sphinx-revealjs Documentation

Release 3.0.0

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

CHAPTER

ONE

BASIC FEATURES

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

CHAPTER

TWO

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

CHAPTER

THREE

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.

CHAPTER

FOUR

CONTENTS

4.1 Setup

4.1.1 Requirements

`sphinx-revealjs` requires Python 3.7+ and Sphinx 4.0+.

Current development environment

- Python: `3.11.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 2.x to 3.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 2.x, you should upgrade project files.

Supported dependencies version

This explicits versions of some dependencies. If you are using old version libraries, must update environment.[1]

Runtime/Library	Requirement
Python	3.7 or newer
Sphinx core	4.0 or newer

Change bundled revealjs path

`sphinx-revealjs` is using Revealjs v5.x(new major version) at version 2.9.0.

If you use path of bundled revealjs directly in other place, you need to change path.

Before	After
`revealjs4`	`revealjs`

You can use `get_revealjs_path`.

Change writing structure

Todo: Ref to builder document

[1] This is defined as package metadata on `pyproject.toml`. If your environment does not meet requirements, you cannot install.

All slides are "vertical-slides" format

Does not generate `section` element for level-4 sections

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

Replace reveajs-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 = Ture
```

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-cesed directives. You must replace cases to run by 2.x.

Before	After
`revealjs_break`	`revealjs-break`
`revealjs_fragments`	`revealjs-fragments`
`revealjs_section`	`revealjs-section`
`revealjs_slide`	`revealjs-slide`

4.2.3 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`

4.3 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`).

`revealjs_html_theme`

Type
`str`

Default
`revealjs-basic`

Example
`revealjs-simple`

Using HTML Theme for output contents. It can set any html theme, but it should set theme made for revealjs.

Bundled themes are:

- `revealjs-basic` : Inherit style from basic html theme.
- `revealjs-simple` : Minimal defined style.

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": "revealjs/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 any `data-` attributes included options of section element for Reveal.js[1]. 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.

[1] Reveal.js plugins use `data-` attributes often to customize behavior.

```
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.

.. revealjs-vertical::

To change behavior of sections rendered vertical (called as vertical slides[2]).

:data-XXX:

It accepts attributes as same as *revealjs-section*. There are affected on all slides vertical from declared section.

Usage:

Write `revealjs-vertical` to point of want to split section (second level).

```
Title
=====

.. revaeljs-vertical::
   :data-background-color: #009900
```

4.4.3 For interactive contents

.. revealjs-code-block::

This is extends of `code-block` direcrive 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")
```

[2] Pleas see Reveal.js document to know about this.

: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` direcrive 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 direcrive only.

Note: You must be careful for comment block when you set *revealjs_notes_from_comments* in `conf.py`. Reveal.js recoginzes 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]_

.. [#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 addning 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. Valuese 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 (with and height). This 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 reccomend using sphinxext-opengraph to add ogp metatags (it is useful). I delegate behavior about opengraph, 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

Updated
v3.0.0

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

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

// ...


@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.utils import get_revealjs_path

```

(continues on next page)

(continued from previous page)

```
source = Path("_sass/custom.scss").read_text()
css = sass.compile(
    string=source,
    include_paths=[str(get_revealjs_path() / "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.utils import get_revealjs_path

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

sass_src_dir = "_sass"
sass_out_dir = "_static"
sass_targets = {"custom.scss": "custom.css"}
sass_include_paths = [
    get_revealjs_path() / "css" / "theme",
]
```

When document updated, it compile scss to css.

4.6.2 Customizing design simply

When using bundled theme, you can customze 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 = [
    "revealjs/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 Conttribute 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 3.0.0

Release date
2024-02-27

Reveal.js version
5.0.5 (updated)

Breaking changes

- Dropped old Python and Sphinx versions.
- Change path of bundled revealjs path.
- The builder outputs everything in the "vertical slide" format.
- Builder does not generate `section` element for level-4 sections.

Features

- Add new directive `revealjs-vertical`.
- Section directives accepts any `data-` attributes. (`revealjs-section`, `revealjs-break` and `revealjs-vertical`)
- Add wrapper function to get bundled revealjs path.
- Add new html-theme `revealjs-simple` that render minimum style reveal.js (Default theme is named `revealjs-basic`)

Fixes

- `revealjs-break` splits pages in vertical slides when it is added to top of section.

4.8.2 Old versions

Version 2.x

ver 2.9.3

date
2024-01-13 JST

base
Reveal.js 5.0.4 (updated)

(None updates for features)

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>`.

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.

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 compatiblity.

Miscellaneous

- Update translations.
- Add logging for deprecated.

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

ver 2.7.1

date
2023-09-29 JST

base
Reveal.js 4.6.1

Miscellaneous

- Lock Sphinx version for documentation

ver 2.7.0

date
2023-09-29 JST

base
Reveal.js 4.6.1 (updated)

(None updates for features)

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 compatiblity.

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

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

ver 2.4.1

date
2022-11-20

base
Reveal.js 4.4.0

(None updates for features)

Extra

- Fix badge of readme

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

Develoment 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.

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)

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`.

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

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

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`

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* <= *revealjs_slie*
  - *revealjs-section* <= *revealjs_section*
  - *revealjs-break* <= *revealjs_break*
  - *revealjs-fragments* <= *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 exits

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 (wraning level)
  - Add new features (include inner extensions)
  - Add supporing dependencies
  - Drop supporing 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 compononents 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. Wnen 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 depricated 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.

CHAPTER

FIVE

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

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SIX

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