

# Cool Tools for PHP Development

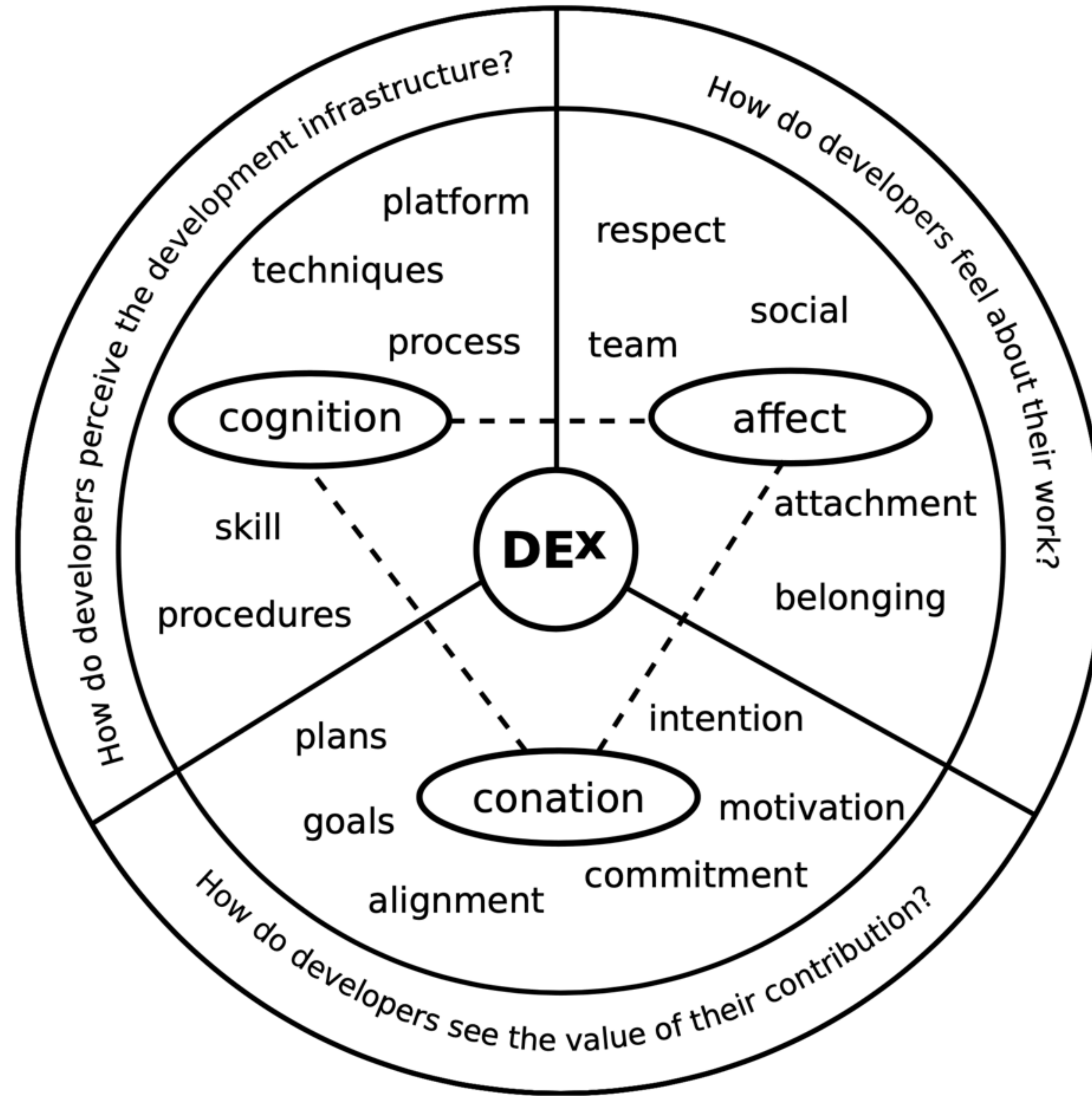
Ben Ramsey

Nashville PHP • 27 April 2023





“DE<sup>x</sup> consists of experiences relating to all kinds of artifacts and activities that a developer may encounter as part of their involvement in software development. These could roughly be divided into experiences regarding i) development infrastructure (e.g. development and management tools, programming languages, libraries, platforms, frameworks, processes, and methods), ii) feelings about work (e.g. respect, attachment, belonging), and iii) the value of one’s own contribution (e.g. alignment of one’s own goals with those of the project, plans, intentions, and commitment).”



# Developer experience

## CONCEPTUAL FRAMEWORK

### Cognition

How do developers perceive the development infrastructure?

### Conation

How do developers see the value of their contribution?

### Affect

How do developers feel about their work?

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# How do you perceive the infrastructure?

Do your tools get in the way?

Are they a joy to use?

The better experience a developer has with their tools, the more efficient and happy they'll be.



A woman with dark hair, wearing a white short-sleeved top, is speaking into a microphone on a stage. She is gesturing with her hands as she speaks. The background is dark, and the lighting is focused on her.

Lastly, ask yourself, does it spark joy? Does it make you happy? Only keep those items that do!





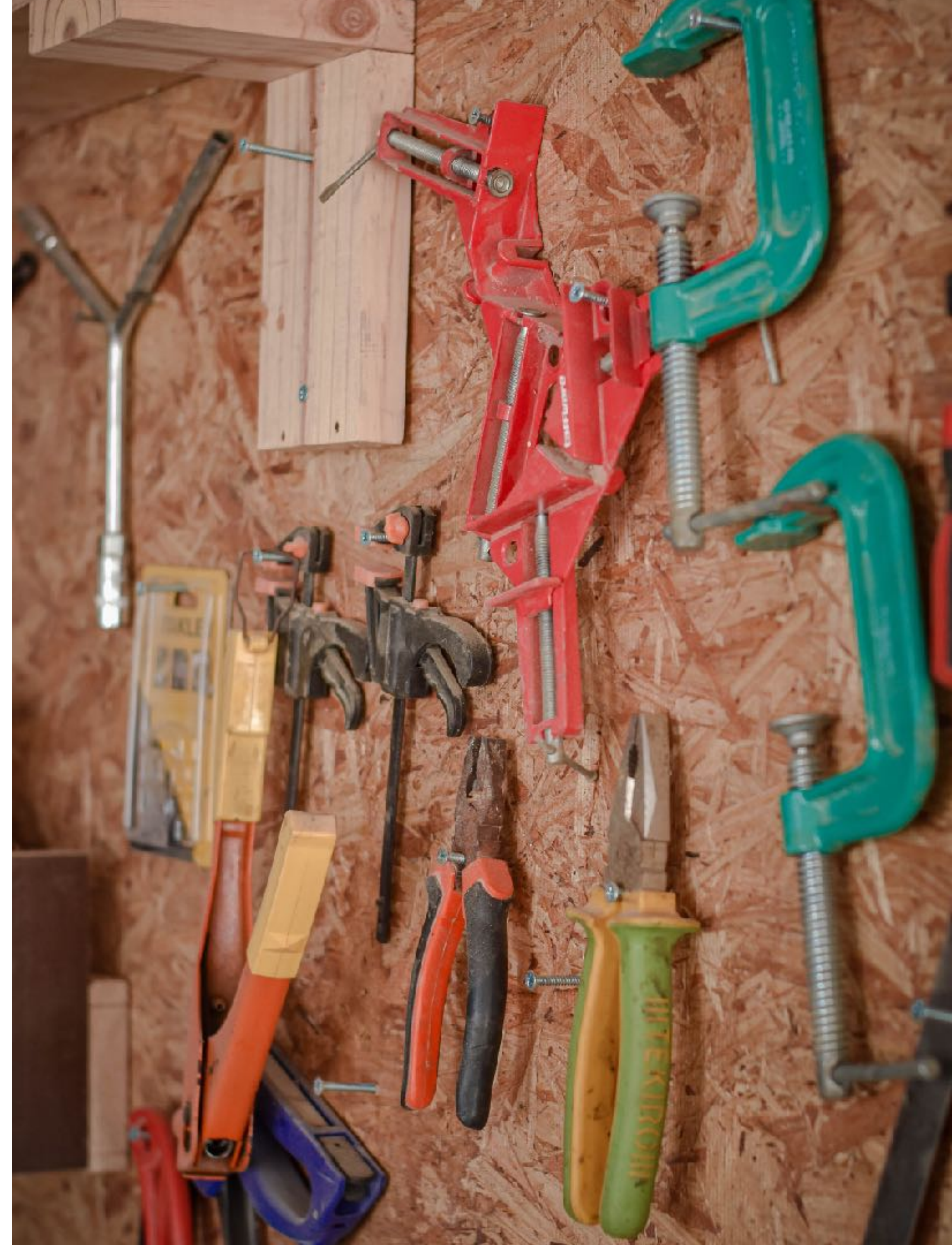
# Cool tools

## OUR FOCUS

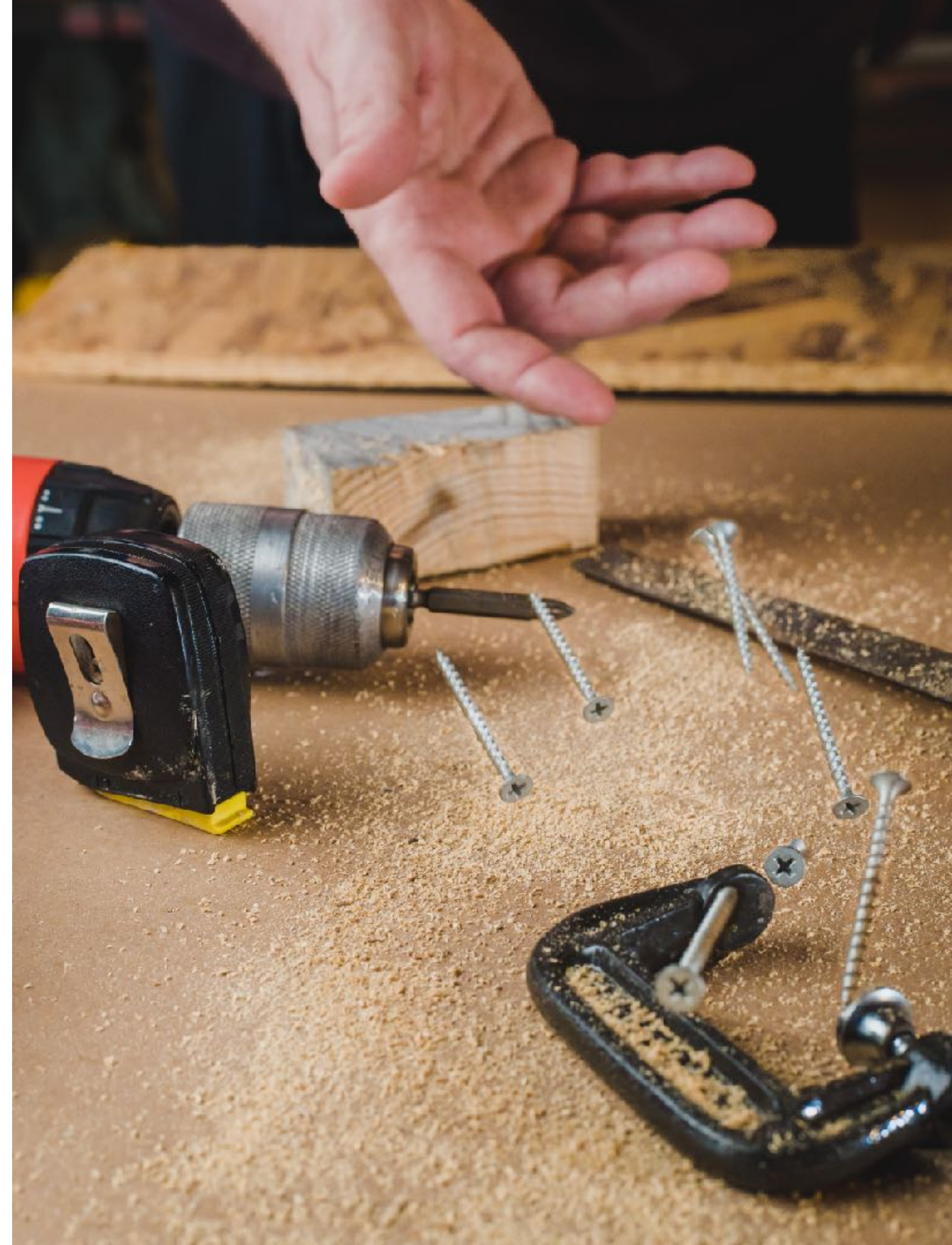
How can you create better workflows for the tools you already use?

Programming is a “team sport.” How can you share these workflows with your team?

In other words, how can you improve your DX?



**Live coding!**



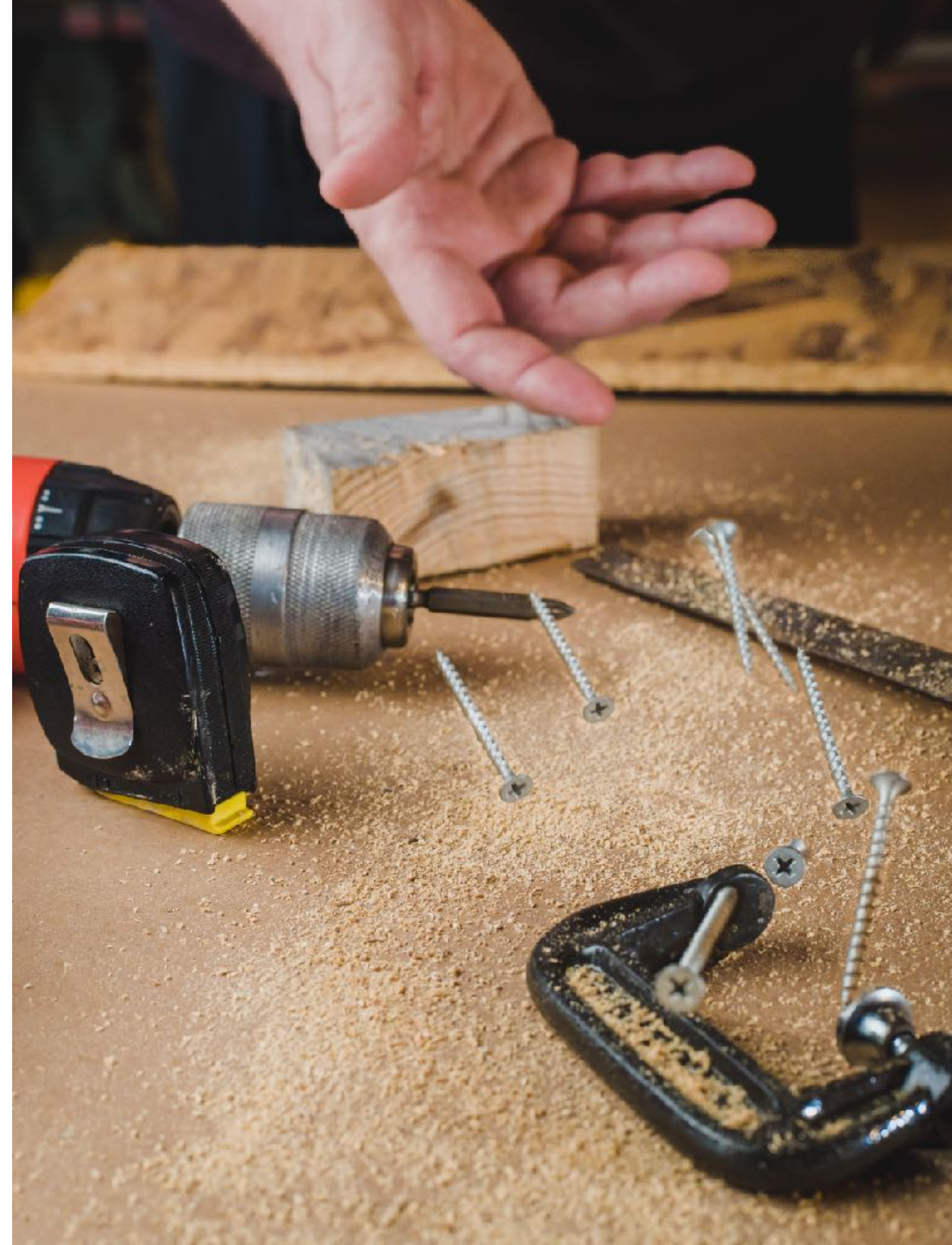
# Recap

## WE COVERED...

Using Composer scripts to stitch together workflows and share with team/contributors

Using Composer plugins to combine workflows into commands that can be shared across projects

Using CaptainHook to ensure team/contributors follow workflows seamlessly



# Learn more

Composer scripts:

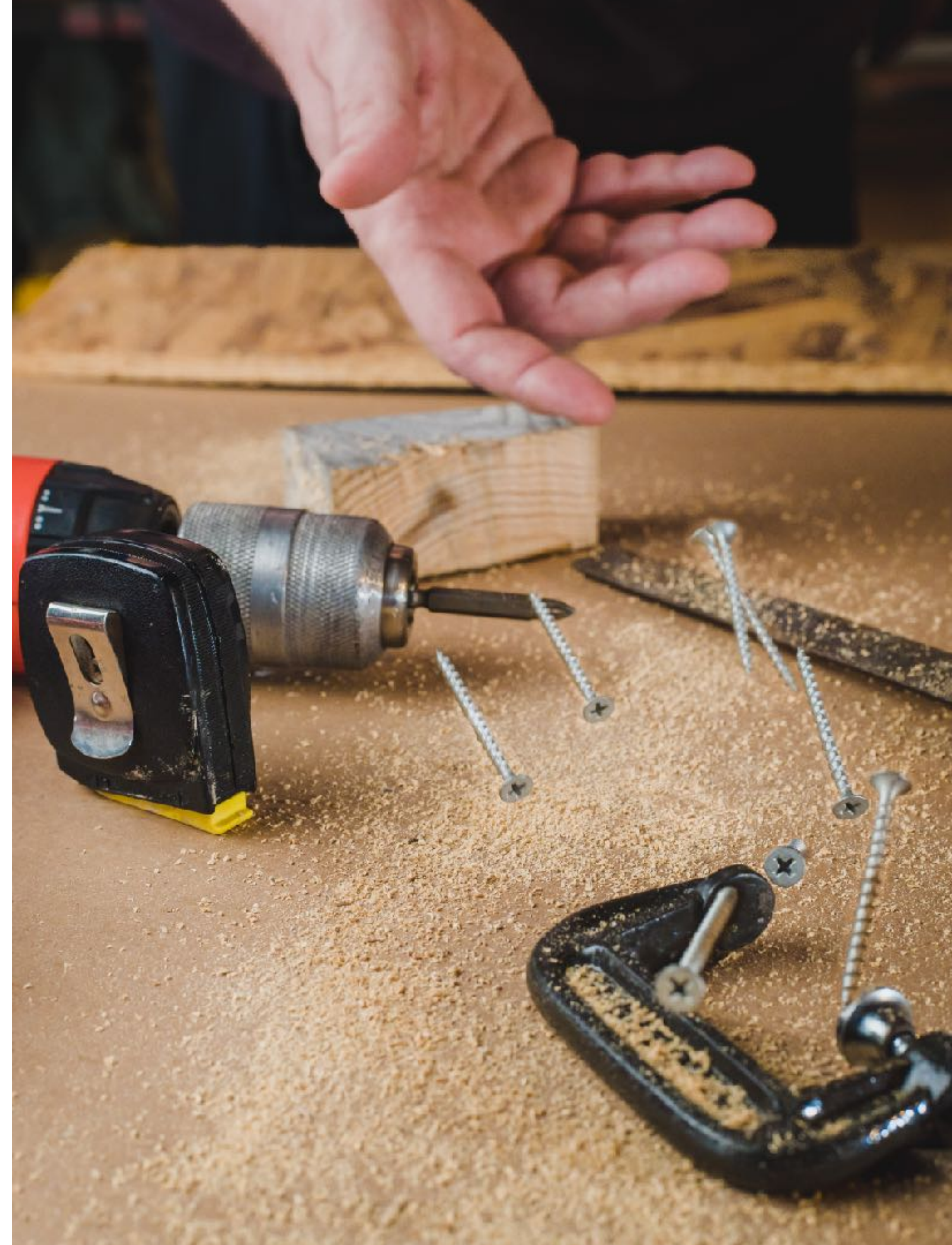
[getcomposer.org/doc/articles/scripts.md](https://getcomposer.org/doc/articles/scripts.md)

Composer plugins:

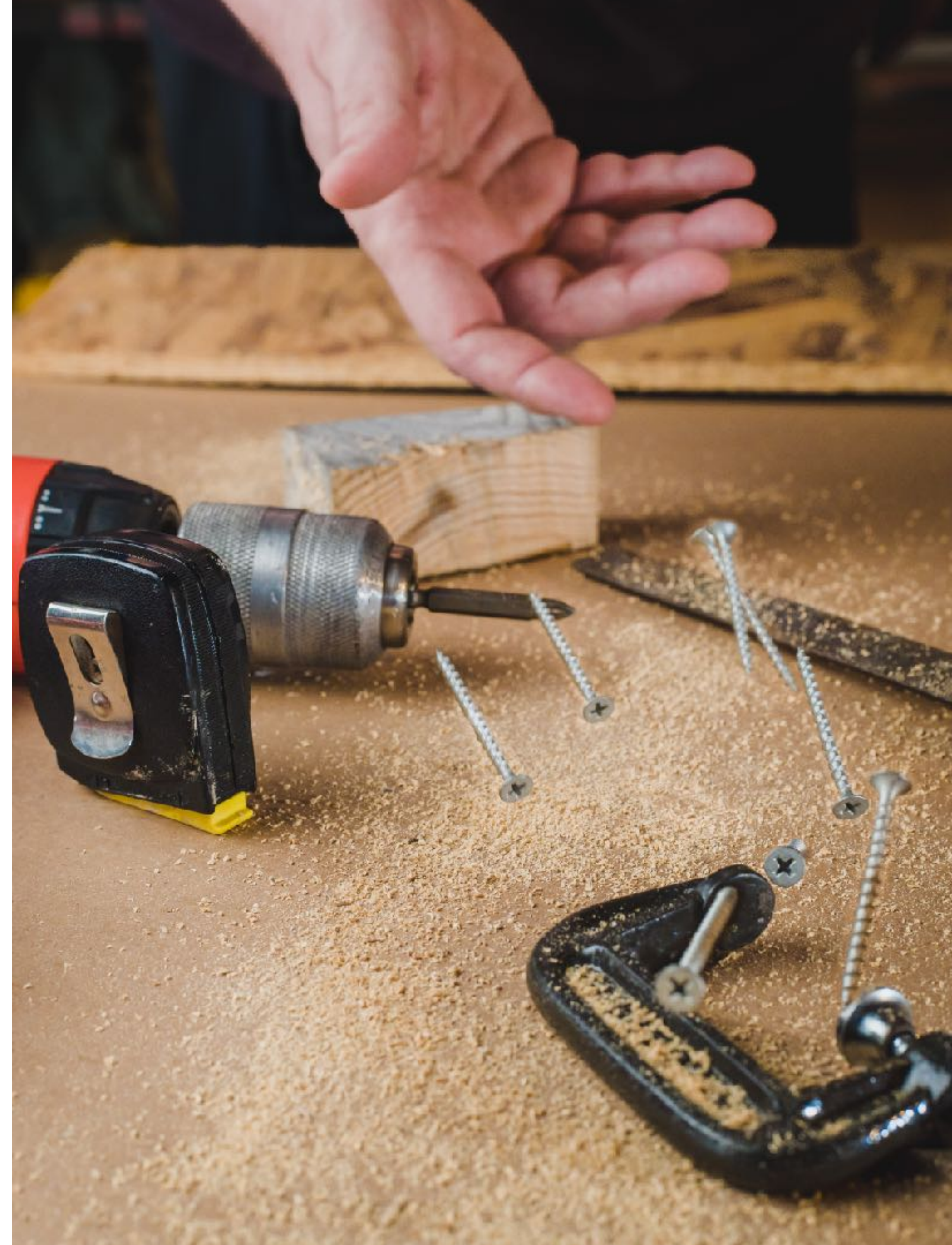
[getcomposer.org/doc/articles/plugins.md](https://getcomposer.org/doc/articles/plugins.md)

CaptainHook:

[captainhookphp.github.io/captainhook](https://captainhookphp.github.io/captainhook)



**Lots of  
cool tools!**



atoum

Behat

bitexpert/captainhook-infection

CaptainHook

Code Scrawl

Codeception

composer outdated -D

composer validate

composer-lock-diff

composer-normalize

composer-unused

ComposerRequireChecker

Danger PHP

dePHPend

Deptrac

doctrine orm:validate-schema

Dredd

Exakat

GrumPHP

Infection

laminas/automatic-releases

Lando

Latte syntax checker

madewithlove/license-checker

[mamazu/documentation-validator](#)

[Markdown Link Linter](#)

[mlocati/docker-php-extension-installer](#)

[Neon checker](#)

[Parse: A PHP Security Scanner](#)

[Pest](#)

[Phan](#)

[Phinx: Simple PHP Database Migrations](#)

[PHIVE](#)

[php -l](#)

[PHP Architecture Tester](#)

[PHP Copy/Paste Detector](#)

[PHP CS Fixer](#)

[PHP Extensions Finder](#)

[PHP Insights](#)

[PHP Magic Number Detector](#)

[PHP Mess Detector](#)

[PHP Parallel Lint](#)

[PHP Quality Assurance](#)

[PHP Security Advisories Database](#)

[PHP VarDump Check](#)

[PHPBench](#)

[PHPCompatibility](#)

[PHPCSExtra](#)

[phpDocumentor](#)

[phpDox](#)

[PHPStan](#)

[Phpsu: Synchronisation Utility](#)

[PHPUnit](#)

[PHP\\_CodeSniffer](#)

[Prettier](#)

[Psalm](#)

[ramsey/composer-install](#)

[ramsey/composer-repl](#)

[ramsey/conventional-commits](#)

[ramsey/devtools](#)

[Rector](#)

[Roave Backward Compatibility Check](#)

[Roave Security Advisories](#)

[roave/no-floaters](#)

[roave/no-leaks](#)

[roave/you-are-using-it-wrong](#)

[Robo](#)

[Slevomat Coding Standard](#)

[symfony check:security](#)

[symplify/easy-coding-standard](#)

[UpToDocs](#)



**And many more at  
[packagist.org](http://packagist.org)**

# Thanks!

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