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# **sphinx-revealjs Documentation**

***Release 2.9.3***

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`sphinx-revealjs` is Sphinx extension to generate Reveal.js presentation documents from **standard** reStructuredText.



## BASIC FEATURES

- Nested sections
- Speaker note
- Syntax highlight for Reveal.js (not used pygments)
- Customize slides and sections by `conf.py` or source reST





## DEMO

- Source: [Sphinx document](#)
- Created: [Reveal.js presentation](#)

```
=====
sphinx-revealjs
=====

.. revealjs_slide::

    {
        controls: true,
        progress: true,
        history: true,
        center: true,
        transition: "slide",
        dependencies: [
            { src: "{{ pathto('_static/revealjs/plugin/notes/notes.js', 1) }}" , async: true },
            { src: "{{ pathto('_static/revealjs/plugin/highlight/highlight.js', 1) }}" , async: true, callback: function()
        ]
    }

:Based version: 0.9.0
:Released: 2019-12-22

Overview
=====

What is this?
-----

Sphinx extension to build Revealjs presentation

Features
-----

.. This is reST comment. Render into speaker note section

* Convert sections from reStructuredText directly
* Select theme from default themes

Convert sections from reStructuredText directly
=====

Adjust section structure
```

# sphinx-revealjs

**Based version:**  
0.9.0

**Released:**  
2019-12-22

## CONCEPT AND MOTIVATION

Goal of this library is to provide presentation platform for self-branding of engineer using Sphinx. Using static site hosting service, you can show own presentations to anyone.

Core motivation is that I want to play presentation by this library.



## CONTENTS

### 4.1 Setup

#### 4.1.1 Requirements

`sphinx-revealjs` requires Python 3.6+ (recommended 3.7+) and Sphinx.

##### Current development environment

- Python: 3.10.x
- Sphinx: 5.3.0

#### 4.1.2 Installation

You can install `sphinx-revealjs` from PyPI.

```
$ pip install sphinx-revealjs
```

`sphinx-revealjs` specify Sphinx and docutils expressly as dependencies. You get Sphinx by this command only.

#### 4.1.3 Configuration

`sphinx-revealjs` does not provide `revealjs` builder instead of `html` builder. To use builder, edit your `conf.py`.

```
extensions = [  
    "sphinx_revealjs",  
]
```

if you want to configure more, edit `conf.py` with seeing *Configurations*.

## 4.1.4 Build

Run make command to build presentations. Files are generated to **revealjs** folder.

```
$ make revealjs
```

You can generate all pages as `index.html` to use `dirrevealjs`.

```
make dirrevealjs
```

## 4.2 Upgrading guide

### 4.2.1 Upgrading from 0.x to 1.x

From version 1.x, this bundle Reveal.js 4.x, and implement for it. Due it, documentations for old version does not work to build correctly.

You have to lock version, or migrate source for next version.

### Configurations

#### revealjs\_script\_plugins

Reveal.js 4.x has big changes for usage of plugins from 3.x.

sphinx-revealjs is also adjust for this changes, and need update `revealjs_script_plugins`.

```
revealjs_script_plugins = [  
  {  
+    "name": "RevealNotes",  
+    "src": "revealjs4/plugin/notes/notes.js",  
-    "src": "revealjs/plugin/notes/notes.js",  
  },  
  {  
+    "name": "RevealHighlight",  
+    "src": "revealjs4/plugin/highlight/highlight.js",  
-    "src": "revealjs/plugin/highlight/highlight.js",  
-    "options": ""  
-    {async: true, callback: function() { hljs.initHighlightingOnLoad(); } }  
-    ""  
  },  
]
```

- Changed structure from `src` and `options` to `src` and `name`.
  - For 4.x, to use plugin for core, add class name of it not source path, and need to preload source by `script` tag.
  - Class name is defined in plugin source. You need find from source or ref documents (official plugin only)
  - In adding, does not accept options for plugins.

MORE: See [Using Plugins from Reveal.js document](#)

### revealjs\_css\_files

If you use highlight plugin and specify bundled stylesheet file, change path of stylesheet. Style files is migrated to highlight plugin folder.

- Before: revealjs/lib/css/zenburn.css
- After: revealjs4/plugin/highlight

## 4.2.2 Upgrading from 1.x to 2.x

From 2.x, some features are removed because splitted other extensions or duplicated behaviors. If you want to use new version by documentation using 1.x, you should upgrade project files.

### Fonts

sphinx-revealjs does not support font configuration features to provide features as “Presentation tools”.

### If you want to use Google Fonts

You can add CSS URL into revealjs\_css\_files directly.

```
revealjs_css_files = [
    "https://fonts.googleapis.com/css2?family=Noto+Sans+JP",
    "css/custom.css",
]
```

Example of css/custom.css.

```
.reveal *, .reveal h1, .reveal h2, .reveal h3, .reveal h4, .reveal h5, .reveal h6 {
    font-family: 'Noto Sans JP', sans-serif;
}
```

### Use googlefonts-markup

If you want to write only font-family, use googlefonts-markup.

```
from googlefonts_markup import Font

revealjs_css_files = [
    Font(family_name="Noto Sans JP").css_url(),
    "css/custom.css",
]
```

## Change using Google Fonts per presentations

You need to create custom theme per presentations.

```
# Define default theme
revealjs_style_theme = "black"
```

```
=====
Title
=====

.. Set `revealjs-slide/theme` to override theme

.. revealjs-slide::
   :theme: "css/theme-for-this-presentation.css"
```

## Speaker Views

New configuration `revealjs_notes_from_comments` are defined. But, because default values is False, your presentation not write speaker-note when you upgrade sphinx-revealjs

## Replace revealjs-notes(recommended)

You can replace `revealjs-notes` from comment-block. And you can use comment-block as COMMENT(does not write as content from source).

Before:

```
.. This is 1.x style speaker-view content
```

After:

```
.. revealjs-notes::

   This is 1.x style speaker-view content
```

## Configuration for compatible behaviors

You can set True `revealjs_notes_from_comments` to use behaviors of ver 1.x.

```
revealjs_notes_from_comments = True
```



## Configurations

### html\_js\_files/revealjs\_js\_files

sphinx-revealjs does not ref `html_js_files` as list of additional JavaScript files. It refer only `revealjs_js_files`.

You must do one of these.

- Copy needy values of `html_js_files` to `revealjs_js_files`
- Sync `html_js_files` to `revealjs_js_files` (ex: `revealjs_js_files = html_js_files`)

### revealjs\_use\_index

sphinx-revealjs does not generate `genindex.html` (list of in vals) on default. If you want `genindex.html` for Reveal.js builder, you muse set `True`.

## Directives

sphinx-revealjs defines kebab-cased directives only, and removed snake-cased directives. You must replace cases to run by 2.x.

Before	After
<code>revealjs_break</code>	<code>revealjs-break</code>
<code>revealjs_fragments</code>	<code>revealjs-fragments</code>
<code>revealjs_section</code>	<code>revealjs-section</code>
<code>revealjs_slide</code>	<code>revealjs-slide</code>

## 4.3 Configurations

sphinx-revealjs can build multiple presentations. You can configure in `conf.py` for all presentations.

### 4.3.1 Basic configurations

#### revealjs\_static\_path

**Type**  
list

**Default**  
[] (empty)

**Example**  
["\_static"]

List of static files directory ( same as `html_static_path` )

#### revealjs\_js\_files

**Type**  
list

**Default**

[] (empty)

**Example**

["custom.js"]

List of using custom css (same as [html\\_js\\_files](#) ).

When you want to use JS that does not related revealjs, can use this.

**revealjs\_css\_files****Type**

list

**Default**

[] (empty)

**Example**

["custom.css"]

List of using custom css (same as [html\\_css\\_files](#) ).

If you want to customize presentation by CSS, write external css and use it.

**revealjs\_use\_index****Type**

bool

**Default**

False

Flag that does builder generate `genindex.html` (same as [html\\_use\\_index](#) ).

## 4.3.2 Style Configurations

**revealjs\_style\_theme****Type**

str

**Default**

black

**Example**

moon, custom.css

Theme name of stylesheet for Reveal.js.

- If value does not have suffix `.css`, use bundled Reveal.js theme(included `revealjs/css/theme`).

### 4.3.3 Presentation Configurations

#### revealjs\_use\_section\_ids

**Type**  
boolean

**Default**  
False

If this is set True, inject id attribute into section element (parent of headerings). This means that change format of internal links (default is numbering style).

#### revealjs\_script\_files

**Type**  
List[str]

**Default**  
[]

**Example**  
["presentation.js"]

List of sources that render as script tags.

There is bundled Reveal.js script at revealjs/js/reveal.js.

Example:

```
<div>
  <!-- Presentation body -->
</div>
<!-- here!! -->
<script src="_static/revealjs/js/revealjs.js"></script>
<script src="_static/presentation.js"></script>
```

#### revealjs\_script\_conf

**Type**  
str or dict

**Default**  
None

Configuration of Reveal.js presentation. This value is used as options of `Reveal.initialize` in output files.

- If value is string type, handle as raw javascript code.
- If value is dict object, convert to json string at internal.

---

**Note:** For behavior compatibility, it appends `{"scrollActivationWidth": None}` as default configuration when value is dict object or is not set.

See it: <https://github.com/hakimel/reveal.js/releases/tag/5.0.0>

---

Example 1: case of str

```
revealjs_script_conf = """
{
    controls: false,
    transition: 'zoom',
}
"""
```

```
<div>
  <!-- Presentation body -->
</div>
<script src="_static/revealjs/js/revealjs.js"></script>
<!-- here!! -->
<script>
  let revealjsConfig = {};
  revealjsConfig = Object.assign(revealjsConfig, {
    controls: false,
    transition: 'zoom',
  });
  revealjs.initialize(revealjsConfig);
</script>
```

Example 2: case of dict

```
revealjs_script_conf = {
    "controls": False,
    "transition": "zoom",
}
```

```
<div>
  <!-- Presentation body -->
</div>
<script src="_static/revealjs/js/revealjs.js"></script>
<!-- here!! -->
<script>
  let revealjsConfig = {};
  revealjsConfig = Object.assign(revealjsConfig, JSON.parse('{"controls": false,
→ "transition": "zoom", "scrollActivationWidth": null}'));
  revealjs.initialize(revealjsConfig);
</script>
```

example 1 and 2 are behaving same.

### revealjs\_script\_plugins

**Type**  
List[Dict]

**Default**  
[]

List of plugin configurations. If this value is set, render script tag after source script tags.

There are bundled Reveal.js plugins at `revealjs/plugin`.

Example:

```

revealjs_script_plugins = [
    {
        "src": "revealjs4/plugin/highlight/highlight.js",
        "name": "RevealHighlight",
    },
]

```

```

<div>
  <!-- Presentation body -->
</div>
<script src="_static/revealjs/js/revealjs.js"></script>
<script src="_static/revealjs/plugin/highlight/highlight.js"></script>
<!-- here!! -->
<script>
  let revealjsConfig = {};
  revealjsConfig.plugins = [RevealHighlight,];
  revealjs.initialize(revealjsConfig);
</script>

```

**revealjs\_notes\_from\_comments**

**Type**  
boolean

**Default**  
False

If this is set *True*, builder writes notes section from comment block.

## 4.4 Directives

sphinx-revealjs provides some directives to customize presence and behaviors.

### 4.4.1 For customize presentation

Sphinx can manage multiple documents, so that sphinx-revealjs can build multiple presentation slides.

If you want to configure one presentaion from some, use this directive into your source.

**.. revealjs-slide::**

Write revealjs-slide directive on directly below of title header.

---

**Note:** Directive based customize has options less than conf based because implementation restrict.

---

**:theme: (string)**  
Override revealjs\_style\_theme.

**:google\_font: (string)**  
Override revealjs\_google\_fonts, but it can specify only one.

**Warning:** This option is not work in v2.x. It will removed in v3.x

**:conf:** (JSON-string or no-value)

Override revealjs\_script\_conf, but single line only.

Usage:

```
Presentation title
```

```
=====
```

```
.. revealjs-slide::
```

```
   :theme: moon
```

```
Section
```

```
-----
```

```
Content
```

## 4.4.2 For customize sections

If you want to change behavior of sections, use these directives.

**.. revealjs-section::**

To change behavior per section, write directive per section.

**:data-XXX:**

This directive can accept attribute as same as Reveal.js section tags. For more information, please see [Reveal.js documentation](#).

---

**Note:** This may be not completed all attributes for Reveal.js. If you find missing attribute, pleas post issues or pull-requests into GitHub.

---

Usage:

Write revealjs-slide directive on directly below of section title header.

```
Title
```

```
=====
```

```
Section
```

```
-----
```

```
.. revealjs-section::
```

```
   :data-background-color: #009900
```

**.. revealjs-break::**

If you want to transition section with keeping title, revealjs-break can use.

Usage:

Write revealjs-break to point of want to split section.

Title

=====

Section

-----

Content 1

**.. revealjs-break::**

Content 2(next slide)

**:data-XXX:**

It accepts attributes as same as `revealjs-section`.

**:notitle:**

If it is set in directive, next section page does not display title.

### 4.4.3 For interactive contents

**.. revealjs-code-block::**

This is extends of `code-block` directive for presentation.

If you want to use custom attributes in code-block.

**:data-line-numbers: (string or no value)**

Code highlighting pattern. See [Reveal.js document](#)

Example:

```
.. revealjs-code-block:: python
   :data-line-numbers: 1

   def hello():
       print("world")
```

**:data-ln-start-from: (integer)**

Set number of first-line in code block. When this is assigned, display line numbers even if `data-line-numbers` is not set.

```
.. revealjs-code-block:: python
   :data-ln-start-from: 3

   print(datetime.datetime.now())
```

Please see `Reveal.js document` <<https://revealjs.com/code/#line-number-offset-4.2.0>>  


**.. revealjs-literalinclude::**

This is extends of `literalinclude` directive for presentation.

If you want to use custom attributes in literalinclude.

External attributes are same from `revealjs-code-block`.

## **.. revealjs-fragments::**

---

**Note:** There are cases not working regular.

---

Inject fragment attribute into objects. Referer to “Fragments” from Reveal.js

You can see [demo](#) to know usage.

**:custom-effect: (string)**

When it is set, inject as custom class. You can customize behavior of fragments transitions with CSS.

Example:

Write block as directive that you want to present as fragments.

```
.. revealjs-fragments::

    * First
    * Second
    * Third
```

## **.. revealjs-notes::**

When you write this section, inner text are as content of [Speaker View](#).

If you write some directives on same-level, Reveal.js uses first directive only.

---

**Note:** You must be careful for comment block when you set [revealjs\\_notes\\_from\\_comments](#) in `conf.py`. Reveal.js recognizes first `<aside>` element as content of speaker-view, so you may not see directive content as notes.

---

Example:

```
.. revealjs-notes::

    This content output into <aside> element on <section>.
```

## 4.5 Optional extensions

sphinx-revealjs includes optional extensions. These are not core features for presentation, but supporting features to get for more values.

### 4.5.1 Why these are optional ?

These require extra packages to work, but them do not need for standard features. However, required packages are large (example: playwright is 27MB to only create screenshot).

Therefore, I splitted core features and optional features as “package extra”.



## 4.5.2 Usage

With install `sphinx-revealjs`, append extras by `[]`.

```
pip install 'sphinx-revealjs[OPT1]'
```

You can install multiple extras with comma.

```
pip install 'sphinx-revealjs[OPT1,OPT2]'
```

Edit `conf.py` to work extensions.

For details, please see extension's page.

## 4.5.3 Features

### `sphinx_revealjs.ext.footnotes`

**Added**  
v2.8.0

### Overview

This extension updates position of footnotes.

### Installation

You need not install extra, you can use it immediately after installing `sphinx-revealjs`.

### Usage

When adding extension into your `conf.py`, insert CSS file to customize layout of footnotes.

### Example

Listing 1: `conf.py`

```
extensions = [
    "sphinx_revealjs",
    "sphinx_revealjs.ext.footnotes",
]
```

Listing 2: `sample-slide.rst`

**Sample title**

=====

This sentence has footnotes `[#f1]_`

(continues on next page)

(continued from previous page)

```
.. [#f1] This is footnote.
```

## Configuration

All Configuration names are prefixed `revealjs_footnotes_`.

### `revealjs_footnotes_font_size`

**Type**  
str

**Default**  
50%

**Example**  
60%

Font-size of rendered footnote contents.

### `revealjs_footnotes_ref_font_size`

**Type**  
str

**Default**  
70%

**Example**  
60%

Font-size of rendered footnote's referer text.

## `sphinx_revealjs.ext.screenshot`

**Added**  
v2.5.0

## Overview

Generate screenshot first section of presentations by Playwright. Screenshots can use as OGP Image contents.

---

**Note:** This extension generates screenshots only when your running builder is `revealjs` or `dirrevealjs`. Even if you run other builder with this in extensions, any screenshot are not generated.

---

## Installation

This extension need Playwright and browser component.

```
pip install 'sphinx-revealjs[screenshot]'
playwright install
```

## Usage

When adding extention into your `conf.py`, this generates screenshots per pages. You can set image path into `:og:image:` field of `sphinxext-opengraph` in advance.

## Example

Listing 3: `conf.py`

```
extensions = [
    "sphinx_revealjs",
    "sphinx_revealjs.ext.screenshot",
    "sphinxext.opengraph",
]
```

Listing 4: `sample-slide.rst`

```
:og:image: ../_images/ogp/sample-slide.png

Sample title
=====
```

## Configuration

All Configuration names are prefixed `revealjs_screenshot_`.

### `revealjs_screenshot_outdir`

**Type**  
str

**Default**  
"\_images/ogp"

**Example**  
"\_static/images"

Output directory for generated screenshots. This must be releative path for outdir of Sphinx.

### `revealjs_screenshot_excludes`

**Type**  
List[str]

**Default**  
[] (empty)

**Example**

```
["index"]
```

List of docnames to exclude for target of screenshots. Values must be docname format that does not need extension of files.

**Works**

After build all documents, launch headless-browser by Playwright.

Browser captures screenshots any document pages for these rule.

- Targets are generating files. If it runs incremental build and document is not changed, document is not target.
- If docname contains are `revealjs_screenshot_excludes`, document is not target.

When browser capture screenshots, this sets image size from Reveal config (width and height). These values are used viewport of presentation.

- If you want to change all sizes, you can set `revealjs_script_conf`.
- If you want to change per docs, you can set `revealjs-slide` directive.

**Note**

Currently, I recommend using `sphinxext-opengraph` to add ogp metatags (it is useful). I delegate behavior about open-graph, and `sphinx-revealjs` does not have feature to generate ogp tags.

## 4.6 Using tips

### 4.6.1 Create custom theme

**Added**

v2.1.0

`sphinx-revealjs` includes SCSS sources of bundled themes. You can write custom theme from theme template of `reveal.js` using `libsass`.

**Example 1: Using libsass**

First, install `libsass` to compile SASS/SCSS on your environment.

```
pip install libsass
```

Write SCSS source for your theme.

```
// Use template sources from Reveal.js
@import "template/mixins";
@import "template/settings";

// Write your settings
$base03: #002b36;
```

(continues on next page)

(continued from previous page)

```
// ...

@import "template/theme";

// You can write custom style too.
.reveal {
  h1, h2, h3 {
    text-transform: none;
  }
}
```

Compile source.

```
from pathlib import Path

import sass
from sphinx_revealjs.themes import get_theme_path

source = Path("_sass/custom.scss").read_text()
css = sass.compile(
    string=source,
    include_paths=[str(get_theme_path() / "static/revealjs4/css/theme")]
)
Path("_static/custom.css").write_text(css)
```

Use compiled CSS as your theme.

```
# conf.py
# If option has extension, find from static files.
revealjs_style_theme = "custom.css"
revealjs_static_path = ["_static"]
```

## Example 2: sphinxcontrib-sass

You can use `sphinxcontrib-sass` to simplify.

```
pip install --find-links=https://github.com/attakei-lab/sphinxcontrib-sass/releases_
↪sphinxcontrib-sass
```

```
# conf.py
from sphinx_revealjs.themes import get_theme_path

extensions = [
    # .. Your extensions
    # Add
    "sphinxcontrib.sass",
]

sass_src_dir = "_sass"
sass_out_dir = "_static"
```

(continues on next page)

(continued from previous page)

```
sass_targets = {"custom.scss": "custom.css"}
sass_include_paths = [
    get_theme_path("sphinx-revealjs") / "static" / "revealjs4" / "css" / "theme",
]
```

When document updated, it compile scss to css.

## 4.6.2 Customizing design simply

When using bundled theme, you can customize design by adding custom CSS.

### Example: Disable transform style in header text

Some of reveal.js bundled themes (ex: black ) set uppercase in `text-transform` of heading texts. You can add extra custom CSS to use other settings.

#### Source

Listing 5: conf.py

```
revealjs_css_files = [
    "revealjs4/plugin/highlight/zenburn.css",
    "custom.css",
]
```

Listing 6: custom.css

```
.reveal h1, .reveal h2, .reveal h3, .reveal h4, .reveal h5, .reveal h6 {
    text-transform: none;
}
```

## 4.7 Contributing

Thank you for interested to sphinx-revealjs.

---

**Todo:** Add USING, QUESTION and DOCUMENTATION

---

## 4.7.1 Contribute code

### Local development environment

This is spec for development by author( attakei ) on 2022/08/27.

- Arch Linux
- Python 3.10.x
- Installed `pre-commit` globally

### Setting up repo

After you clone forked Git repository, run commands to set up.

```
python tools/fetch_revealjs.py
pre-commit install
python -m venv venv
venv/bin/pip install -e '.[test]'
```

## 4.8 Changelog

### 4.8.1 ver 2.9.3

**date**

2024-01-13 JST

**base**

Reveal.js 5.0.4 (updated)

(None updates for features)

### 4.8.2 ver 2.9.2

**date**

2023-12-03 JST

**base**

Reveal.js 5.0.2

### Fixes

- Output script config from `json.dumps()` without `JSON.parse` in `<script>`.

### 4.8.3 ver 2.9.1

**date**  
2023-11-25 JST

**base**  
Reveal.js 5.0.2

#### Miscellaneous

- Mark deprecated into `google_font` in `revealjs-slide` directive.

### 4.8.4 ver 2.9.0

**date**  
2023-11-19 JST

**base**  
Reveal.js 5.0.2 (updated)

---

**Note:** This is for last minor update for v2.x

---

#### Features

- Set default configuration to disable scroll-view mode for compatibility.

#### Miscellaneous

- Update translations.
- Add logging for deprecated.

### 4.8.5 ver 2.8.0

**date**  
2023-10-29 JST

**base**  
Reveal.js 4.6.1



## Features

- Add custom event “revealjs:ready-for-writing” (internal)
- Add optional extension `sphinx_revealjs.ext.footnotes`. See [doc](#) for detail.

## Miscellaneous

- Checked works on Python 3.12
- Use MyPy for type check

### 4.8.6 ver 2.7.1

#### date

2023-09-29 JST

#### base

Reveal.js 4.6.1

## Miscellaneous

- Lock Sphinx version for documentation

### 4.8.7 ver 2.7.0

#### date

2023-09-29 JST

#### base

Reveal.js 4.6.1 (updated)

(None updates for features)

### 4.8.8 ver 2.6.0

#### date

2023-04-30 JST

#### base

Reveal.js 4.5.0 (updated)

## Features

- Support custom fragments of Reveal.js 4.5.0 or greater.
  - Include demo updating.

## Miscellaneous

- Checked Sphinx 7.x compatibility.

### 4.8.9 ver 2.5.1

**date**

2023-01-07

**base**

Reveal.js 4.4.0

## Fixes

- `sphinx_revealjs.ext.screenshot` works only revealjs based builders.

## Miscellaneous

- Update demo
  - Use `sphinx_revealjs.ext.screenshot` and `sphinxext-opengraph`
  - Change structure for i18n

### 4.8.10 ver 2.5.0

**date**

2022-12-18

**base**

Reveal.js 4.4.0

## Features

- Add optional extension `sphinx_revealjs.ext.screenshot`. See [doc](#) for detail.

## Miscellaneous

- Extract only target files from archive of Reveal.js.
  - Contain files are not changed
  - It is for CVE-2007-4559

### 4.8.11 ver 2.4.1

**date**

2022-11-20

**base**

Reveal.js 4.4.0

(None updates for features)

#### Extra

- Fix badge of readme

### 4.8.12 ver 2.4.0

**date**

2022-11-13

**base**

Reveal.js 4.4.0

#### Added features

- Add `data-ln-start-from` into `revealjs-code-block` and `revealjs-literalinclude`.

#### Changes

- Demo documentation are changed from `demo/revealjs4` to `demo`.

#### Deprecated

- Output warning when using it by Python 3.6
- Mark notice level deprecated
  - Change directory for contents of Reveal.js

#### Change supportings

- Add Python 3.11 into supportings
- Drop Python 3.6 from supportings

## Development environment

- Hooks of `pre-commit` are using as standard lintings. In GitHub Actions, `lint` is running `pre-commit`.
- Use Flit as building library instead of Poetry.

### 4.8.13 ver 2.3.0

**date**  
2022-10-23

**base**  
Reveal.js 4.4.0 (updated)

## Updated Features

- Support `data-background-gradient` correctly (already defined, but not working at older Reveal.js)

### 4.8.14 ver 2.2.0

**date**  
2022-10-01

**base**  
Reveal.js 4.3.1

## Added features

- Add `revealjs-literalinclude` that is extends of `literalinclude` for `data-line-numbers`. It is likely `revealjs-code-block`.

### 4.8.15 ver 2.1.0

**date**  
2022-08-28

**base**  
Reveal.js 4.3.1

## Added Features

- Package includes SCSS sources of revealjs bundled-themes

### Extra

- Use pre-commit

### 4.8.16 ver 2.0.1

**date**  
2022-08-02

**base**  
Reveal.js 4.3.1

### Fixes

- Custom builders accept app and env (optional) in initialize function

### 4.8.17 ver 2.0.0

**date**  
2022-05-31

**base**  
Reveal.js 4.3.1

### Added Features

- Directive `revealjs-notes` writes speaker-view content into presentation
- Config `reveajs_notes_from_comments` toggle if it creates speaker-view content from comment-block
  - BREAKING CHANGE: Default value is False. You must set True explicitly to use as same as ver 1.x
- Config `reveajs_use_index` toggle if it creates `genindex.html`
  - BREAKING CHANGE: Default value is False. You must set True explicitly to use as same as ver 1.x

### Fixes

- Register data-XXX attributes into `revealjs-section` and `revealjs-break` from <https://revealjs.com/>

### Deleted feaures

- Remove snake-cesed directives
- Does not generate `search.html`

## 4.8.18 Old versions

### Version 1.x

#### ver 1.5.3

**date**  
2022-06-02

**base**  
Reveal.js 4.3.1

#### Fixes

- All nodes for `sphinx-revealjs` does not write anything when none revealjs builder works.

#### ver 1.5.2

**date**  
2022-04-29

**base**  
Reveal.js 4.3.1

#### Fixes

- Work `revealjs-break` directive in `dirrevealjs` builder (#109)
- Inherit behavior of any nodes from `html` builder to `dirrevealjs` builder (#108)

## Deprecated

Mark as deprecated(logging.warning) to drop at version 2.x (updated from v1.5.0)

- Snake-cased directive ( `revealjs_slide`, `revealjs_section` and `revealjs_break` )
- CSS Font configurations ( `revealjs_google_fonts` and `revealjs_generic_font` )
- Passing values from `html_js_files` to `revealjs_js_files`

#### ver 1.5.1

**date**  
2022-04-21

**base**  
Reveal.js 4.3.1

## Fixes

- Add role="main" into page.html for searching by Sphinx (#102)

## Misc

- Add documentation link into metadata (PyPI)

## ver 1.5.0

**date**  
2022-04-11

**base**  
Reveal.js 4.3.1

## Features

- Add dirrevealjs builder to generate all pages as index.html

## Deprecated

Mark as deprecated(logging.info) to drop at version 2.x

- Snake-cased directive ( revealjs\_slide, revealjs\_section and revealjs\_break )
- CSS Font configurations ( revealjs\_google\_fonts and revealjs\_generic\_font )
- Passing values from html\_js\_files to revealjs\_js\_files
- Full-support for Python 3.6.x

## ver 1.4.6

**date**  
2022-03-26

**base**  
Reveal.js 4.3.1 (updated)

(Only update reveal.js)

### ver 1.4.5

**date**

2022-03-06

**base**

Reveal.js 4.3.0 (updated)

(Only update reveal.js)

### ver 1.4.4

**date**

2021-12-12

**base**

Reveal.js 4.2.1 (updated)

(Only update reveal.js)

### ver 1.4.3

**Date**

2021-11-20

**Reveal.js**

v4.2.0

(None updates for features)

### Extra

- Update classifiers of PyPI
  - Fix key of license
  - Add other keys

### ver 1.4.2

**Date**

2021-11-20

**Reveal.js**

v4.2.0

(None updates for features)



## Extra

- Update test matrix of GitHub Actions to confirm that this supports python 3.10
- Update classifiers of PyPI because test cases passed under Python 3.10 and Sphinx 4.x

## ver 1.4.1

### Date

2021-11-16

### Reveal.js

v4.2.0 (updated)

## Fixes

- Replace reveal.js to use right bundle version.

## ver 1.4.0

### Date

2021-11-13

### Reveal.js

v4.2.0 (updated)

## New features

- Add `revealjs_js_files` for `conf.py` to set JS file. (#77)
- `revealjs_script_conf` accepts dict types (#56)

## Extra

- Change test codes from nose to py.test

## ver 1.3.1

### date

2021-07-17

### base

Reveal.js 4.1.3

## Fixes

- `revealjs-fragments` for paragraph contents (#71)

## ver 1.3.0

**date**  
2021-07-11

**base**  
Reveal.js 4.1.3

## New features

- Support some attributes of sections
- Add directive `revealjs-code-block` to line highlighting for reveal.js
- Add kebab-case directives for currently snake-case directives
  - `revealjs-slide`  $\leq$  `revealjs_slide`
  - `revealjs-section`  $\leq$  `revealjs_section`
  - `revealjs-break`  $\leq$  `revealjs_break`
  - `revealjs-fragments`  $\leq$  `revealjs_fragments`

## ver 1.2.1

**date**  
2021-06-13

**base**  
Reveal.js 4.1.3 (updated)

(Only update reveal.js)

## ver 1.2.0

**date**  
2021-06-06

**base**  
Reveal.js 4.1.1 (updated)

## New fetures

- When builder writes contents from extensions, use same of html builder

### ver 1.1.0

**date**  
2021-04-04

**base**  
Reveal.js 4.1.0

## New features

- Add option to add `id` attribute per sections (#59, #61)
  - Supporting label syntax of Sphinx.

## Extra

- Fix dependencies for development environment
- Add `package.json` to notify updates reveal.js by dependabot

### ver 1.0.1

**date**  
2021-01-30

**base**  
Reveal.js 4.1.0

## Fixes

- Change order of link tags for css files (#40, #41)
- Rename test case function names for duplicated (#42, #54)

### ver 1.0.0

**date**  
2021-01-03

**base**  
Reveal.js 4.1.0

### Breaking changes

In this version, `sphinx-revealjs` bundle Reveal.js version 4.x, and does not supporting to work with Reveal.js 3.x. If you want to migrate presentation source for this version, please see [migration example](#).

### New features

- Using Revealjs 4.x (use 4.1.0)
  - With supporting multiple presentation management in single documentation

### Drop

- Bundle and implements for Revealjs 3.x

### Version 0.x

#### ver 0.12.1

**date**  
2020-12-12

### Fixes

- Restrict effect of `revealjs_section` for only one section ( [PR#36](#) )

#### ver 0.12.0

**date**  
2020-06-21

### New features

- Config variables:
  - `revealjs_js_files`
  - `revealjs_css_files`
  - `revealjs_static_path`

## Updates

- `revealjs_google_fonts` use Google Fonts API version 2
- Change css selector for google-fonts

## Drop

- Remove `zenburn.css` from default included css files
- Ignore `html_js_files`, `html_css_files` and `html_static_path`

## ver 0.11.0

### date

2020-04-17

## Features

- Add new config variables `revealjs_style_theme`, `revealjs_google_fonts`, `revealjs_generic_font``, `revealjs_script_files`, `revealjs_script_conf` and `revealjs_script_plugins`
- **Breaking:** Change directive option, from `config` to `conf` in `RevealjsSlide` directive.

## Drop

- **Breaking:** Remove config variables `revealjs_theme` and `revealjs_theme_options`.

## Fixes

- Use black for formatting

## ver 0.10.1

### date

2020-04-09

## Fixes

- Change bundle Reveal.js (3.9.1 -> 3.9.2)

## ver 0.10.0

### data

2020-03-25

## Features

- Change bundle Reveal.js (3.8.0 -> 3.9.1)
- Add support version (3.8, author's default)

## Fixes

- In development, depend by sphinxcontrib-gtagjs. (use in demo)

## Extra

- Change license (MIT -> Apache-2.0)
- Use poetry as build environment

## ver 0.9.0

### date

2019-12-22

## Fixes

- google-fonts default options is changed for not to render in template.
- Adjusting templates based by sphinx basic theme. (short breaking)
  - Enable metatags , scripts and more template values.

## ver 0.8.0

### date

2019-11-11

## Features

- Add new config option `google_font` to set google-font style.

## ver 0.7.0

### date

2019-10-28

## Features

- Add new directive `revealjs_fragments` to use Fragment.

## ver 0.6.1

### date

2019-09-12

## Fixes

- Remove tag that refer source not exists

## ver 0.6.0

### date

2019-07-31

## Features

- Add new directive `revealjs_break` to split sections.
  - Updated demo

## Extra

- Add docstrings any sources. (ignore tests)
- Remove Pipenv.
- Migrate metadata and options from `setup.py` into `setup.cfg`.
- Use bumpversion for versioning

## ver 0.5.1

**date**  
2019-06-30

### Extra

- Update Reveal.js from 3.7.0 to 3.8.0

## ver 0.5.0

**date**  
2018-12-31

### Features

- Revealjs initialize config accept from sphinx document config
- Revealjs initialize config accept from `revealjs_slide` directive

## ver 0.4.1

**date**  
2018-12-21

### Fixes

- `revealjs_section` directive of source apply for itself only

## ver 0.4.0

**date**  
2018-12-10

### Features

- It can select theme per presentations.



**ver 0.3.1**

First public release on PyPI.

## 4.9 Versioning policy

**date**

2022-11-06

---

**Note:** This is possibility to change without announces.

---

### 4.9.1 Base rules

sphinx-revealjs releases based from [Semantic Versioning 2.0.0](#).

- Update major version with:
  - Drop or changed configuration variables
  - Have big changes of generated contents by new Reveal.js
  - Breaking changes for setup-level requirements
- Update minor version with:
  - Update marks for deprecated (warning level)
  - Add new features (include inner extensions)
  - Add supporting dependencies
  - Drop supporting dependencies (not change setup-level)
  - Change major version of Reveal.js, but it need not update as major version
  - Change minor version of Reveal.js
  - Change components by misc reasons
- Update patch version with:
  - Mark deprecated notice
  - Fixed bugs
  - Change patch version of Reveal.js

## 4.9.2 Following dependencies

### CPython

sphinx-revealjs supports only “Living” versions for as of first of year.

“**Living**” means that it have not published last security-only releases. “**Not living**” means that it is finished to published security-only releases.

1. When some version of CPython released “last security-only release”, sphinx-revealjs will release with marks deprecated notice-level at upcoming (patch version).
2. When sphinx-revealjs releases new minor version after 2 month from version with marked deprecated notice, this will drop old versions from everywhere and deprecated warning (minor versoin).
3. If sphinx-revealjs must only use specify version, this will set `python_requires` and release new versoin (major or minor version).

### Sphinx

(TBD)

### Reveal.js

sphinx-revealjs bundles stable version.

1. When Reveal.js is released as patch version, sphinx-revealjs bundles new version and releases as patch version at upcoming.
2. When Reveal.js is released as minor version, sphinx-revealjs bundles new version and releases as minor version at upcoming. It is possibility to include adding options for new version.
3. When Reveal.js is released as major version, I will check compatibility for configuration of extension.
  - If I have decise to need breaking change, sphinx-revealjs will release as major version.
  - if it need not change or only add configuration, sphinx-revealjs will release as minor versoin. sphinx-revealjs bundles new version and releases as patch version at upcoming.

## **LICENSES**

This library is licensed Apache License version 2.0.

About license of directly dependencies, please see each software projects or documentations.

- docutils:
  - <https://docutils.sourceforge.io/>
- Sphinx:
  - <https://www.sphinx-doc.org/>
  - <https://github.com/sphinx-doc/sphinx>
- Reveal.js:
  - <https://revealjs.com/#/>
  - <https://github.com/hakimel/reveal.js>



## INDICES AND TABLES

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



## Symbols

- :conf: (*directive option*)
  - revealjs-slide (*directive*), 18
- :custom-effect: (*directive option*)
  - revealjs-fragments (*directive*), 20
- :data-XXX: (*directive option*)
  - revealjs-break (*directive*), 19
  - revealjs-section (*directive*), 18
- :data-line-numbers: (*directive option*)
  - revealjs-code-block (*directive*), 19
- :data-ln-start-from: (*directive option*)
  - revealjs-code-block (*directive*), 19
- :google\_font: (*directive option*)
  - revealjs-slide (*directive*), 17
- :notitle: (*directive option*)
  - revealjs-break (*directive*), 19
- :theme: (*directive option*)
  - revealjs-slide (*directive*), 17

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- configuration value
  - revealjs\_css\_files, 14
  - revealjs\_footnotes\_font\_size, 22
  - revealjs\_footnotes\_ref\_font\_size, 22
  - revealjs\_js\_files, 13
  - revealjs\_notes\_from\_comments, 17
  - revealjs\_screenshot\_excludes, 23
  - revealjs\_screenshot\_outdir, 23
  - revealjs\_script\_conf, 15
  - revealjs\_script\_files, 15
  - revealjs\_script\_plugins, 16
  - revealjs\_static\_path, 13
  - revealjs\_style\_theme, 14
  - revealjs\_use\_index, 14
  - revealjs\_use\_section\_ids, 15

## R

- revealjs\_css\_files
  - configuration value, 14
- revealjs\_footnotes\_font\_size
  - configuration value, 22
- revealjs\_footnotes\_ref\_font\_size

- configuration value, 22
- revealjs\_js\_files
  - configuration value, 13
- revealjs\_notes\_from\_comments
  - configuration value, 17
- revealjs\_screenshot\_excludes
  - configuration value, 23
- revealjs\_screenshot\_outdir
  - configuration value, 23
- revealjs\_script\_conf
  - configuration value, 15
- revealjs\_script\_files
  - configuration value, 15
- revealjs\_script\_plugins
  - configuration value, 16
- revealjs\_static\_path
  - configuration value, 13
- revealjs\_style\_theme
  - configuration value, 14
- revealjs\_use\_index
  - configuration value, 14
- revealjs\_use\_section\_ids
  - configuration value, 15
- revealjs-break (*directive*), 18
  - :data-XXX: (*directive option*), 19
  - :notitle: (*directive option*), 19
- revealjs-code-block (*directive*), 19
  - :data-line-numbers: (*directive option*), 19
  - :data-ln-start-from: (*directive option*), 19
- revealjs-fragments (*directive*), 19
  - :custom-effect: (*directive option*), 20
- revealjs-literalinclude (*directive*), 19
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  - :data-XXX: (*directive option*), 18
- revealjs-slide (*directive*), 17
  - :conf: (*directive option*), 18
  - :google\_font: (*directive option*), 17
  - :theme: (*directive option*), 17