

Brilo

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MARKETING

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24.2.2018 | WordCamp Praha 2018 @ VŠE

WordPress Frameworky

přednášet vám bude
Martin Hlaváč



Dotazník

**Kdo jste WordPress
vývojáři (šablon)?**

Hestia Theme - function.php

```
1 <?php
2 /** Hestia functions and definitions ...*/
26 if ( ! defined( 'ELEMENTOR_PARTNER_ID' ) ) {
27     define( 'ELEMENTOR_PARTNER_ID', 2112 );
28 }
29 define( 'HESTIA_VERSION', '1.1.62' );
30 define( 'HESTIA_VENDOR_VERSION', '1.0.1' );
31 define( 'HESTIA_PHP_INCLUDE', trailingslashit( get_template_directory() ) . 'inc/' );
32 $vendor_file = trailingslashit( get_template_directory() ) . 'vendor/autoload.php';
33 if ( is_readable( $vendor_file ) ) {
34     require_once $vendor_file;
35 }
36 add_filter(
37     'themeisle_sdk_products', function ( $products ) {
38         $products[] = get_template_directory() . '/style.css';
39         return $products;
40     }
41 );
42 require_once( HESTIA_PHP_INCLUDE . 'template-tags.php' );
43 require_once( HESTIA_PHP_INCLUDE . 'hooks.php' );
44 require_once( HESTIA_PHP_INCLUDE . 'wp-bootstrap-navwalker/class-hestia-bootstrap-navwalker.php' );
45 require_once( HESTIA_PHP_INCLUDE . 'customizer.php' );
46 require_once( HESTIA_PHP_INCLUDE . 'page-builder-extras.php' );
47 require_once( get_template_directory() . '/demo-preview-images/init-prevdem.php' );
48 if ( hestia_woocommerce_check() ) {
49     require_once( HESTIA_PHP_INCLUDE . 'woocommerce/functions.php' );
50     require_once( HESTIA_PHP_INCLUDE . 'woocommerce/hooks.php' );
51 }
52 // Auto-loader for classes under Hestia namespace.
53 require_once( get_template_directory() . '/assets/autoloader/class-hestia-autoloader.php' );
54 // Individual layout feature
55 $individual_layout_path = HESTIA_PHP_INCLUDE . 'features/feature-individual-layout.php';
56 if ( file_exists( $individual_layout_path ) ) {
57     require_once( $individual_layout_path );
58 }
```

All in function.php hell



Dotazník

**Kdo používáte nějaký
(WordPress) framework?**

Polemika

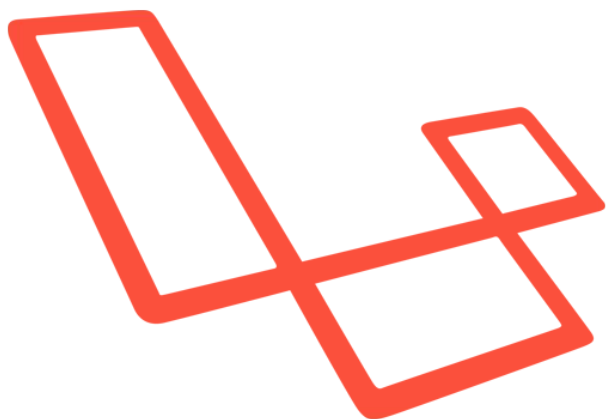
**Ehm, co je to
vlastně framework?**

Definice

“Framework (aplikační rámec) je softwarová struktura, která slouží jako podpora při programování a vývoji a organizaci jiných softwarových projektů. Může obsahovat podpůrné programy, knihovny API, podporu pro návrhové vzory nebo doporučené postupy při vývoji.”

Zdroj: <https://cs.wikipedia.org/wiki/Framework>

PHP frameworky



nette

PHP frameworky



Expand All

Prologue >

Getting Started >

Architecture Concepts >

The Basics >

Frontend >

Security >

Digging Deeper >

Database >

Eloquent ORM >

Testing >

Official Packages >

Installation

Installation

- # Server Requirements
- # Installing Laravel
- # Configuration

Web Server Configuration

- # Pretty URLs

Installation



Are you a visual learner? Laracasts provides a [free, thorough introduction to Laravel](#) for newcomers to the framework. It's a great place to start your journey.

Server Requirements

The Laravel framework has a few system requirements. Of course, all of these requirements are satisfied by the [Laravel Homestead](#) virtual machine, so it's highly recommended that you use Homestead as your local Laravel development environment.

However, if you are not using Homestead, you will need to make sure your server meets the following requirements:

Přání

Composer



wp-cli

Include WP

Fork me on GitHub Share

About Add framework

> Include WP

Top Open-Source Frameworks for WordPress Plugin & Theme Developers

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PLUGIN THEME





SORTED BY STARS

Item	Stars	Plugins	Themes
Sage WordPress starter theme with a modern front-end development workflow.	8,802	2,735	15
Underscores Lean starter theme.	7,892	2,570	44
Boilerplate PRESS PLUGIN BOILERPLATE A standardized, object-oriented foundation for building plugins.	4,532	1,209	56

Přehled frameworků

#	Název	URL
1	ACF	https://www.advancedcustomfields.com
2	Assely	https://assely.org
3	Corcel	https://github.com/corcel/corcel
4	Roots.io	https://roots.io/
5	Themosis	https://framework.themosis.com
6	Timber	https://www.upstatement.com/timber/
7	Typerocket	https://typerocket.com
8	WordPlate	https://wordplate.github.io
9	WP Framework	http://www.wpframework.cz
10	WP MVC	https://github.com/tombenner/wp-mvc

GitHub “statistika”

Název				☆	
ACF	25 (914)	13 (30)	2 (35)	53 (1349)	7 (323)
Assely	67	0	2	34	7
Corcel	799	52	35	1651	250
Roots Bedrock	363	54	50	3819	783
Themosis	88	25	5	733	91
Timber	3443	104	138	3647	347
Typerocket	738	28	3	106	13
WordPlate	924	56	15	724	55
WP Framework	572	16	4	13	2
WP MVC	375	0	29	495	155




















GitHub “statistika”

#	Název	Σ
4	ACF	2651 (100)
10	Assely	110
3	Corcel	2787
2	Roots Bedrock	5069
7	Themosis	942
1	Timber	7679
8	Typerocket	888
5	WordPlate	1774
9	WP Framework	607
6	WP MVC	1054


GitHub “statistika”

#	Název	Σ
1	Timber	7679
2	Roots Bedrock	5069
3	Corcel	2787
4	ACF	2651 (100)
5	WordPlate	1774
6	WP MVC	1054
7	Themosis	942
8	Typerocket	888
9	WP Framework	607
10	Assely	110

Cool faktor na první pohled

#	Název	
3	ACF	
7	Assely	  
2	Corcel	 
3	Roots Bedrock	
7	Themosis	  
3	Timber	
2	Typerocket	 
2	WordPlate	 
2	WP Framework	 
3	WP MVC	

Poslední aktualizace

#	Název	
7	ACF	Únor 2018
4	Assely	Červenec 2017
7	Corcel	Únor 2018
7	Roots Bedrock	Únor 2018
7	Themosis	Únor 2018
7	Timber	Únor 2018
3	Typerocket	Prosinec 2017
7	WordPlate	Únor 2018
2	WP Framework	Leden 2018
2	WP MVC	Leden 2018

Vlastnosti

Název	Composer	FE	BE	Typ
ACF	☐	☐	✓	Plugin
Assely	✓	✓	✓	Stack
Corcel	✓	✓	✗	Extension
Roots Bedrock	✓	✗	✗	Structure
Themosis	✓	✓	✓	Stack
Timber	☐	✓	☐	Plugin
Typerocket	✓	✓	✓	Stack
WordPlate	✓	✓	✓	Stack
WP Framework	☐	✓	✓	Stack
WP MVC	☐	✓	✓	Plugin

Otázka

**Jak určit,
který je nejlepší?**

Otázka

Subjektivně 

Řešení(?)

**Na základě zkušeností
porovnání vůči
WP Frameworku...**

WP Framework

Pro

- Napsali jsme si ho...
- ...jako Baťa cvičky
- Plně odpovídá našemu workflow

WP Framework

Proti

- Kromě vlastní práce i vývoj a podpora
- Neumí (plně) composer
- Neodpovídá PSR standardům

Roots.io

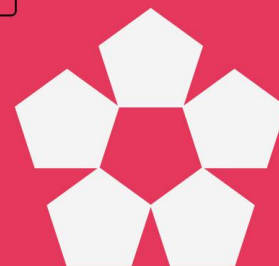


Trellis

wp-password-bcrypt



 **Bedrock**



Sage

Corcel

Corcel

Use WordPress backend with Laravel or any PHP application



WORDPRESS



ACF + Timber

SINGLE.PHP

```
$context = Timber::get_context();
$context['foo'] = 'Bar!';
$context['post'] = new Timber\Post();
Timber::render('single.twig', $context);
```

SINGLE.TWIG

```
{% extends "base.twig" %}
{% block content %}
  <h1 class="big-title">{{foo}}</h1>
  <h2>{{post.title}}</h2>
  
  <div class="body"> {{post.content}} </div>
{% endblock %}
```

My Fields

Text <input type="text" value="Text here!"/>	Number <input type="text" value="10"/> of 10	Email <input type="text" value="name@website.com"/>	Url <input type="text" value="https://website.com"/>
Image No image selected <input type="button" value="Add Image"/>	File No file selected <input type="button" value="Add File"/>	Select <input type="text" value="Choice 1"/>	Date <input type="text" value="01/04/2017"/>
Wysiwyg <input type="button" value="Add Media"/> <div> Visual Text </div> <div> Paragraph B <i>I</i> </div>		Gallery 	

Přehled frameworků 2.0

Název	Composer	FE	BE	Typ
ACF	☐	☐	✓	Plugin
Assely	✓	✓	✓	Stack (Plugin)
Corcel	✓	✓	✗	Extension
Roots Bedrock	✓	✗	✗	Structure
Themosis	✓	✓	✓	Stack
Timber	✓	✓	☐	Plugin
Typerocket	✓	✓	✓	Stack
WordPlate	✓	✓	✓	Stack
WP Framework	☐	✓	✓	Stack
WP MVC	☐	✓	✓	Plugin

Rychlé porovnání pro ukázkou

**Jak definovat vlastní
post type a meta box?**

Definice - WordPress

```
1 <?php
2
3 // --- functions.php -----
4
5 add_action("add_meta_boxes", "register_meta_boxes");
6
7 function register_meta_boxes()
8 {
9     add_meta_box("id", __("Reference", "DOMAIN"), "display_reference_meta_box", "reference");
10 }
11
12 function display_reference_meta_box($post)
13 {
14     // @todo: display
15 }
16
17 add_action("save_post", "save_reference_meta_box");
18
19 function save_reference_meta_box($postId)
20 {
21     $post = get_post($postId);
22     if (!empty($post) && $post->post_type === "reference") {
23         // @todo: save
24     }
25 }
```

Definice - WP Framework

```
1 <?php
2
3 class KT_ZZZ_Reference_Config
4 {
5     // ...
6
7     public static function getParamsFieldset()
8     {
9         $fieldset = new KT_Form_Fieldset( name: self::PARAMS_FIELDSET, __("Parametry", "ZZZ_DOMAIN"));
10        $fieldset->setPostPrefix( postPrefix: self::PARAMS_FIELDSET);
11
12        $fieldset->addText( name: self::PARAMS_DATE, __("Datum:", "ZZZ_DOMAIN"));
13        $fieldset->addText( name: self::PARAMS_CLIENT, __("Klient:", "ZZZ_DOMAIN"));
14        $fieldset->addCheckbox( name: self::PARAMS_TYPES, __("Typy:", "ZZZ_DOMAIN"))
15            ->setOptionsData( []);
16
17        return $fieldset;
18    }
19 }
20
21 KT_MetaBox::createMultiple(
22     KT_ZZZ_Reference_Config::getAllGenericFieldsets(),
23     screen: KT_ZZZ_REFERENCE_KEY,
24     dataType: KT_MetaBox_Data_Type_Enum::POST_META
25 );
```

Definice - Typerocket

```
1  <?php
2
3  $reference = tr_post_type(__("Reference", "TR_DOMAIN"));
4
5  // ...
6
7  $metaBox = tr_meta_box(__("Reference", "TR_DOMAIN"));
8  $metaBox->addPostType($reference->getId());
9  $metaBox->addScreen( screen: "post");
10
11 function add_meta_content_reference() {
12     $form = tr_form();
13     echo $form->date(__("Datum", "TR_DOMAIN"));
14     echo $form->text(__("Klient", "TR_DOMAIN"));
15     echo $form->select(__("Typy", "TR_DOMAIN"))
16         ->setOptions([]);
17 }
```

Definice - Themosis

```
1 <?php
2
3 $references = PostType::make("references", __("Reference", THEME_TEXTDOMAIN))->set([
4     "public" => true,
5     "supports" => ["title", "excerpt", "editor", "thumbnail", "page-attributes"],
6 ]);
7
8 $metabox = Metabox::make("A title", $references->get("name"))->set([
9     Field::date("date"),
10    Field::text("client"),
11    Field::select("types", [
12        [
13            0 => "---",
14            1 => __("Webdesign", THEME_TEXTDOMAIN),
15            2 => __("Analýza", THEME_TEXTDOMAIN),
16            3 => __("Programování", THEME_TEXTDOMAIN),
17        ]
18    ]),
19 ]);
20
```


Definice - Assely

```
1 <?php
2
3 class ReferenceParameters extends Metabox
4 {
5     public $slug = "reference-parameters";
6
7     public function relation()
8     {
9         return $this->belongsTo(["App\Posttypes\References"]);
10    }
11
12    public function arguments()
13    {
14        return [
15            "title" => [__( "Parametry", "AS_DOMAIN" )],
16            "description" => [__( "Parametry pro reference", "AS_DOMAIN" )]
17        ];
18    }
19
20    public function fields()
21    {
22        return [
23            Field::datepicker("date"),
24            Field::text("client"),
25            Field::checkboxes("types", [
26                "title" => [__( "Typy", "AS_DOMAIN" )],
27                "items" => []
28            ]),
29        ];
30    }
31 }
```

Demo #0



WordPress framework pro vývojáře šablon

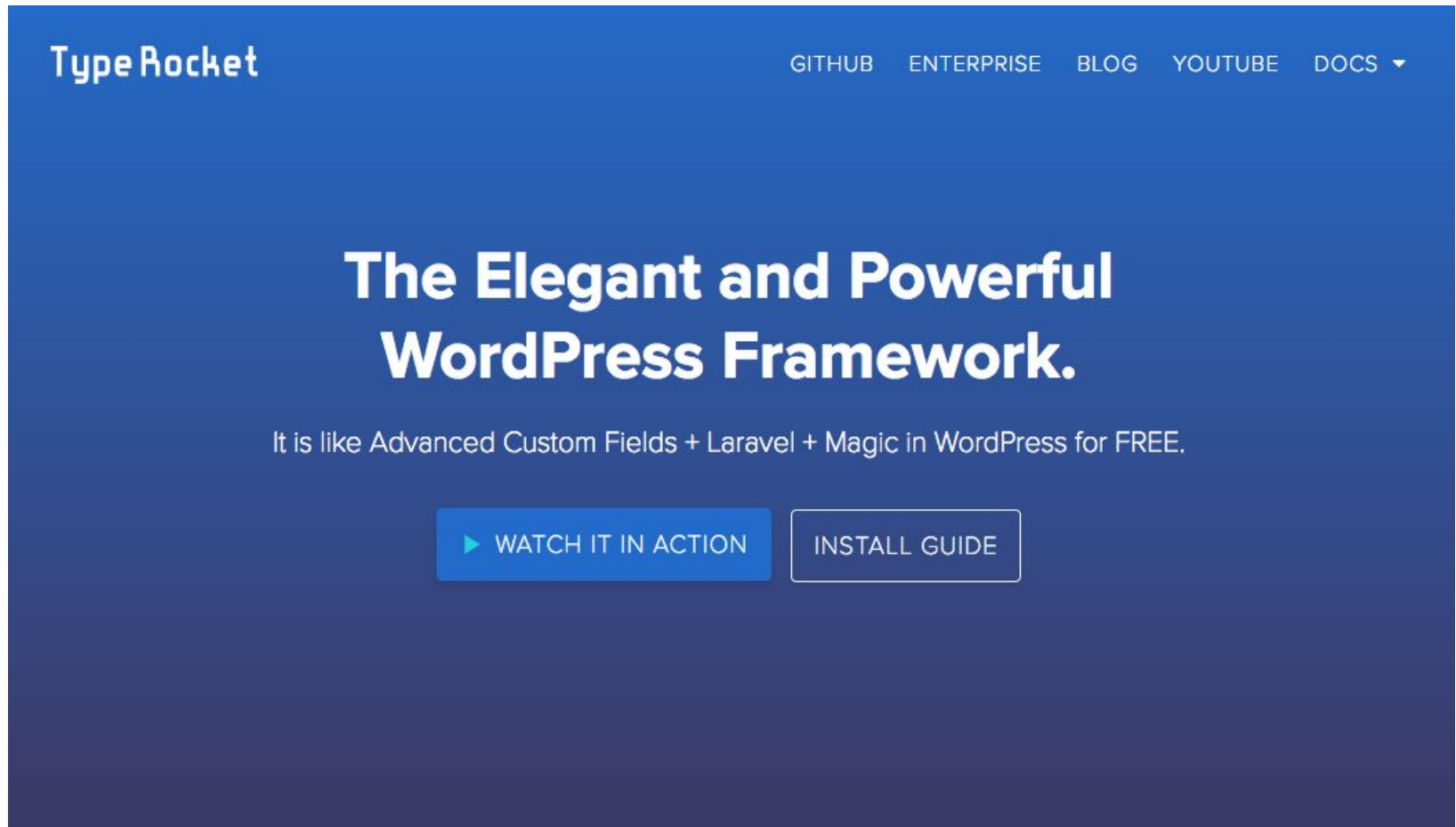
Vytvářejte WP šablony rychle, snadno, efektivně a přehledně!

ZAČNĚTE NYNÍ!

```
× routes.php × applications ...  
1 $fieldset = new KT_Form_Fieldset( self::MEMORY_FIELDSET, __( "Paměť", KT_DOMAIN ) );  
2 $fieldset->setPref(angry) self::MEMORY_FIELDSET ;  
3  
4 $fieldset->addText( self::MEMORY_RAM, __( "RAM", KT_DOMAIN ) )  
5     ->setUnit( "GB" )  
6     ->setTooltip( __( "Zadávejte jako celé nebo desetiné číslo - jednotky GB", KT_DOMAIN ) );  
7  
8 $fieldset->addText( self::MEMORY_INNER_RAM, __( "Vnitřní paměť", KT_DOMAIN ) )  
9     ->setUnit( "GB" )  
10    ->setTooltip( __( "Zadávejte jako celé nebo desetiné číslo - jednotky GB", KT_DOMAIN ) );  
11
```



Demo #1

The image shows a screenshot of the Type Rocket website. The page has a dark blue header with the 'Type Rocket' logo on the left and navigation links for 'GITHUB', 'ENTERPRISE', 'BLOG', 'YOUTUBE', and 'DOCS' on the right. The main content area is a gradient of blue and features the headline 'The Elegant and Powerful WordPress Framework.' in large white text. Below the headline is a sub-headline: 'It is like Advanced Custom Fields + Laravel + Magic in WordPress for FREE.' At the bottom of the main content area are two buttons: a blue button with a play icon and the text 'WATCH IT IN ACTION', and a white button with a thin blue border and the text 'INSTALL GUIDE'.

Type Rocket

GITHUB ENTERPRISE BLOG YOUTUBE DOCS ▾

The Elegant and Powerful WordPress Framework.


It is like Advanced Custom Fields + Laravel + Magic in WordPress for FREE.

▶ WATCH IT IN ACTION

INSTALL GUIDE


Demo #2

Stay in the loop. Receive our newsletter and stay informed of next releases and more. [Sign up](#) →

 [Get started](#) [Documentation](#) [Github](#) [Twitter](#) [Studio](#)

A WordPress framework

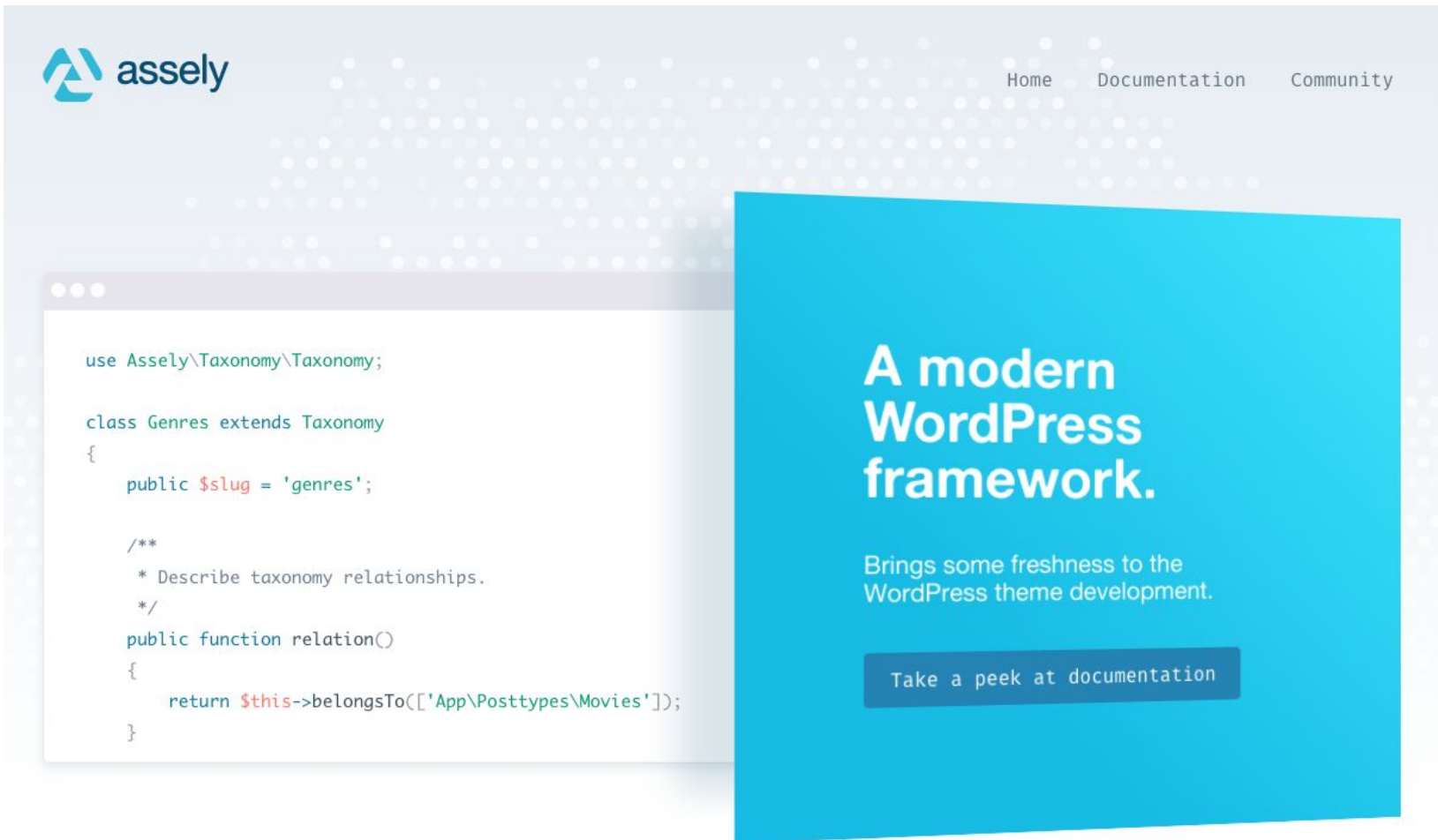
Build enterprises solutions with WordPress.

 **Start now !**

Follow the installation guide and create your first WordPress project using the Themosis framework.

[Get started](#) [View features](#)

Demo #3



The image shows a screenshot of the Assely website. In the top left corner, there is the Assely logo and the name 'assely'. In the top right corner, there are navigation links for 'Home', 'Documentation', and 'Community'. The main content area features a code editor window on the left displaying PHP code for a 'Genres' class that extends 'Taxonomy'. The code includes a public property '\$slug' set to 'genres', a comment describing taxonomy relationships, and a 'relation()' method that returns the result of '\$this->belongsToMany()' for 'App\Posttypes\Movies'. To the right of the code editor is a large blue banner with the text 'A modern WordPress framework.' and 'Brings some freshness to the WordPress theme development.' Below this text is a dark blue button with the text 'Take a peek at documentation'.

assely

Home Documentation Community

```
use Assely\Taxonomy\Taxonomy;

class Genres extends Taxonomy
{
    public $slug = 'genres';

    /**
     * Describe taxonomy relationships.
     */
    public function relation()
    {
        return $this->belongsToMany(['App\Posttypes\Movies']);
    }
}
```

A modern WordPress framework.

Brings some freshness to the
WordPress theme development.

Take a peek at documentation

Download



github.com/hlavacm/wordcamp-praha-2018

Shrnutí

- **Tyrocket**
 - **English first, šablony? :-)**
- **Themosis**
 - **Pouze composer, LaraWP :-)**
- **Assely**
 - **Poslední aktualizace, plugin :-)**

Závěr (doporučení)

- **Z programátorského hlediska:**
 - **Assely, Themosis**
- **Přes šablony (prakticky):**
 - **WP Framework, Typerocket**
- **Přes pluginy:**
 - **ACF + Timber**
- **WordPress (jen) jako backend:**
 - **Laravel + Corcel**

Objev(?)

~~Jeden~~  vládne všem,
~~jeden~~ jim všem káže...

=>

Laravel vládne všem,
Laravel jim všem káže...

Problém(?)

**Většinou je to víceméně
one man show...**

Otázka

A který je váš
favorit? 🏁

Brilo

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MARKETING

Děkujeme za pozornost

Čas na vaše dotazy ?



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