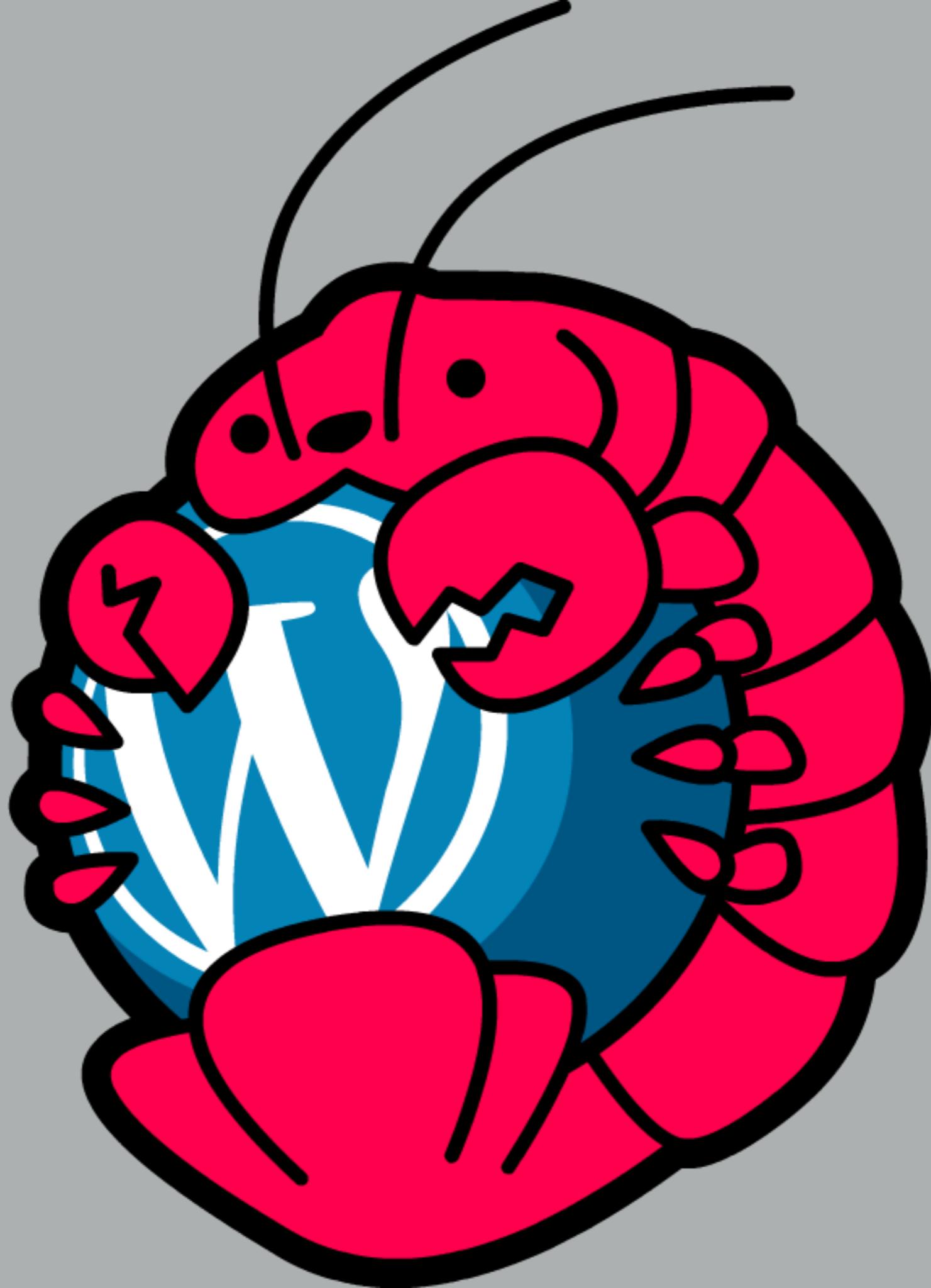


Building Apps  
with the  
WordPress  
API



# Thank you!



Alison

Tara

Richard

...and all the volunteers!

# About me

- Gavin Anderegg
- Lead Developer at NATIONAL Public Relations
- Using WordPress on and off since 2006

## Dashboard

### Welcome to WordPress

Use these links to get started:

- [Write a post](#)
- [Update your profile or change your password](#)
- [Add a link to your blogroll](#)
- [Change your site's look or theme](#)

Below is the latest news from the official WordPress development blog, click on a title to read the full entry. If you need help with WordPress please see our [great documentation](#) or if that doesn't help visit the [support forums](#).

### WordPress Development Blog

#### [WordPress 3.8 Beta 1 — 1 day ago](#)

The first beta of the 3.8 is now available, and the next dates to watch out for are code freeze on December 5th and a final release on December 12th. 3.8 brings together several of the features as plugins projects and while this isn't our first rodeo, expect this to be more beta than usual. [...]

#### [WordPress 3.7.1 Maintenance Release — 24 days ago](#)

WordPress 3.7.1 is now available! This maintenance release addresses 11 bugs in WordPress 3.7, including: Images with captions no longer appear broken in the visual editor. Allow some sites running on old or poorly configured servers to continue to check for updates from WordPress.org. Avoid fatal errors with certain plugins that were incorrectly calling some [...]

#### [WordPress 3.7 "Basie" — 29 days ago](#)

Version 3.7 of WordPress, named "Basie" in honor of Count Basie, is available for download or update in your WordPress dashboard. This release features some of the most important architectural updates we've made to date. Here are the big ones: Updates while you sleep: With WordPress 3.7, you don't have to lift a finger to [...]

### Other WordPress News [more »](#)

[Matt: Fighting Spurious DMCA](#)

[WPTavern: China Blocks Gravatar and WordPress.com: How to Adjust WordPress Settings](#)

[Matt: Peter Beste and Houston Rap Scene](#)

[WPTavern: Barry Abrahamson CTO of WordPress.com Interviewed By Frantic](#)

[WPTavern: Busted: A WordPress Plugin to Force Cache Busting](#)

## Latest Activity

### Incoming Links [More »](#)

- [Middle Earth Meets Google Earth: Cool Chrome Experiment](#)
- [Anatomy of a Twitter Suspension](#)
- [When History Meets Instagram: Discover Histograms](#)
- [4 Key Takeaways, 50 Sweet Rides & Hordes Of Zombies at #IMF2013](#)
- [Technorati #Mobile Chat: Level Money The Simplest Way to Stick to Your Budget](#)
- [Ann Handley of MarketingProfs Discusses How to Create Killer Content](#)
- [Adding a Picture Worth a Thousand Retweets?](#)
- [Google Now Just Got a Siri-ous Update](#)
- [Ladies, Want to Share Some Movember Love? Become a Mo Sista.](#)
- [OpenTickets offers open-source ticketing to fight Ticketmaster frustrations](#)

### Comments [»](#)

- [Mr WordPress on Hello world!](#) ([Edit](#))

### Posts [»](#)

- [Hello world!](#)

### Blog Stats

There are currently 1 [posts](#) and 1 [comments](#), contained within 1 [categories](#).

## Write Post

Title

Post

**B** *I* ABC | | | HTML

### Path:

[Save and Continue Editing](#)

Save

Publish

Upload

**File:**  Parcourir...

**Title:**

**Description:** [REDACTED]

Discussion

Password-Protect Post +

Post slug +

## Categories +

### Post Status

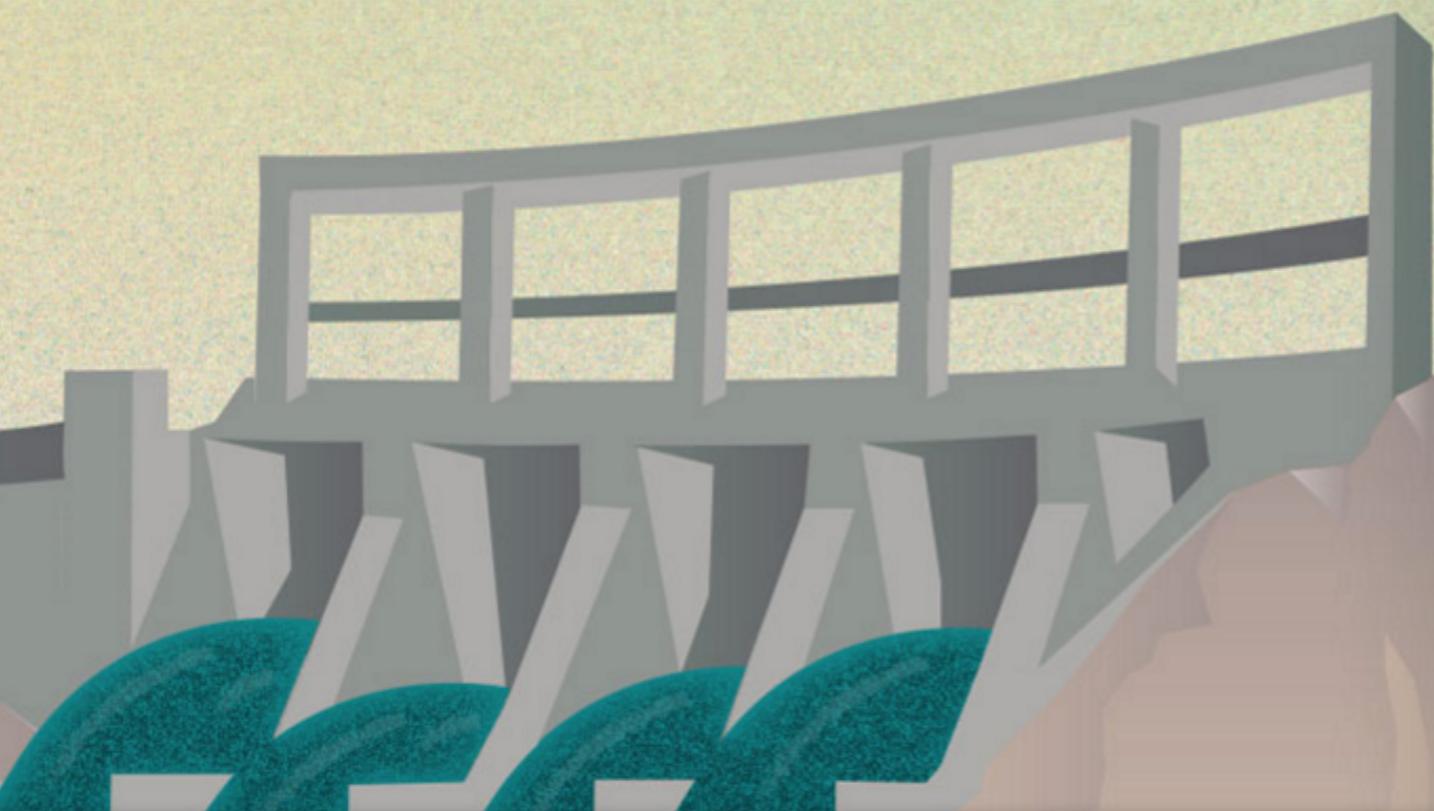
Post Timestamp: +

Post author: +



# REST API!

# WE HAVE A BIG DECISION TO MAKE.



## NEXT OPEN HOUSE

October 15, 3 p.m. – 8 p.m. Nackawic Lions Club Community Centre  
134 Otis Drive, Nackawic

[Find out more](#)

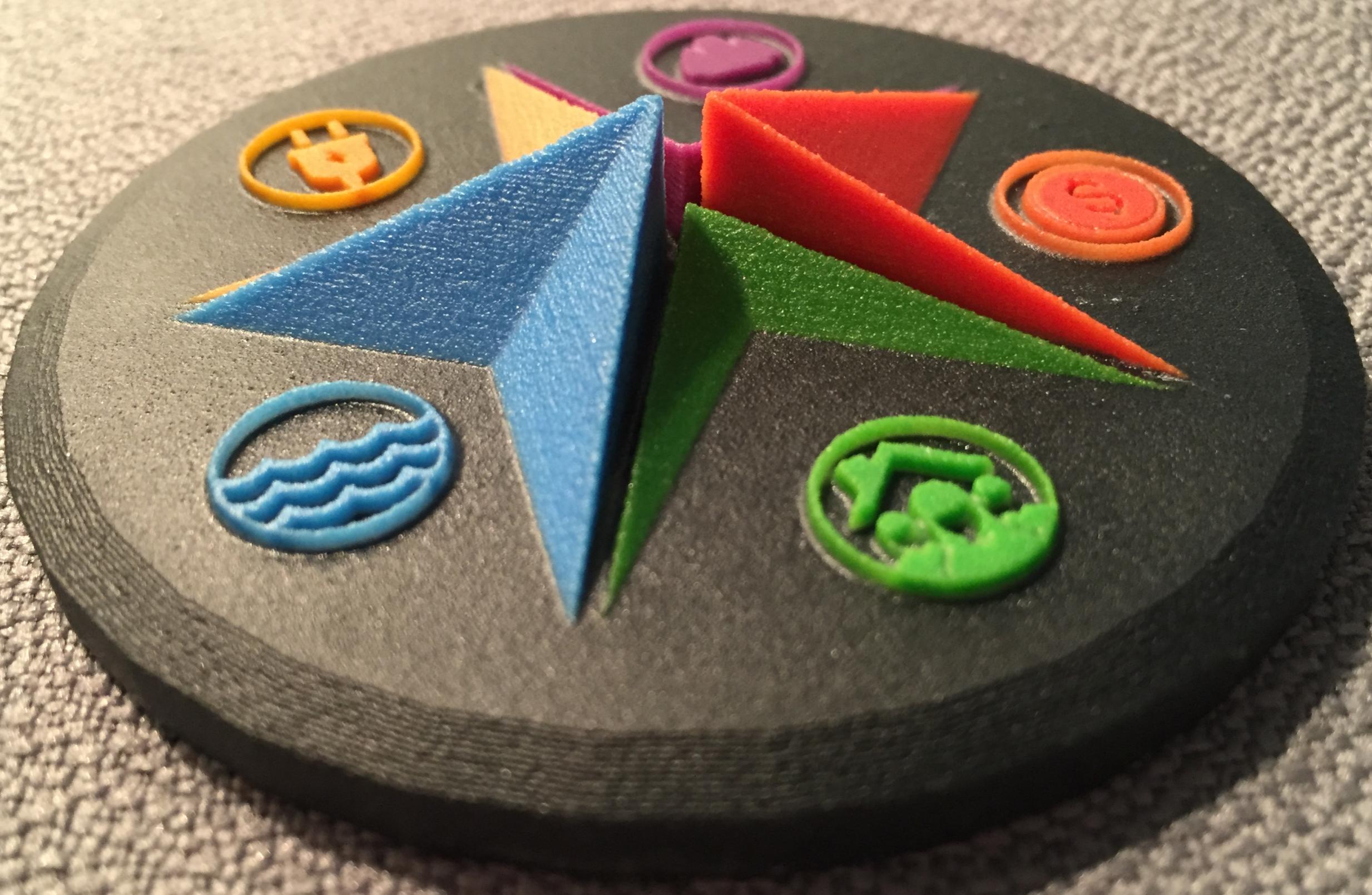
The Mactaquac Generating Station is a huge part of New Brunswick. By 2030, it's expected to reach the end of its life.

So we need to decide what to do about it today.

There are lots of experts, scientists, researchers and engineers working out how we could tackle Mactaquac. But before we make a decision that

READY TO

*Get*   
STARTED

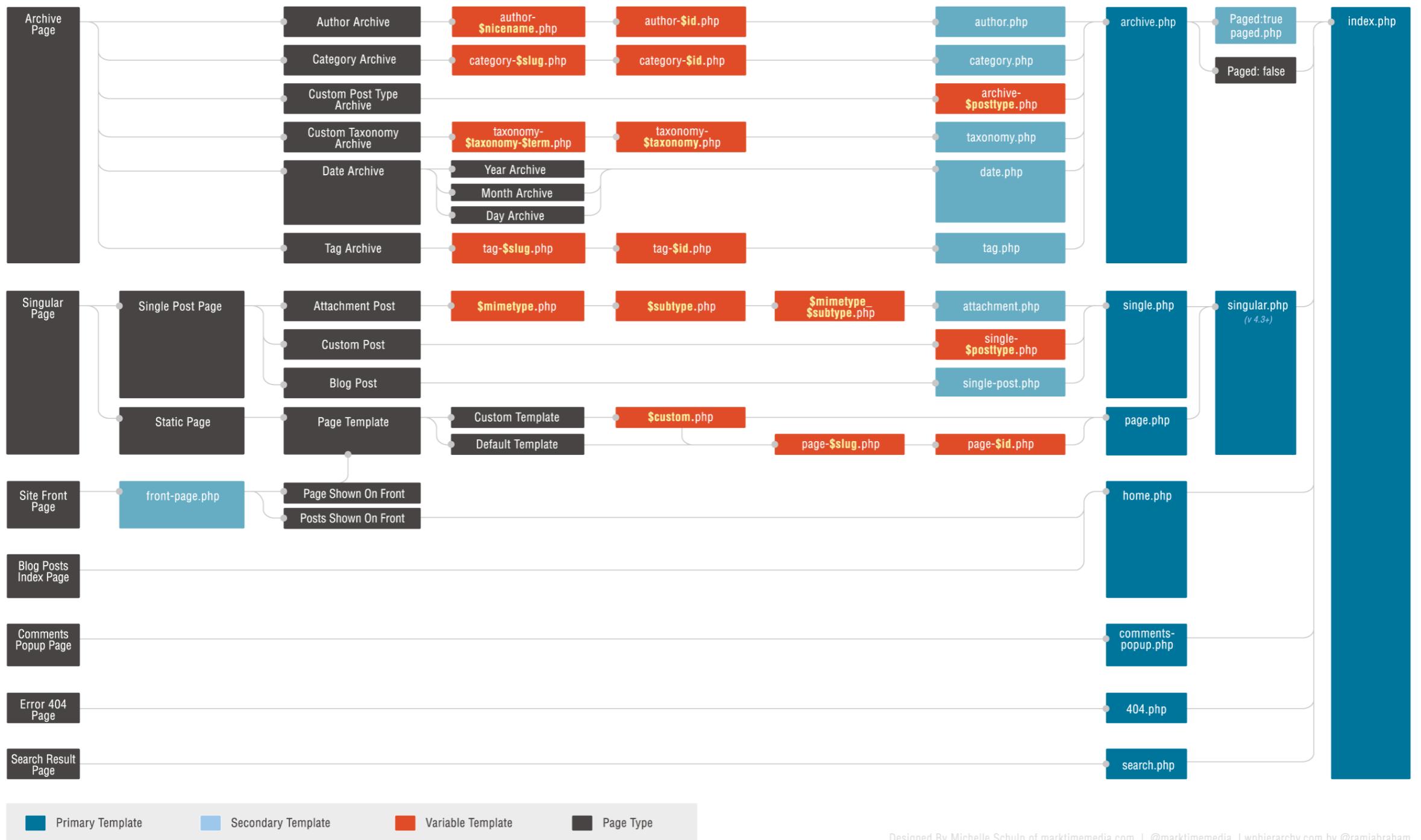


Warning:

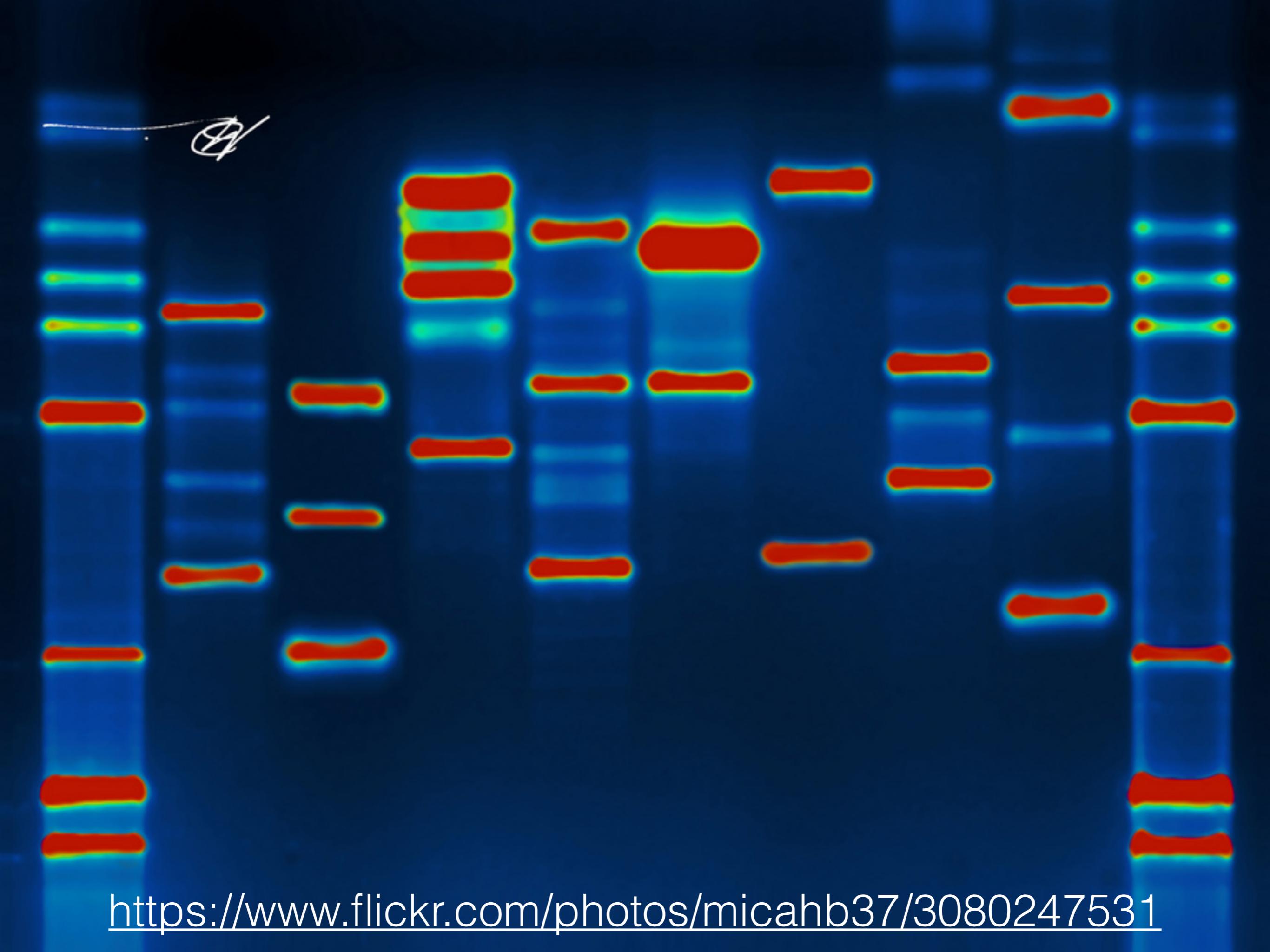
Rants ahead

#1

# The Template Hierarchy



Designed By Michelle Schulp of marktimemedia.com | @marktimemedia | wphierarchy.com by @ramiabraham



<https://www.flickr.com/photos/micahb37/3080247531>

```
36 ▾
37 ▼ $mact_surveyArgs = array( ▾
38 ▶   'public' => false, ▾
39 ▶   'label' => 'Survey Results', ▾
40 ▶   'show_ui' => true, ▾
41 ▶   'menu_position' => 50, ▾
42 ▶   'menu_icon' => 'dashicons-clipboard', ▾
43 ▶   'hierarchical' => false, ▾
44 ▼ ▶   'supports' => array( ▾
45 ▶     ▶   'title', ▾
46 ▶     ▶   'thumbnail', ▾
47 ▲ ▶   ), ▾
48 ▲ ); ▾
49 register_post_type('survey', $mact_surveyArgs); ▾
50 ▾
```

```
218 ▾
219 ▼ function mact_survey_query_vars( $vars ) {
220 ▶   // Add surveyuuid for displaying/sharing completed surveys
221 ▶   array_push( $vars, 'surveyuuid' );
222 ▾
223 ▶   // Add languageset for setting the preferred language
224 ▶   array_push( $vars, 'lang' );
225 ▾
226 ▶   // Add err for custom error handling
227 ▶   array_push( $vars, 'err' );
228 ▾
229 ▶   array_push( $vars, 'z' );
230 ▾
231 ▶   return $vars;
232 ▲ } ▾
233 ▾ add_filter( 'query_vars', 'mact_survey_query_vars' );
234 ▾
```

```
239 ▼function mact_survey_rewrite_rules( $rules ) {-
240     $langZRule = array();
241     $langZRule['(en|fr)/z-[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]
242     ][{12})/([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12})$'] =
243     'index.php?lang=$matches[1]&z=$matches[2]';
244
245     $surveyRule = array();
246     $surveyRule['([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12})$']
247     .= 'index.php?surveyuuid=$matches[1]';
248
249     $surveyLangRule = array();
250     $surveyLangRule['(en|fr)/([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9
251     a-f]{12})$'] = 'index.php?lang=$matches[1]&surveyuuid=$matches[2]';
252
253     $langRule = array();
254     $langRule['(en|fr)$'] = 'index.php?lang=$matches[1]';
255
256     $rules = $langRule + $rules;
257     $rules = $surveyRule + $rules;
258     $rules = $surveyLangRule + $rules;
259     $rules = $langZRule + $rules;
260
261     return $rules;
262 }
263 add_filter('rewrite_rules_array', 'mact_survey_rewrite_rules');
```

```
266  ↗
267 ▼ function mact_flush_rules() { ↗
268  ▶   $rules = get_option('rewrite_rules'); ↗
269  ↗
270  ▶   if (! ↗
271  ▶     ! isset( ↗
272  .   $rules['(en|fr)/([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12})$'] ·
· ) || ↗
272  ▶     (! isset($rules['(en|fr)$'])) || ↗
273  ▶     (! isset( ↗
274  .   $rules['(en|fr)/z-([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12})/([0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12})$']) ·
· ) ·{ ↗
275  ▶     global $wp_rewrite; ↗
276  ▶     $wp_rewrite->flush_rules(); ↗
277 ▲  ▶   } ↗
278 ▲  } ↗
279  add_action('wp_loaded', 'mact_flush_rules'); ↗
280  ↗
```

```
23
24  ▶ // default page to load
25  ▶ $pageTemplate = 'page-home';
26
27  ▶ // STATE INTERROGATION
28 ▼ ▶ if ($lang == false) {
29  ▶   $pageTemplate = 'page-language';
30
31 ▼ ▶ } elseif (!empty($surveyuuid)) {
32 ▼ ▶   $stateQuery = new WP_Query(array(
33  ▶     'numberposts' => -1,
34  ▶     'post_type' => 'survey',
35  ▶     'meta_key' => 'survey_uuid',
36  ▶     'meta_value' => $surveyuuid,
37  ▶   ));
38
39  ▶   $surveyID = $stateQuery->posts[0]->ID;
40
41  ▶   $pageTemplate = 'page-share';
42
43 ▼ ▶ } elseif (empty($z)) {
44  ▶   // No survey started yet
45
46 ▼ ▶   if ($_POST['survey_started'] == 'true') {
47  ▶     // If they've gone past the first screen, set up their survey response
48
49  ▶     $uuid = mact_gen_uuid();
50
51 ▼ ▶     $surveyID = wp_insert_post(array(
52  ▶       'post_author' => 1,
53  ▶       'post_title' => date('c') . '-' . $uuid . '-' . $_SERVER['REMOTE_ADDR'],
54  ▶       'post_status' => 'publish',
```

Entries in this section have their own URLs

#### Entry URL Format \*

What the entry URLs should look like. You can include tags that output entry properties, such as {slug} or {postDate|date("Y")}.  
news/{slug}

#### Entry Template

The template to use when an entry's URL is requested.  
news/\_entry

#2

Plugins

WPML - The WordPress Multilingual Plugin

Secure https://wpml.org

Account Search

WPML.ORG

Home Features Purchase Documentation Support Blog

## The WordPress Multilingual Plugin

WPML makes it easy to build multilingual sites and run them. It's powerful enough for corporate sites, yet simple for blogs.

 Buy and Download [WPML tour »](#)

Works on WordPress 3.9 – 4.7.5 – [minimum requirements](#)

Translation management

Current translators

Name	Language	Actions
admin	English to Japanese	Chat with translator
amir	English to German, Japanese, Chinese (Simplified)	Chat with translator
Linguistic_Genius	English to German	Chat with translator
rafaelB	English to Spanish	Chat with translator
AhsinLiu	English to Chinese (Simplified)	Chat with translator

View Demo

Why Choose WPML?

- It's complete**

With WPML you can translate pages, posts, custom types, taxonomy, menus and even the theme's texts.
- It's compatible**

Every theme or plugin that uses WordPress API runs multilingual with WPML.
- It's dependable**

We provide full support for WPML, helping you deliver perfect websites on time.

WPML News

Integration of WPML and Wordbee Beebox is now available

May 25, 2017

We are glad to announce the recent integration of WPML and Wordbee Beebox, a CMS connectivity solution. With offices in Luxembourg, Spain, United Kingdom,...

WPML 3.7.1 with Stability Improvements for Page Builders

May 23, 2017

We're ready with a maintenance release of WPML, which improves stability and compatibility with a number of themes and plugins. We're getting ready for...

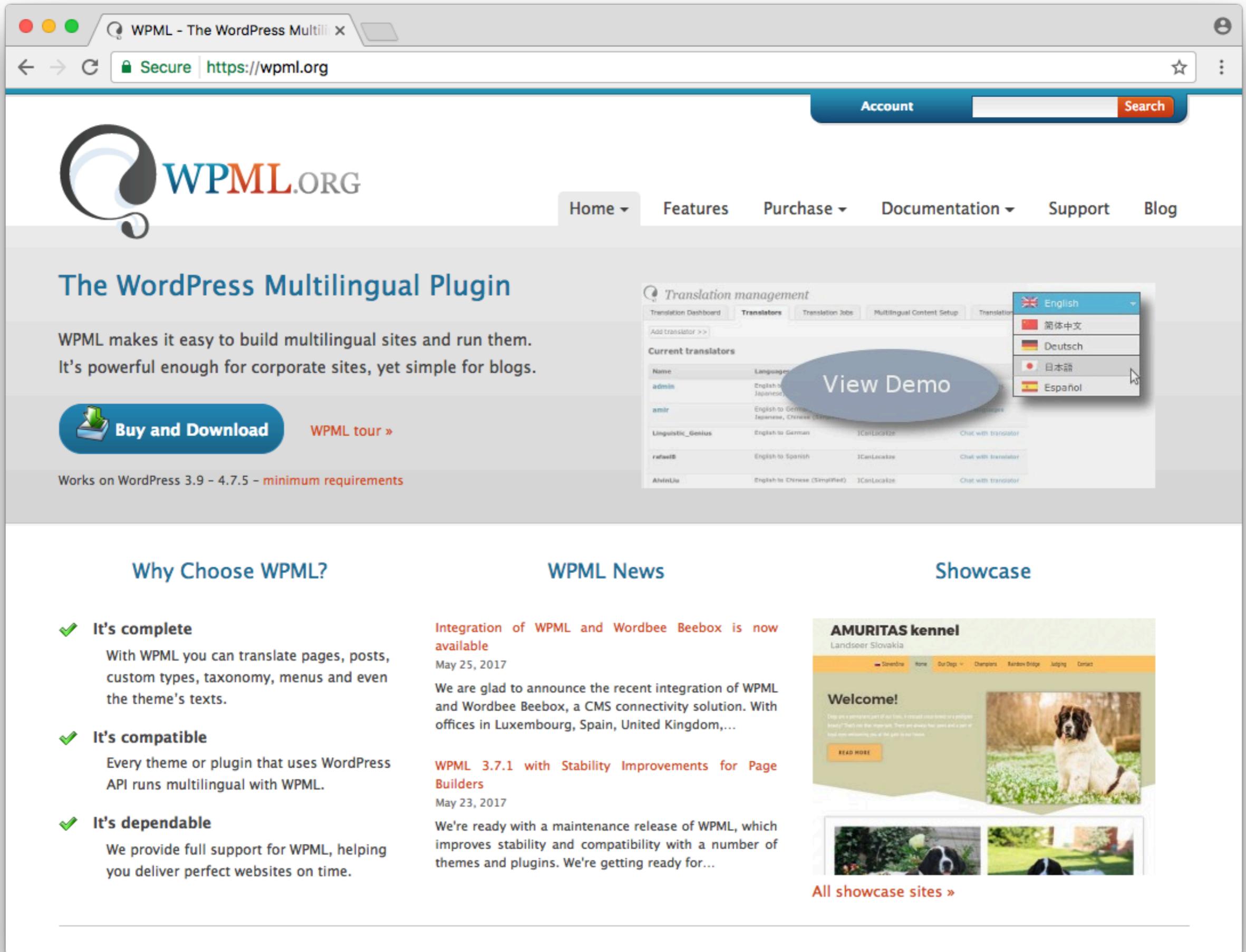
Showcase

AMURITAS kennel

Welcome!

Read More

All showcase sites »



</Rant>

WordPress without the  
themes or plugins

# WordPress.com API

REST API Resources | Developers

Secure https://developer.wordpress.com/docs/api/

W Developers Documentation Blog My Apps Contact Search ...

# REST API Resources

Documentation → REST API Resources

Welcome to the WordPress.com REST API. Below, you'll find a full listing of all the available endpoints. As we add more endpoints, they will be automatically documented here and available through the [Developer Console](#).

If you're not sure how to make calls to the API, you might want to check out the [Getting Started](#) guide or the walkthrough on [authentication](#).

For more information about a particular endpoint, click on its name under the Resource header. You'll be taken to the endpoint's documentation page, which includes what query parameters the endpoint will accept, what the JSON object's parameters will be in the response, and an example query/response.

This documentation is for our most recent version of the REST API, version 1.1. Documentation is still available for [version 1](#) of the REST API.

If you're looking for the WordPress REST API that shipped as part of WordPress core in version 4.7, see [its documentation](#). Note that this API is [also enabled on WordPress.com](#).

Authentication  
Users  
Sites  
Posts  
Comments  
Taxonomy  
Follow  
Sharing  
Freshly Pressed  
Notifications  
Insights  
Reader  
Stats

Follow ...

Paw – The most advanced API x

Secure https://paw.cloud

Paw Discover Paw Extensions Documentation Support My Account

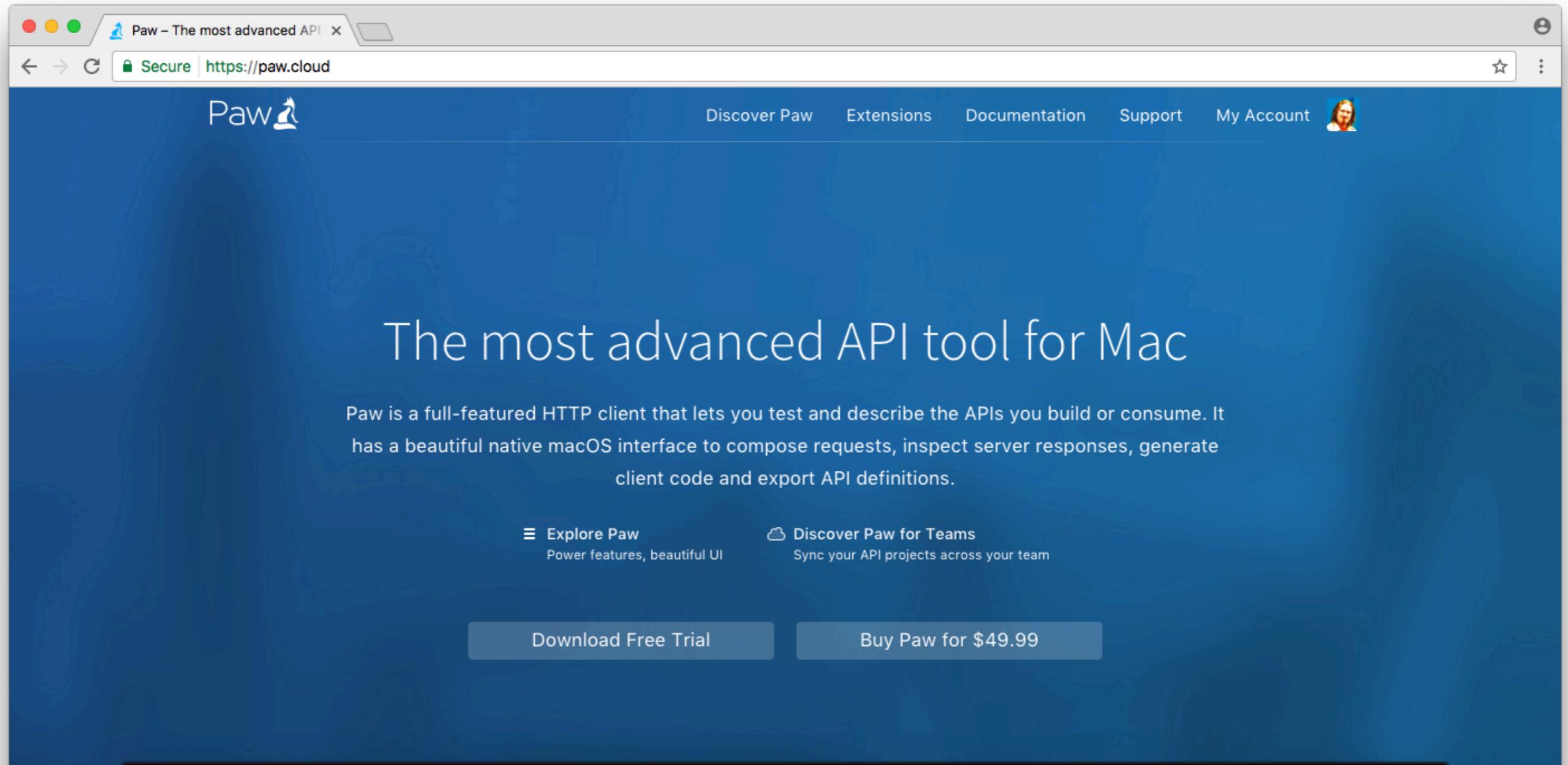
# The most advanced API tool for Mac

Paw is a full-featured HTTP client that lets you test and describe the APIs you build or consume. It has a beautiful native macOS interface to compose requests, inspect server responses, generate client code and export API definitions.

Explore Paw Power features, beautiful UI

Discover Paw for Teams Sync your API projects across your team

Download Free Trial Buy Paw for \$49.99



Beautiful APIs master Synced

Sent Get a repository  
GET /repos/luckymarmot/paw 200 579 ms

Sessions Environments

Default Session Manage »

httpbin.org

- Bin Get GET /get
- Bin Post POST /postdsadfdsaf
- Basic Auth GET /basic-auth/user/password

GET https://api.github.com/repos/ Owner ID / Repository... 200 OK

Get a repository Edit | View

Description Headers URL Params Body Auth Options

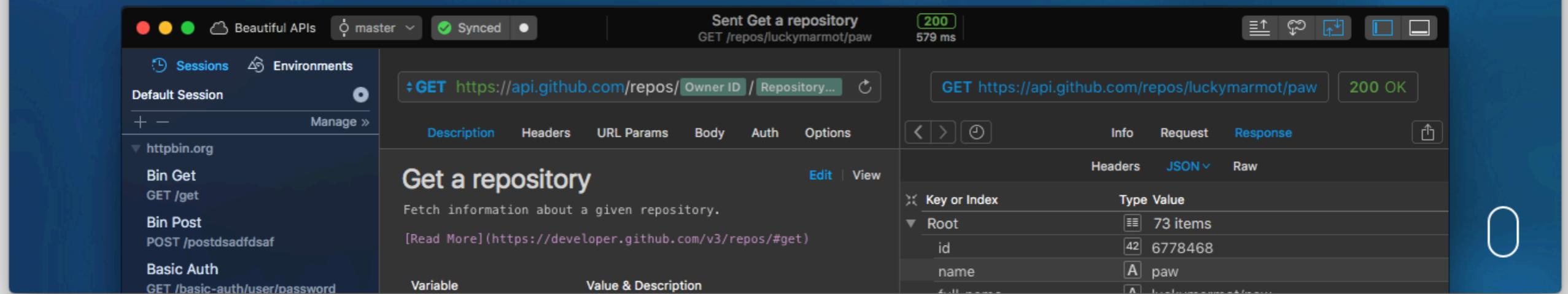
Fetch information about a given repository.  
[Read More] (https://developer.github.com/v3/repos/#get)

Variable Value & Description

Info Request Response

Headers JSON Raw

Key or Index	Type	Value
Root	73 items	
id	42	6778468
name	A	paw



WordPress.com Lister

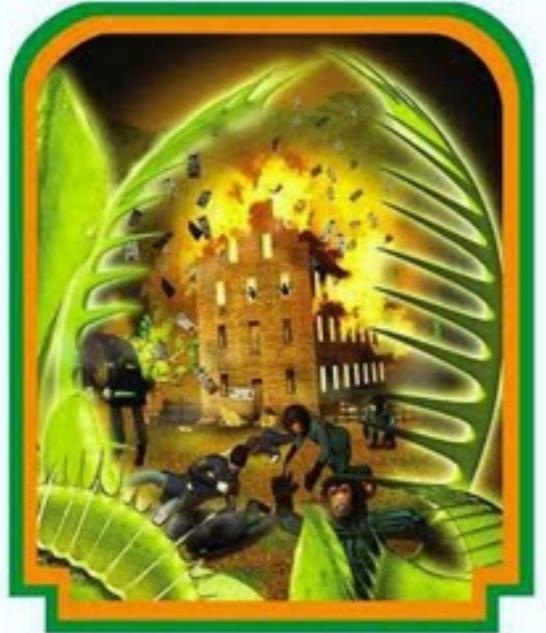
So... OK, but  
kinda boring

CHOOSE YOUR OWN ADVENTURE® 6

THE CLASSIC SERIES IS BACK!  
CHOOSE FROM 20 POSSIBLE ENDINGS.

## HOUSE OF DANGER

BY R. A. MONTGOMERY

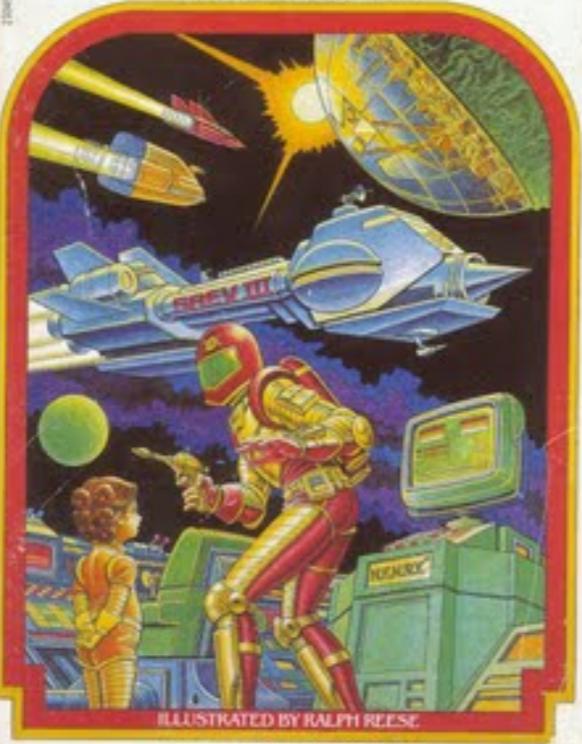


CHOOSE YOUR OWN ADVENTURE® 22

YOU'RE THE STAR OF THE STORY! CHOOSE FROM 26 POSSIBLE ENDINGS.

## SPACE PATROL

BY JULIUS GOODMAN

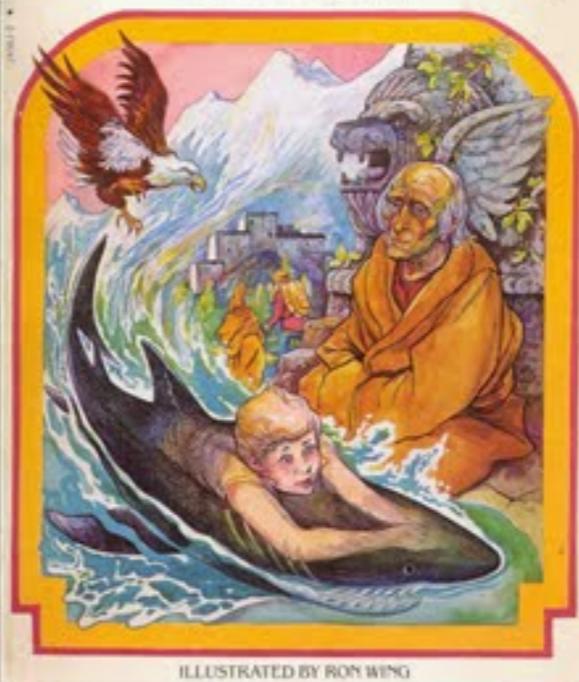


CHOOSE YOUR OWN ADVENTURE® 45

YOU'RE THE STAR OF THE STORY! CHOOSE FROM 14 POSSIBLE ENDINGS.

## YOU ARE A SHARK

BY EDWARD PACKARD

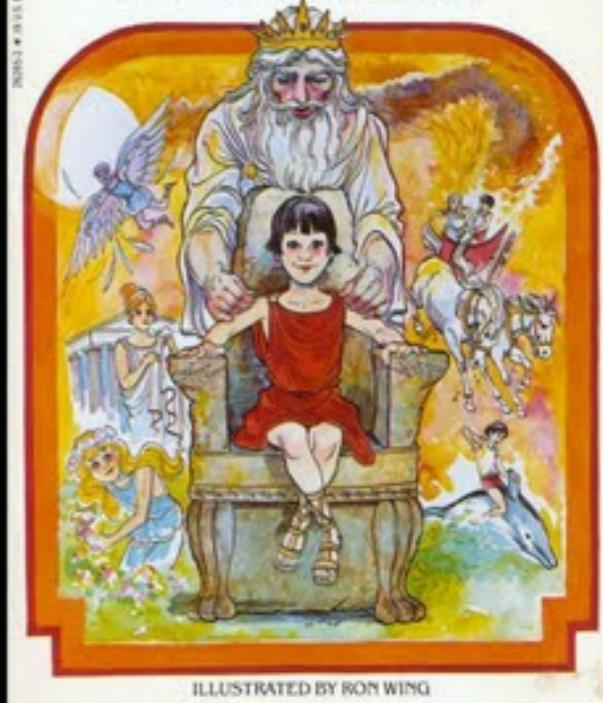


CHOOSE YOUR OWN ADVENTURE® 40

YOU'RE THE STAR OF THE STORY! CHOOSE FROM 30 POSSIBLE ENDINGS.

## THE THRONE OF ZEUS

BY DEBORAH LERME GOODMAN

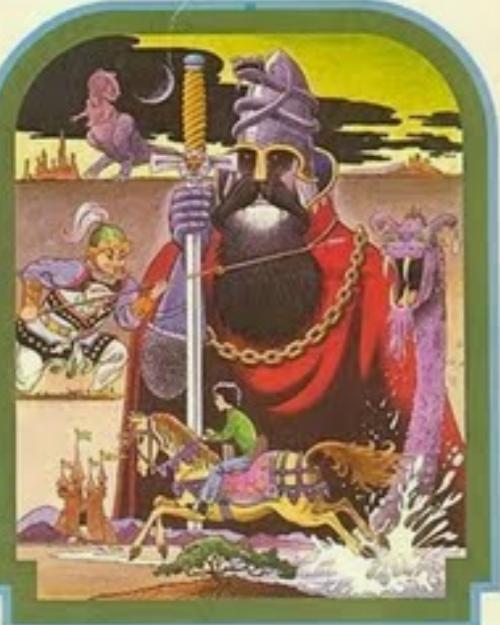


CHOOSE YOUR OWN ADVENTURE™ 1

YOU'RE THE STAR OF THE STORY!  
CHOOSE FROM 40 POSSIBLE ENDINGS

## THE CAVE OF TIME

BY EDWARD PACKARD

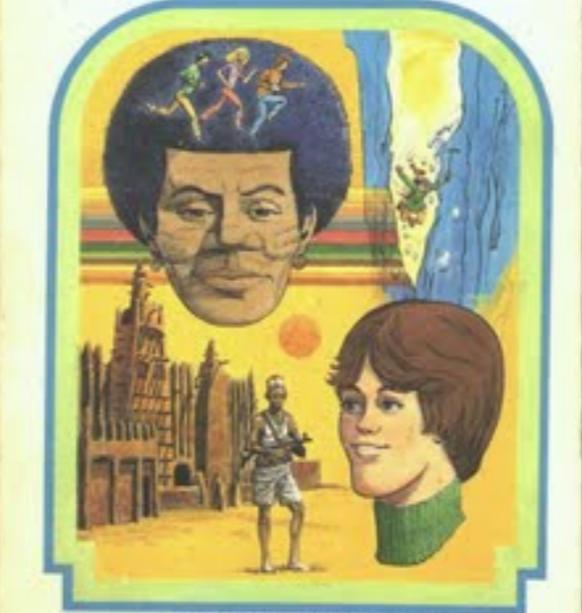


CHOOSE YOUR OWN ADVENTURE® 10

YOU'RE THE STAR OF THE STORY!  
CHOOSE FROM 36 POSSIBLE ENDINGS

## THE LOST JEWELS OF NABOOTI

BY R.A. MONTGOMERY



CHOOSE YOUR OWN ADVENTURE® 22

YOU'RE THE STAR OF THE STORY! CHOOSE FROM 26 POSSIBLE ENDINGS.

## SPACE PATROL

BY JULIUS GOODMAN

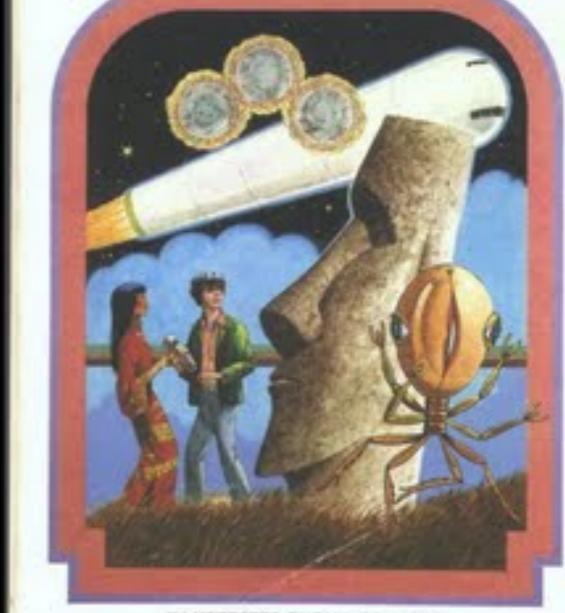


CHOOSE YOUR OWN ADVENTURE® 12

YOU'RE THE STAR OF THE STORY!  
CHOOSE FROM 30 POSSIBLE ENDINGS.

## INSIDE UFO 54-40

BY EDWARD PACKARD



ILLUSTRATED BY PAUL GRANGER

ILLUSTRATED BY PAUL GRANGER

ILLUSTRATED BY PAUL GRANGER

Press Your Own  
Adventure

What's going on here?

# Auth

# REST API

Thanks!

Questions?

# Extra

- @GavinAnderegg
- <http://anderegg.ca/wc2017>