



GitHub Actions for WordPress

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I'M AHMAD BILAL

 *My first talk!*



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WordPress Developer



Google Summer of Code

❤️ *Loves JS, React, Node and Gatsby*

💻 *Developer Lead at Google Developer Student Club*

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🤗 *Psst. read my blog, that's where all the fun things happen ↓*

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GITHUB ACTIONS

- ✓ *Fully integrated with GitHub*
- ✓ *Any GitHub event*
- ✓ *Any platform*
- ✓ *Community-powered workflows*

GITHUB ACTIONS

100 *Managed by GitHub*

WORDPRESS



Automated deployment to
WP SVN directory

WHY GITHUB ACTIONS?

ALTERNATIVES:

- ➔ *The manual way*
- ➔ *Deployment scripts*
- ➔ *Apps like Ship and Deployer*

THE PROBLEMS

😴 *Slow*

😞 *Not Automated*

🙄 *Accessibility*

Steps

These are the steps that the script takes:

1. Asks for plugin slug.
2. Asks for local plugin directory.
3. Checks local plugin directory exists.
4. Asks for main plugin file name.
5. Checks main plugin file exists.
6. Checks `readme.txt` version matches main plugin file version.
7. Asks for temporary SVN checkout path.
8. Asks for remote SVN repo URL.
9. Asks for SVN username.
10. Asks if input is correct, and gives chance to abort.
11. Checks if Git tag exists for version number (must match exactly).
12. Does checkout of SVN repo.
13. Sets SVN ignore on some GitHub-related files.
14. Exports `HEAD` of `master` from Git to the trunk of SVN.
15. Initialises and updates any git submodules.
16. Moves `/trunk/assets` up to `/assets`.
17. Moves into `/trunk`, and does an SVN commit.
18. Moves into `/assets`, and does an SVN commit.
19. Copies `/trunk` into `/tags/{version}`, and does an SVN commit.
20. Deletes temporary local SVN checkout.

THE PROBLEMS

- ✗ *Access to GitHub & WordPress.org credentials*
- 😞 *Only for public repositories*
- 🤔 *Adds a committer to the plugin*

IDEAL SCENARIO

🙌 Safe one-time setup which automatically deploys without the need of a single click

Deploy
on push





tag
Filters for GitHub Actions



uses actions/bin/filter@master
args tag

WordPress Plugin De...
WordPress Plugin Deploy



uses 10up/actions-wordpress/...
secrets  SVN_PASSWORD
 SVN_USERNAME



QUESTIONS?

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