

# BUILDING STATIC WEBSITES WITH SCULPIN

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# OPDAVIES

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# WHAT IS SCULPIN?

- Static site generator
- CLI tool
- Built on Symfony's HttpKernel
- HTML + Markdown + Twig > static site

# WHAT DO I USE IT FOR?

- My personal website
- HTML prototypes and testing
- Learning YAML and Twig (and maybe some Symfony)

# INSTALLATION

```
$ curl -O https://download.sculpin.io/sculpin.phar  
$ chmod +x sculpin.phar  
$ mv sculpin.phar /usr/local/bin/sculpin
```

Or use the [Sculpin Ansible role](#). :)

# USING SCULPIN

- Configuration lives in `app/config`
- Source code lives in `source`

# GENERATE A SITE

```
$ sculpin generate builds the things
```

- `--server`
- `--watch`
- `--env`

# SOURCE/INDEX.MD

```
---
```

```
layout: default
```

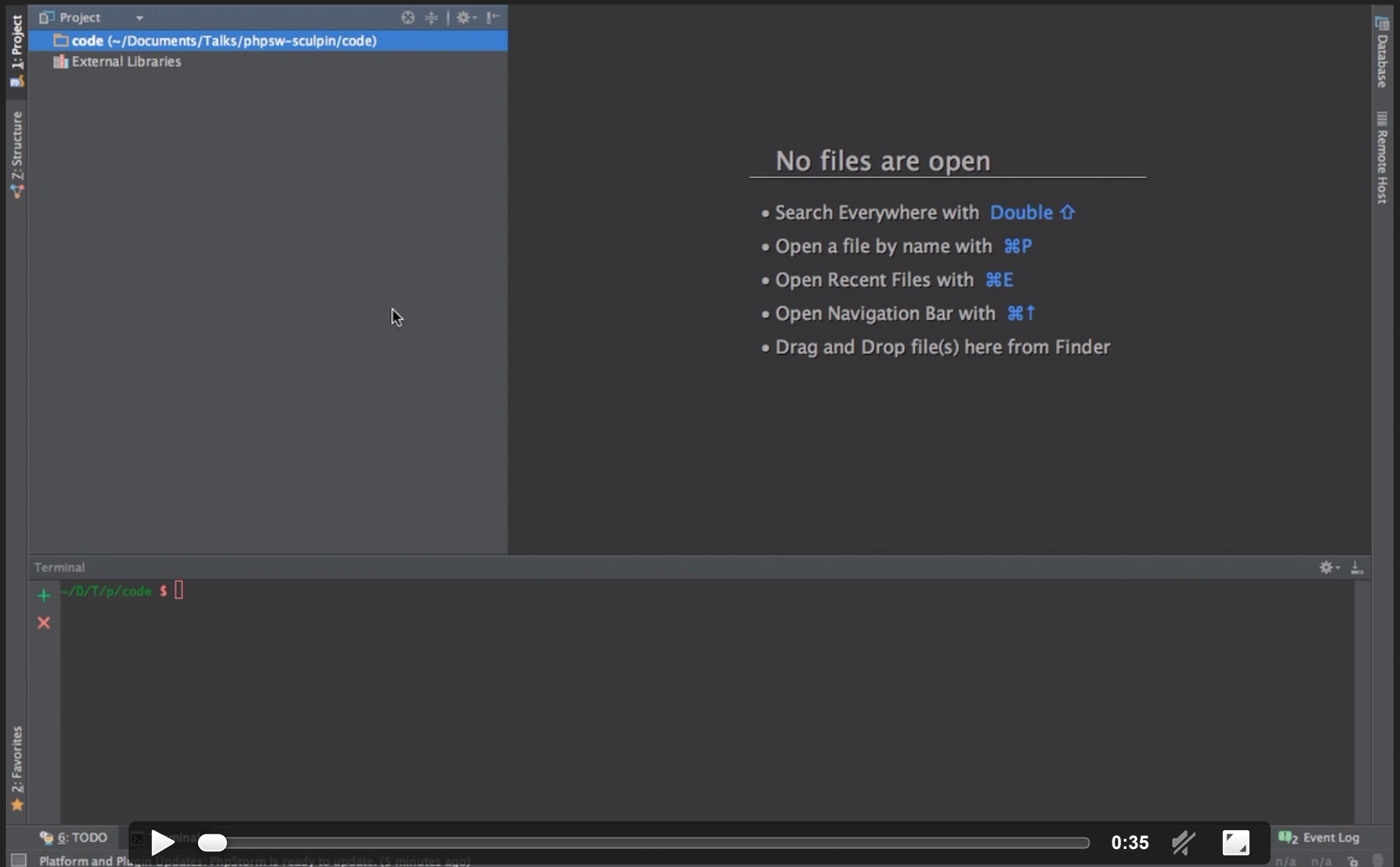
```
title: Hello!
```

```
---
```

```
Hi, [PHPSW](https://phpsw.uk)!
```



# SUPER SIMPLE SCULPIN SITE



The screenshot shows an IDE interface with a project structure on the left and a list of keyboard shortcuts in the center. The project structure includes a folder named 'code' and 'External Libraries'. The shortcuts listed are:

- Search Everywhere with **Double** ⬆
- Open a file by name with **⌘P**
- Open Recent Files with **⌘E**
- Open Navigation Bar with **⌘↑**
- Drag and Drop file(s) here from Finder

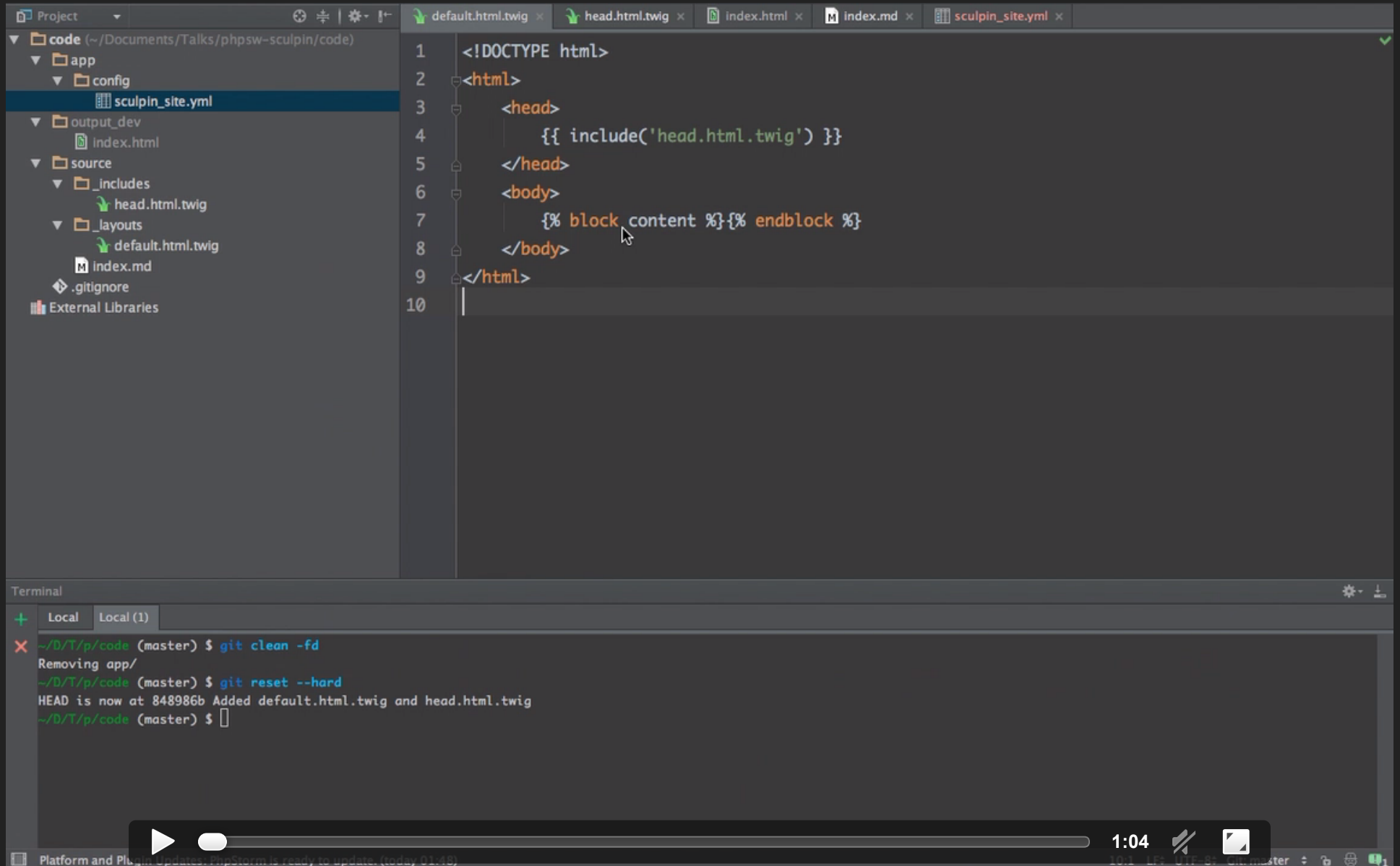
The terminal at the bottom shows the current directory as `--/D/T/p/code` with a shell prompt `$` and a cursor. The status bar at the bottom indicates '6: TODO' and 'Platform and Plugin Updates: PhpStorm is ready to update. (5 minutes ago)'. The video player controls at the bottom show a play button, a progress bar, and a timestamp of 0:35.

# CONFIGURATION

- Stored in `app/config`
  - `sculpin_site.yml`
  - `sculpin_site_ENV.yml`
- Key-value pairs

```
---  
title: My PHPSW talk  
foo: bar  
main_menu_links:  
  - { title: About, href: / }  
  - { title: Talks, href: /talks/ }
```

# SIMPLE SETTINGS



The image shows a screenshot of an IDE with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like 'code', 'app', 'config', 'output\_dev', 'source', and 'layouts'. The code editor displays the content of 'default.html.twig'.

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     {{ include('head.html.twig') }}
5   </head>
6   <body>
7     {% block content %}{% endblock %}
8   </body>
9 </html>
10
```

The terminal window at the bottom shows the following commands and output:

```
Local Local (1)
~/D/T/p/code (master) $ git clean -fd
Removing app/
~/D/T/p/code (master) $ git reset --hard
HEAD is now at 848986b Added default.html.twig and head.html.twig
~/D/T/p/code (master) $
```

At the bottom of the IDE, there is a status bar with the text "Platform and Plugin Updates: PhpStorm is ready to update. (today 01:48)" and a system tray showing the time "1:04" and other icons.

# ENVIRONMENT SETTINGS

The screenshot displays a code editor interface with a project structure on the left and a code editor on the right. The project structure includes a `code` directory with subdirectories `app`, `output_dev`, and `source`. The `app` directory contains a `config` subdirectory with a `sculpin_site.yml` file. The `source` directory contains `_includes`, `_layouts`, and `default.html.twig`. The `default.html.twig` file is open in the editor, showing the following code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     {{ include('head.html.twig') }}
5   </head>
6   <body>
7     {% block content %}{% endblock %}
8   </body>
9 </html>
10
```

The terminal at the bottom shows the current directory as `~/D/T/p/code (master)` and the prompt `$`. A video player interface is visible at the bottom of the image, indicating the video is 1:18 long.

# YAML FRONT MATTER

```
---  
layout: post  
title: New Blog Post  
draft: yes  
---  
  
# My New Blog Post
```

# MORE FRONT MATTER

```
---  
layout: post  
title: New Blog Post  
draft: yes  
tags:  
  - drupal  
  - sculpin  
  - phpsw  
---  
  
# My New Blog Post
```

# EVEN MORE FRONT MATTER

```
---  
layout: post  
title: New Blog Post  
draft: yes  
tags:  
  - drupal  
  - sculpin  
  - phpsw  
tweets: yes  
foo: bar  
---
```

```
# My New Blog Post
```

# USING ON PAGES

```
---  
...  
testimonials:  
  - { name: ..., role: ..., text: ..., url: ... }  
  - { name: ..., role: ..., text: ..., url: ... }  
  - { name: ..., role: ..., text: ..., url: ... }  
---  
  
{% for testimonial in page.testimonials %}  
  <h2> {{ testimonial.name }} - {{ testimonial.role }} </h2>  
  <p> {{ testimonial.text }} </p>  
{% endfor %}
```



# CONTENT TYPES

Sculpin does custom content types!

```
# app/config/sculpin_kernel.yml

sculpin_content_types:
  projects:
    permalink: projects/:slug_title/
```

# ACCESSING CUSTOM CONTENT TYPES

```
---  
title: My Projects  
layout: default  
use:  
  - projects  
---  
{% for project in data.projects %}  
  <h2> {{ project.title }} </h2>  
{% endfor %}
```

# EXTENDING SCULPIN

- Custom (Symfony) bundles
- Twig extensions
- Other Symfony components or PHP libraries

*Integrating @getsculpin and some  
@symfony components for new  
@supportyard website is very powerful and  
productive. Should blog about it!*

*— Pera Jovic (@\_korso\_) October 8, 2015*

# RESOURCES

<http://bit.ly/sculpin-twig-resources>

**QUESTIONS?**

# FEEDBACK

<https://joind.in/talk/view/15486>