HAVING FUN WITH DRUPAL 8, PHP LIBRARIES AND THE DRUPAL.ORG API

- ▶ **Full stack Web Developer & System Administrator**

- ▶ **Senior Developer at Microserve**

- ▶ **Part-time freelancer**

- ▶ **Acquia certified Drupal 8 Grand Master**

- ▶ **Drupal core contributor**

- ▶ **Open source project maintainer**

- ▶ **opdavies (Drupal.org, GitHub, Twitter)**

- ▶ **www.oliverdavies.uk**

DRUPAL 8 CRASH COURSE

PHP LIBRARIES, UNIT TESTING, COMPOSER, ROUTING, SERVICES, DEPENDENCY INJECTION, CACHING

LIVE DEMO ALERT!

About us

At Microserve, we've been delivering smart technical solutions since we started in 2004. Since then, we've been leading the way with more Drupal Development certifications than any other digital agency in the UK.

We're smart

Our formidable technical expertise is informed by innovative thinking and strategic nous gained from years of technical problem-solving. We use our skills and insights gathered through analytics to work in partnership with our clients to transform their digital products.

We're enthusiastic

We love getting stuck into big projects but anything that gets us thinking is a winner. Whether that's a tricky bit of UX that needs straightening out or programming head-scratcher that needs to be brought into line, we'll approach every challenge with the same enthusiasm and we'll come up with a smart solution.

We're experts in Drupal

We like to give back to the open source community through regularly scheduling sprint days for our developers to work on Drupal and push the development of the platform forwards.

Why not ask us about yours?

Overview >
Packages
Projects
Postcard wall

From the (open) source

Packages and side projects
for Laravel & JavaScript

OUR CURRENT FAVORITES

laravel-permission

Associate users with roles and permissions

PHP • 2 121 377 ↓ • 5 648 ☆

laravel • php • permission • secure

laravel-backup

A package to backup your Laravel app

PHP • 1 556 204 ↓ • 3 124 ☆

laravel • php • backup • database • zip • devops

Introduction
Documentation

DID YOU KNOW THAT
DRUPAL.ORG HAS AN API?

https://www.drupal.org/drupalorg/docs/api

Why Drupal?   Build   Solutions   Services   Community   Resources   Association   **Try Drupal**

Documentation

Search documentation...

Drupal.org

API

Last updated on 18 August 2018

Please use Drupal.org's APIs respectfully.

- Use an appropriate user agent string.
- Make requests from a single thread.
- Cache results locally whenever possible.

Abuse will be blocked as needed.

For support and requesting API changes, use the Infrastructure issue queue.

RESTful Web Services

Drupal.org uses the RESTful Web Services module to expose node, comment, user, file, taxonomy_vocabulary and taxonomy_term resources. An important difference

✏️ **Edit**

Drupal.org

User accounts

Content guidelines

Marketplace guidelines

Moderation and maintenance

Building Drupal.org

Drupal CI

API

RSS feeds

DrupalCamp site archives

GitLab Integration

https://www.drupal.org/api-d7/user.json?name=Dries

Raw | Parsed

```
{
    "self": "https://www.drupal.org/api-d7/user?name=Dries",
    "first": "https://www.drupal.org/api-d7/user?name=Dries&page=0",
    "last": "https://www.drupal.org/api-d7/user?name=Dries&page=0",
    "list": [
        {
            "field_industries_worked_in": [],
            "field_organizations": [
                {
                    "uri": "https://www.drupal.org/api-d7/field_collection_item/434463",
                    "id": "434463",
                    "resource": "field_collection_item"
                },
                {
                    "uri": "https://www.drupal.org/api-d7/field_collection_item/502475",
                    "id": "502475",
                    "resource": "field_collection_item"
                },
                {
                    "uri": "https://www.drupal.org/api-d7/field_collection_item/1291956",
                    "id": "1291956",
                    "resource": "field_collection_item"
                }
            ],
            "field_bio": {
                "value": "<p>Drupal founder and project lead<br />\nCo-founder and President of the Drupal Association<br />\nCo-founder and CTO of Acquia<br />\nCo-founder of Mollom</p>",
                "format": "1"
            },
            "field_irc_nick": "Dries__",
            "field_websites": [
                {
                    "url": "https://dri.es",
                    "attributes": [],
                    "display_url": null
                }
            ],
            "field_country": "BE",
            "field_languages": [
                "Dutch",
```

A PHP LIBRARY FOR THE
DRUPAL.ORG API

- ▸ Retrieve node and user data
- ▸ Filter by properties
- ▸ Provides own entity classes
- ▸ Methods for retrieving common properties
- ▸ Reusable
- ▸ Unit tested

← → ⟳ ⌂   🔒 GitHub, Inc. [US] | https://github.com/opdavies/drupalorg-api-php   ☆   ⋮

Search or jump to...   /   **Pull requests**   **Issues**   **Marketplace**   **Explore**   🔔   ＋▾   👤▾

📖 **opdavies** / **drupalorg-api-php**

⊙ Unwatch ▾ 1   ★ Star 1   🍴 Fork 0

`<>` Code   ⚠ Issues 1   🔀 Pull requests 0   ▣ Projects 0   📖 Wiki   📊 Insights   ⚙ Settings

A PHP library for the Drupal.org API.   https://packagist.org/packages/opdavi...   Edit

Manage topics

🕐 **31** commits   ⑂ **1** branch   🏷 **2** releases   👥 **1** contributor   ⚖ **MIT**

Branch: master ▾   **New pull request**   Create new file   Upload files   Find file   **Clone or download ▾**

👤 **opdavies** Create LICENSE   Latest commit `0f6cb49` on 30 Jan

📁 src	Fix spaces, remove blank line	2 months ago
📁 tests/src	PSR-2 fixes	11 months ago
📄 .gitignore	Add node and project tests	a year ago
📄 .php_cs.dist	Add PHP CS Fixer	a year ago
📄 .travis.yml	Remove 7.3 for now	2 months ago
📄 LICENSE	Create LICENSE	a month ago
📄 README.md	Add node example	11 months ago
📄 composer.json	Require ext-json	2 months ago
📄 phpunit.xml.dist	Add testsuites	a year ago

https://packagist.org/packages/opdavies/drupalorg-api-php

Packagist *The PHP Package Repository*

Browse   Submit   Create account   Sign in

Search packages...

opdavies/drupalorg-api-php

⬇ `composer require opdavies/drupalorg-api-php`

| There is no license information available for the latest version (0.2.0) of this package.

PHP library for the Drupal.org API

Maintainers

Details

github.com/opdavies/drupalorg-api-p...
Source
Issues

Installs:	15
Dependents:	0
Suggesters:	0
Stars:	1
Watchers:	1
Forks:	0
Open Issues:	1

dev-master

0.2.0

0.1.0

0.2.0   2018-04-16 13:34 UTC

requires   **requires (dev)**   **suggests**

- php: ^5.6|^7   - friendsofphp/php-cs-fixer: ^2.10   None
- guzzlehttp/guzzle: ^6.3   - phpunit/phpunit: ^5.7

Travis CI   Dashboard   Changelog   Documentation   Help

🗎 **opdavies / drupalorg-api-php** 🐙 build passing

Current   Branches   Build History   Pull Requests   More options ☰

✓ **master**   Create LICENSE   ⟳ Restart build

    ⊶ Commit `0f6cb49` ⧉
    ⑃ Compare `de3f65b..0f6cb49` ⧉
    ⑂ Branch `master` ⧉

    👤 Oliver Davies

⊶ **#19 passed**

🕐 Ran for 3 min 5 sec
🕐 Total time 5 min 51 sec

📅 about a month ago

Build jobs   **View config**

| ✓ | # 19.1 | 🐧 | </> PHP: 7.1 | 📦 no environment variables set | 🕐 2 min 46 sec | ⟳ |
| ✓ | # 19.2 | 🐧 | </> PHP: 7.2 | 📦 no environment variables set | 🕐 3 min 5 sec | ⟳ |

My Repositories +

🔍 Search all repositories

✓ microserve-io/geoplugin   # 15
🕐 Duration: 7 min 49 sec
📅 Finished: 3 days ago

❗ microserve-io/puppet-docksal   # 13
🕐 Duration: 6 min 29 sec
📅 Finished: 9 days ago

✓ opdavies/joindin-winner-picker   # 13
🕐 Duration: 18 min 27 sec
📅 Finished: 12 days ago

✓ opdavies/drupalorg-api-php   # 19
🕐 Duration: 5 min 51 sec
📅 Finished: about a month ago

✓ opdavies/gmail-filter-builder   # 46

```
$ composer require opdavies/drupalorg-api-php
```

DISPLAYING DRUPAL.ORG
PROJECT STATISTICS

- ▸ Inspired by spatie.be/en/opensource
- ▸ Displays downloads and stars
- ▸ Drupal 8 module
  - ▸ Configuration form to enter project IDs
  - ▸ Queries the API
  - ▸ Displays project information
  - ▸ Retrieved data cached locally

Not Secure | drupal87.docksal/admin/config/services/drupalorg-projects

Back to site | **Manage** | ⭐ **Shortcuts** | 👤 admin

📄 Content | Structure | Appearance | Extend | Configuration | People | Reports | ❓ Help

Home » Administration » Configuration » Web services

Drupal.org project IDs *

```
107871, 2960603, 2952824, 2951708
```

Separate each project ID with a comma or place each ID on a new line.

Save configuration

Not Secure | drupal87.docksal/projects

Manage ⭐ **Shortcuts** 👤 **admin** ✏️ **Edit**

📄 Content | 🔧 Structure | 🎨 Appearance | 🧩 Extend | 🔧 Configuration | 👥 People | 📊 Reports | ❓ Help

My account   Log out

Site-Install

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My Drupal.org Projects

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Tools

Add content

My Drupal.org Projects

My Drupal.org Projects

Override Node Options (https://www.drupal.org/project/override_node_options): 354,727 downloads, 32 stars
System User (https://www.drupal.org/project/system_user): 517 downloads, 1 stars
Simple integrations (https://www.drupal.org/project/simple_integrations): 507 downloads, 2 stars
Null User (https://www.drupal.org/project/null_user): 441 downloads, 3 stars

Contact

Powered by Drupal

WHEN IS YOUR
DRUPALVERSARY?

▸ When did you register on Drupal.org?

▸ Drupal 8 module

  ▸ Enter a username

  ▸ Queries the API

  ▸ Displays information - next Drupalversary date and number of days until, number of years on Drupal.org

  ▸ Retrieved data cached locally

Not Secure | drupal87.docksal/u/opdavies

☰ Manage   **⭐ Shortcuts**   **👤 admin**   **✏️ Edit**

📄 Content   🔧 Structure   🖌 Appearance   🧩 Extend   🔧 Configuration   👥 People   📊 Reports   ❓ Help

My account   Log out

Site-Install

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Home

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🔍

When is opdavies's Drupalversary?

Saturday, October 19, 2019 - 00:00 - 11 years!

230 days to go!

Tools

Add content

Contact

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- opdavi.es/talks
- opdavi.es/do-library
- opdavi.es/drupalversary
- opdavi.es/do-projects

QUESTIONS?

THANKS