vishap Documentation

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Generate embed (HTML) code of services like Youtube or Vimeo from URLs given. Rules are specified in the plugins.

Comes with plugins for the following services (listed in alphabetical order):

- Vimeo
- Youtube

CHAPTER 1

Installation

Install with latest stable version from PyPI:

```
$ pip install vishap
```

or install the latest stable version from bitbucket:

```
$ pip install -e hg+https://bitbucket.org/barseghyanartur/vishap@stable#egg=vishap
```

or install the latest stable version from github:

```
$ pip install -e git+http://github.org/barseghyanartur/vishap@stable#egg=vishap
```

That's all. See the *Usage and examples* section for more.

CHAPTER 2

Usage and examples

2.1 Simple usage

Required imports

```
from vishap import render_video
```

2.1.1 Rendering Vimeo code

The following code:

```
print render_video('http://vimeo.com/45655450', 500, 281)
```

Would result the following output:

```
<iframe src="//player.vimeo.com/video/45655450" width="500" height="281"
frameborder="0" webkitallowfullscreen mozallowfullscreen allowfullscreen>
</iframe>
```

2.1.2 Rendering Youtube code

The following code:

```
print render_video('http://www.youtube.com/watch?v=LIPl7PtGXNI', 560, 315)
```

Would result the following output:

```
<iframe width="560" height="315" src="//www.youtube.com/embed/LIPl7PtGXNI"
frameborder="0" allowfullscreen></iframe>
```

2.1.3 Filling available area

If you want your embed code to fill the available area, render it without `width` and `height` attributes and place it in a container to which it shall stretch.

Example:

```
s = """<div class="video-wrapper">
{embed_code}
</div>""".format(
    embed_code = render_video('http://www.youtube.com/watch?v=LIPl7PtGXNI')
)
```

It would then result the following output:

```
<iframe src="//www.youtube.com/embed/LIPl7PtGXNI"
frameborder="0" allowfullscreen></iframe>
```

Your CSS file should then look similar to the following

```
.video-wrapper {
    width: 600px;
    height: 500px;
    padding: 0;
}
    .video-wrapper iframe {
        position: absolute;
        width: 100%;
        height: 100%;
    }
```

2.1.4 Register a custom plugin

```
class ExamplePlugin(BaseVideoPlugin):
    uid = "example"
    name = "Example"
    url_pattern = "^(?P<prefix>(http\:\/\/www\.youtube\.com\/watch\?v=)|(http\:\/\/www\.youtube\.com
    id_pattern = "^(?P<value>[A-Za-z0-9\-=_]{11})"
    thumbnail_pattern = "//img.youtube.com/vi/{0}/{1}.jpg"
    embed_code = """
    <iframe src="//www.youtube.com/embed/{video_id}" {options} frameborder="0" allowfullscreen></ifra
    """

plugin_registry.register(ExamplePlugin)
```

2.1.5 Replacing existing plugin

If you want to replace/update existing plugin, you can force register it in the registry.

```
class UpdatedYoutubePlugin(BaseVideoPlugin):
    uid = "youtube"
    name = "Youtube"
    url_pattern = "^(?P<prefix>(http\:\/\/www\.youtube\.com\/watch\?v=)|(http\:\/\/www\.youtube\.com
    id_pattern = "^(?P<value>[A-Za-z0-9\-=_]{11})"
    thumbnail_pattern = "//img.youtube.com/vi/{0}/{1}.jpg"
    embed_code = """
    <iframe src="//www.youtube.com/embed/{video_id}" {options} frameborder="0" allowfullscreen></ifra
    """

plugin_registry.register(UpdatedYoutubePlugin, force=True)
```

CHAPTER 3

Django integration

3.1 Installation

Add *vishap.contrib.apps.django.vishap* to *INSTALLED_APPS*

```
INSTALLED_APPS = (
    # ...
    'vishap.contrib.apps.django.vishap',
    # ...
)
```

3.2 Usage

In your template:

Example #1:

```
{% load vishap_tags %}
{% render_video 'http://www.youtube.com/watch?v=LIPl7PtGXNI' 560 315 as rendered_video_example_1 %}
{{ rendered_video_example_1|safe }}
```

Example #2:

```
{% load vishap_tags %}
{% with video_url='http://vimeo.com/41055612' video_width='500' video_height='281' %}
{% render_video video_url video_width video_height as rendered_video_example_2 %}
{{ rendered_video_example_2|safe }}
{% endwith %}
```

CHAPTER 4

Missing a plugin?

Missing a plugin for your favourite service? Contribute to the project by making one and it will appear in a new version (which will be released very quickly) or request a feature.

CHAPTER 5

License

GPL 2.0/LGPL 2.1

CHAPTER 6

Support

For any issues contact me at the e-mail given in the *Author* section.

CHAPTER 7

Author

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