 2.0.0 (2018-11-28)

- Removed the sequence created by the document. Replaced it by a simple counter on latest document

Note: You can use this script before migration to update the database:

```
CREATE FUNCTION update_attachment() RETURNS void AS $$
DECLARE
    -- declarations
    target RECORD;
BEGIN
    FOR target IN select uuid, version from attachment_document where version_
↪number is null LOOP
        UPDATE attachment_document SET version_number = CAST(substring(target.
↪version from '...$') as Integer) WHERE uuid = target.uuid AND version = target.
↪version;
```

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```
        END LOOP;
    END;
$$ LANGUAGE plpgsql;

CREATE FUNCTION update_sequence() RETURNS void AS $$
    DECLARE
        -- declarations
        seq RECORD;
    BEGIN
        FOR seq IN select id, seq_name from system_sequence where code ilike
→ 'Attachment.Document#%' LOOP
            EXECUTE 'DROP SEQUENCE ' || quote_ident(seq.seq_name);
            DELETE FROM system_sequence where id = seq.id;
        END LOOP;
    END;
$$ LANGUAGE plpgsql;

ALTER TABLE attachment_document DROP CONSTRAINT anyblok_pk_attachment_document;
ALTER TABLE attachment_document ADD COLUMN version_number INTEGER;
select update_attachment();
select update_sequence();
ALTER TABLE attachment_document ADD PRIMARY KEY (uuid, version_number);
UPDATE system_blok SET installed_version = '2.0.0' WHERE name = 'attachment';
DROP FUNCTION update_attachment();
DROP FUNCTION update_sequence();
```

3.4 1.2.0 (2018-09-14)

- Allow to get another field to represent the file
- PR #4: Added a column name on the template to identify them easily (@GohuHQ)
- PR #3: Fixed option name for wkhtmltopdf (@GohuHQ)

3.5 1.1.1 (2018-06-05)

- Fix the mixins come from **anyblok_mixins**

3.6 1.1.0 (2018-05-16)

- [ADD] add Mixin `Mixin.LatestDocument` and `Mixin.VersionedDocument` to help the developer to get **latest_document** or **versioned_document**

3.7 1.0.2 (2018-02-24)

- [REF] Anyblok 0.17.0 changed setter to add application and application groups, So I had to adapt the existing to use new setter

3.8 1.0.1 (2018-01-11)

- [FIX] `Mixin.WkHtml2Pdf` check also if the configuration changed for **Template.check_if_file_must_be_generated**

3.9 1.0.0 (2018-01-10)

- [ADD] **attachment** blok: stock versionned file
- [ADD] **report** blok: create versionned file from template
- [ADD] **report-format** blok: template type
- [ADD] **wkhtml2pdf** blok: convert html to pdf in the template

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