

Contributing Back to WordPress



Five for the Future

In 2014 Matt said..



Organisations... should
dedicate 5% of their
people to working on
something to do with
core

<https://ma.tt/2014/09/five-for-the-future/>

Individually?

WordPress gives us..

- A Voice
- A Career
- An Income
- A Place to Learn New Skills
- A Community
- Long-lasting Friendships and Business Colleagues

What Can I Give Back?

In 2014 Matt said..



..whatever it might
be that helps move
WordPress mission
forward

<https://ma.tt/2014/09/five-for-the-future/>

Contributing to Core

“It is *vital* for the future success of WordPress to have a healthy group of contributors.”

Contribute to Core

Welcome to Trac – enhanced wiki and issue tracking system

- Follow development timeline
- Contribute to a ticket

If you are new

- Find some “First Good Bugs”
- core.trac.wordpress.org/tickets/good-first-bugs

Refs: make.wordpress.org/core make.wordpress.org/core/handbook

Contribute to Core

New Ticket

Search

← Previous Period | Next Period →


Timeline

10/20/2018: Today

 04:20 Changeset [43774] by SergeyBiryukov
REST API: Restore Autosaves controller test for multisite. PHPUnit ...


10/19/2018: Yesterday

 23:42 Ticket #45119 (Add a way to build packages scripts to ` /src ` folder.) reopened by netweb
Running `grunt precommit` currently from the 5.0 branch fails `grunt ...`

 18:52 Ticket #43757 (` WP_REST_Attachments_Controller ` includes entire admin includes for a ...) closed by danielbachhuber
fixed: In 43773: [...]

 18:52 Changeset [43773] by danielbachhuber
REST API: Limit the scope of wp-admin files required in ...

 18:40 Changeset [43772] by danielbachhuber
Help/About: Ensure the space after the period for the 4.9.8 changelog ...

 18:38 Ticket #44717 (Missing space in changelog on about.php) reopened by danielbachhuber
[43622] needs backport against 5.0

View changes from 10/20/2018

going back 7 days

by author

- Milestones completed
- Tickets opened and closed
- Ticket updates
- Changesets in all repositories
- Wiki changes

Update

Contribute to Core

Unclaimed — jump right in! (19 matches)

Ticket	Summary	Component	Milestone	Type	Modified	Workflow
#44850	incorrect DocBlock for set-screen-option filter	Administration	5.1	defect (bug)	10/13/2018	has-patch
#44560	Console warning because <code>'build/.../underscore.min.js'</code> references <code>'sourceMapURL'</code> that doesn't exist	Build/Test Tools	Awaiting Review	defect (bug)	08/10/2018	has-patch
#44664	Twenty Fourteen: Video play icon alignment	Bundled Theme	5.0.1	defect (bug)	10/15/2018	has-patch
#36346	Twenty Sixteen/Fifteen/Thirteen/Twelve titles can lead to horizontal scrolls	Bundled Theme	Future Release	defect (bug)	04/26/2018	has-patch
#43586	Minor UI adjustments to the Author box in the Edit Comment screen	Comments	5.1	enhancement	10/13/2018	has-patch
#44083	Add action to <code>wp_mkdir_p()</code> when directory is created successfully	Filesystem API	Awaiting Review	enhancement	07/12/2018	has-patch
#44360	Missing translators comment need to be added	General	5.1	enhancement	10/15/2018	needs-patch
#43542	Duplicate MIME-Version header	Mail	Awaiting Review	defect (bug)	06/27/2018	has-patch
#43904	Media toolbar spacing inconsistent across views	Media	Awaiting Review	defect (bug)	06/27/2018	has-patch
#40370	<code>add_image_sizes</code> does not create the "crop position" versions of the image	Media	Future Release	enhancement	10/13/2018	needs-patch, needs-unit-tests
#45061	Document how args are passed from <code>'wp_insert_site()'</code> to <code>'wp_initialize_site()'</code>	Networks and Sites	5.1	defect (bug)	10/06/2018	needs-patch
#44042	Hook for 'delete_option' behaviour required	Options, Meta APIs	Future Release	enhancement	07/16/2018	has-patch
#44708	Coding consistency, seeing both <code>\$request</code> and <code>\$request_data</code>	Privacy	5.1	defect (bug)	10/13/2018	has-patch
#44305	The 'fields' query parameter for <code>WP_Query</code> supports only a string	Query	Future Release	defect (bug)	06/27/2018	has-patch
#43502	<code>'WP_REST_Posts_Controller::prepare_item_for_response()'</code> doesn't reset postdata after calling <code>setup_postdata()</code>	REST API	Future Release	defect (bug)	08/29/2018	needs-patch, needs-unit-tests
#41554	REST API: Use <code>'wp.apiRequest'</code> helper to build URLs for media embed requests	REST API	Awaiting Review	enhancement	04/08/2018	has-patch
#44821	Add filter for custom taxonomy per page value in <code>'WP_Term_List_Table'</code>	Taxonomy	5.0.1	enhancement	10/08/2018	has-patch
#43060	register taxonomy should accept a label to affect the description under each field on the Add Tag form	Taxonomy	Awaiting Review	enhancement	09/09/2018	has-patch
#44878	"Are you sure" messaging is inconsistent	Text Changes	Future Release	enhancement	09/27/2018	has-patch

Tickets with a contributor working on them. (81 matches)

Ticket	Summary	Component	Milestone	Type	Modified	Workflow
#44209	Admin Menu SVG icon colour wrong in Default colour scheme	Administration	5.0.1	defect (bug)	10/08/2018	has-patch
#42254	Duplicate news entries in Events & News dashboard widget	Administration	5.1	defect (bug)	10/12/2018	has-patch

Contribute to Core



#44083 new enhancement

Opened 5 months ago

Last modified 3 months ago

Add action to wp_mkdir_p() when directory is created successfully

Reported by:



[johnjamesjacoby](#)

Owned by:

Milestone:

[Awaiting Review](#)

Priority:

[normal](#)

Severity:

[normal](#)

Version:

[2.0.1](#)

Component:

[Filesystem API](#)

Keywords:

[good-first-bug](#) [has-patch](#)
[needs-refresh](#)

Description (last modified by [johnjamesjacoby](#)) Δ

It would be nice if the `wp_mkdir_p()` function contained a hook for plugins to interact with when a directory gets created.

[↳ Reply](#)

The use-case I have currently is that Easy Digital Downloads (for example) creates `.htaccess` files and empty `index.php` files in its own `uploads/edd` directory, and each directory inside it, as one way of protecting those empty directories from being publicly browsable.

Contribute to Core

The process (high-level):

Build and configure local dev site

- Download WordPress from Subversion (SVN) repo
- Build site from /src/ using Node.js, npm and Grunt
- Configure site in /build/
- Clean SVN with diff, revert, up, grunt
- Apply a patch file from the ticket if there is one
 - `patch -p0 < 44360.1.patch`

Ref: deliciousbrains.com/developers-guide-contributing-wordpress-core/

Contribute to Core

The process (high-level):

Development & Testing

- Apply your code and test with PHPUnit
- Create a patch file with SVN diff > 44360.2.patch

Attach patch on updated Trac ticket and submit

Clean SVN ready for next ticket

Ref: deliciousbrains.com/developers-guide-contributing-wordpress-core/

Contribute to Gutenberg

WordPress consumes Gutenberg packages which are all managed by GitHub

github.com/WordPress/gutenberg

Ref: deliciousbrains.com/developers-guide-contributing-wordpress-core/

Contribute to Core

Join core-related channels on slack

- #core
- #core-js
- #core-editor
- #core-php
- #core-restapi

Channels you can join

core-bootstrap

Bootstrap/Load component

Created by helen on February 23rd, 2017

core-coding-standards

Discussing and furthering WordPress Coding Standards.

Created by pento on June 17th, 2017

core-comments

Created by sam on May 5th, 2016

core-commits

All commits to WordPress core are piped here. READ ONLY CHANNEL. Use #core for discussions.

Ref: make.wordpress.org/chat

Plugin & Theme Dev



Extending functionality, embracing
new technology and designs

Plugin Dev

- New services and APIs to integrate with
- New ways that users want to interact with
- Unique/niche functionality requirements
- Compliment new core functionality
- Submit plugin zip **for review** to include in SVN repo
 - developer.wordpress.org/plugins/wordpress-org

Ref: make.wordpress.org/plugins  #pluginreview

Ref: make.wordpress.org/core/handbook/best-practices/coding-standards

Theme Dev

- New devices
- New design concepts
- Unique/niche design requirements
- Submit theme zip **for review** to include in Directory
 - Theme Check Plugin
wordpress.org/plugins/theme-check
 - Theme Upload
wordpress.org/themes/getting-started

Ref: make.wordpress.org/themes



#themereview

Ref: make.wordpress.org/themes/handbook/review/required

A close-up, low-angle shot of a microscope's objective lenses. The lenses are metallic and have various markings, including 'HCX', '63X', and '10X'. The background is dark and out of focus, emphasizing the sharp details of the microscope.

Testing & Reviewing

“Raising the quality of the WordPress user experience”

Testing

- Automated unit testing
 - QUnit (JavaScript) , PHPUnit (testing & writing new)
- Beta testing pre-release versions
 - Plugin: wordpress.org/extend/plugins/wordpress-beta-tester
- User Testing
 - UI, Gutenberg
 - Features: make.wordpress.org/core/features

Ref: make.wordpress.org/test

 #core-test

Ref: make.wordpress.org/core/handbook/testing

Theme Reviewing

“The Theme Review team maintains the official Theme Review Requirements, the Theme Unit Test Data, and the Theme Check Plugin.”

“The team is open to anyone..”

Ref: make.wordpress.org/themes/handbook/get-involved/become-a-reviewer

Accessibility

“..expertise across the project to improve the accessibility of WordPress core and resources.”

Accessibility

WordPress Accessibility Coding Standards (WPACS)

“All new or updated code released in WordPress must conform with the WCAG 2.0 guidelines at level AA.”

- en.wikipedia.org/wiki/Web_Content_Accessibility_Guidelines

Ref: make.wordpress.org/accessibility/handbook/get-involved

Ref: make.wordpress.org/accessibility

Accessibility

“We need people who know to **test accessibility** and/or **use assistive technology** that test existing and new functionality”

- Testing existing patches for Trac tickets
- Gutenberg

Ref: make.wordpress.org/accessibility/handbook/get-involved

Ref: make.wordpress.org/accessibility

Reporting Bugs

An illustration of a computer monitor with a magnifying glass over a bug icon. The magnifying glass is yellow and blue, and the bug is red and black. The background is a dark blue gradient.

“While we try to be proactive in preventing security problems, we do not assume they’ll never come up.”

Reporting Bugs

Make sure WordPress is the cause!

- Debug Bar plugin

wordpress.org/extend/plugins/debug-bar

- Backtrace Script gist.github.com/scribu/625769

Create new ticket on Trac

- core.trac.wordpress.org/newticket

Bug Gardening

- Test & confirm bug reports

make.wordpress.org/core/handbook/testing/bug-gardening

Ref: make.wordpress.org/core/handbook/testing/reporting-bugs

Security Vulnerabilities

Ethical reporting

- Give reasonable time to correct issue before going public
- HackerOne
hackerone.com/wordpress
- WordPress.com or WP Mobile App
hackerone.com/automattic

Ref: make.wordpress.org/core/handbook/testing/reporting-security-vulnerabilities

Translating - Polyglots



In 2014, non-English downloads surpassed English downloads.

- *Matt: State of the Word 2014*

Translating - Polyglots

- WordPress Core files .pot files
- Plugins
- Themes
- Codex
- Documentation
- Pretty much everything!



Ref: make.wordpress.org/polyglots

Supporting Users



“WordPress is used by 59.4% of all the websites whose content management system we know. This is 32.2% of all websites.”

- w3techs.com

Supporting Users

- WordPress.org support forums
- Slack
wordpress.slack.com
- LinkedIn groups
WordPress Developers, WordPress Experts,
WordPress
- Facebook groups
Advanced WordPress, WordPress Australia, Genesis
WordPress, +00's more



#forums

Ref: make.wordpress.org/support

Supporting Users

- Training
make.wordpress.org/training
- WordPress.tv
make.wordpress.org/tv
 - Edit videos
 - Lower thirds
 - Uploading to .tv



#forums

Ref: make.wordpress.org/support

Documentation



“..keeping content current with each WordPress release and adding new content and screenshots..”

Documentation

- Contributor Handbooks
- WordPress inline docs
- developer.wordpress.org
- Codex
 - Moving to HelpHub



#docs

Ref: make.wordpress.org/docs

Public Speaking

At local WordPress meetups
and national WordCamps

Public Speaking

- No previous speaking skills required
- People are interested in what you have to say!
- Talk about: a project, a plugin, a feature, a theme, a caching module in NGNIX that makes WordPress go faster – ANYTHING!
- Speak for 10 mins or just as long as you are comfortable to do

Volunteering

At local WordPress meetups
and national WordCamps

Volunteering

- Your time is precious and appreciated!
- Updating meetup.com, setting up/packing down tables and chairs, meet & greet, graphic design, planning, sponsor wrangling, marketing
- Front-row seats
- Free conference ticket
- Learn new skills: meet & greet, AV, time management
- Network your legs off

Create a Local Meetup



Absolutely yes, you can and you should!



Create a Local Meetup

- Strongly advise using [meetup.com](https://www.meetup.com)
- A venue
- Funding and sponsorship
 - Meetup fees USD \$14.99/month (AUD ~\$21)
- Your time and commitment
- A team of good people to help
- Some topics to discuss
- A format: coffee & chat, AV presentations

Join the Meetup Chapter

“As of the end of Q2 2018, there were 617 official Meetup groups.”

- [Meetup Chapter](#)

- At least one event per month
- Abide by the "[Five Good Faith Rules](#)"
- Step-down as organiser to co-organiser

Join the Meetup Chapter

As part of the Meetup Chapter

- WordPress Community Support (WPCS) pays Meetup fees & maybe venue fees
- Commit to at least three months
- Swag

Slack #community-events, #community-team

Just Do It!

Download My

“Ultimate WordPress Event Organiser Setup Guide”

zeropointdevelopment.com/WCBNE18

Password: **Contributor**

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Who Me?

- Using WordPress since 2008
- Consultancy, Development, APIs & Security
- Organiser WPSyd Meetup & WordCamp Sydney



@DeveloperWil

♥ Pizza & Craft Beer

zeropointdevelopment.com

