
AnyBlok / Attachment Documentation

Release 2.2.0

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Contents:

1	Front Matter	1
1.1	Project Homepage	1
1.2	Project Status	1
1.3	Installation	1
1.4	Unit Test	2
1.5	Dependencies	2
1.6	Author	2
1.7	Contributors	2
1.8	Bugs	2
2	Bloks	5
2.1	Blok attachment	5
2.2	Blok wkhtml2pdf	10
2.3	Blok report	15
2.4	Blok report-format	21
3	CHANGELOG	25
3.1	2.2.0 (2021-8-17)	25
3.2	2.1.0 (2020-05-05)	25
3.3	2.0.0 (2018-11-28)	25
3.4	1.2.0 (2018-09-14)	26
3.5	1.1.1 (2018-06-05)	26
3.6	1.1.0 (2018-05-16)	26
3.7	1.0.2 (2018-02-24)	26
3.8	1.0.1 (2018-01-11)	27
3.9	1.0.0 (2018-01-10)	27
4	Mozilla Public License Version 2.0	29
4.1	1. Definitions	29
4.2	2. License Grants and Conditions	31
4.3	3. Responsibilities	32
4.4	4. Inability to Comply Due to Statute or Regulation	33
4.5	5. Termination	33
4.6	6. Disclaimer of Warranty	33
4.7	7. Limitation of Liability	34
4.8	8. Litigation	34
4.9	9. Miscellaneous	34

4.10	10. Versions of the License	34
4.11	Exhibit A - Source Code Form License Notice	35
4.12	Exhibit B - “Incompatible With Secondary Licenses” Notice	35
5	Indices and tables	37
	Python Module Index	39
	Index	41

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](#).

Contents

- *Bloks*
 - *Blok attachment*
 - * *Memento*
 - * *API doc*
 - *Attachment*
 - *Documments*
 - *Mixins*
 - *Exceptions*
 - *Blok wkhtml2pdf*

- * *Memento*
- * *API doc*
 - *Models*
 - *Mixins*
 - *Exceptions*
- *Blok report*
 - * *Memento*
 - *Model.Attachment.Parser*
 - *Model.Attachment.Template*
 - * *API doc*
 - *Common*
 - *Parser*
 - *Template*
 - *Document*
 - *Exceptions*
- *Blok report-format*
 - * *Memento*
 - * *API doc*
 - *Template*
 - *Format*

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

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> • <code>primary_key</code> - <code>True</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code><function uuid1 at 0x7fada361bcb0></code> • <code>binary</code> - <code>False</code> • <code>native</code> - <code>None</code>
name	<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>
model	<ul style="list-style-type: none"> • Type - <code>anyblok.column.String</code> • <code>nullable</code> - <code>False</code> • <code>foreign_key</code> - <code>Model.System.Model => name</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>size</code> - <code>256</code>
filename	<ul style="list-style-type: none"> • Type - <code>anyblok.column.String</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>'{doc.uuid}-{doc.version}-{date}'</code> • <code>size</code> - <code>64</code>
type	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Selection</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>anyblok.column.NoDefaultValue</code> • <code>selections</code> - <code>'get_template_type'</code> • <code>size</code> - <code>64</code>
template_from	
2.3. Blok report	<ul style="list-style-type: none"> • Type - <code>anyblok.column.Selection</code> • <code>nullable</code> - <code>False</code> • <code>default</code> - <code>'path'</code> • <code>selections</code> - <code>'get_template_from'</code> • <code>size</code> - <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>'
        b'\n    </head>\n    <body>\n        Hello world !!\n    </body>\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\xa16\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

Contents

- *CHANGELOG*
 - 2.2.0 (2021-8-17)
 - 2.1.0 (2020-05-05)
 - 2.0.0 (2018-11-28)
 - 1.2.0 (2018-09-14)
 - 1.1.1 (2018-06-05)
 - 1.1.0 (2018-05-16)
 - 1.0.2 (2018-02-24)
 - 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;
```

(continues on next page)

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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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CHAPTER 5

Indices and tables

- `genindex`
- `modindex`
- `search`

a

- `anyblok_attachment.bloks.attachment`, [5](#)
- `anyblok_attachment.bloks.attachment.attachment`,
[6](#)
- `anyblok_attachment.bloks.attachment.document`,
[6](#)
- `anyblok_attachment.bloks.attachment.exceptions`,
[10](#)
- `anyblok_attachment.bloks.attachment.mixin`,
[9](#)
- `anyblok_attachment.bloks.format`, [21](#)
- `anyblok_attachment.bloks.format.template`,
[22](#)
- `anyblok_attachment.bloks.report`, [15](#)
- `anyblok_attachment.bloks.report.common`,
[17](#)
- `anyblok_attachment.bloks.report.document`,
[20](#)
- `anyblok_attachment.bloks.report.exceptions`,
[21](#)
- `anyblok_attachment.bloks.report.parser`,
[17](#)
- `anyblok_attachment.bloks.report.template`,
[18](#)
- `anyblok_attachment.bloks.wkhtml2pdf`, [10](#)
- `anyblok_attachment.bloks.wkhtml2pdf.exceptions`,
[15](#)
- `anyblok_attachment.bloks.wkhtml2pdf.mixin`,
[14](#)
- `anyblok_attachment.bloks.wkhtml2pdf.model`,
[11](#)

A

anyblok_attachment.bloks.attachment
 (module), 5

anyblok_attachment.bloks.attachment.attachment
 (module), 6

anyblok_attachment.bloks.attachment.document
 (module), 6

anyblok_attachment.bloks.attachment.exceptions
 (module), 10

anyblok_attachment.bloks.attachment.mixin
 (module), 9

anyblok_attachment.bloks.format (module),
 21

anyblok_attachment.bloks.format.template
 (module), 22

anyblok_attachment.bloks.report (module),
 15

anyblok_attachment.bloks.report.common
 (module), 17

anyblok_attachment.bloks.report.document
 (module), 20

anyblok_attachment.bloks.report.exceptions
 (module), 21

anyblok_attachment.bloks.report.parser
 (module), 17

anyblok_attachment.bloks.report.template
 (module), 18

anyblok_attachment.bloks.wkhtml2pdf
 (module), 10

anyblok_attachment.bloks.wkhtml2pdf.exceptions
 (module), 15

anyblok_attachment.bloks.wkhtml2pdf.mixin
 (module), 14

anyblok_attachment.bloks.wkhtml2pdf.model
 (module), 11