Composer

Tomáš Markacz

What is Composer?

- Command line dependency manager for PHP projects
- Written in PHP, built by itself
- De facto standard for installation and version management of PHP libraries/tools

Project definition

- Project definition and its dependencies in composer.json file
- Schema contains 24 sections
 - Mandatory/optional
- My contribution
 - Add channel to support section (RSS feed)

```
"license": [
 "BSD-3-Clause".
 "GPL-2.0",
 "GPL-3.0"
"authors": [
   "name": "Filip Procházka"
    "homepage": "http://filip-prochazka.com",
   "email": "filip@prochazka.su"
"support": {
 "email": "filip@prochazka.su",
 "issues": "https://github.com/kdyby/doctrine/issues"
"require": {
 "php": ">=5.4",
 "nette/di": "~2.3@dev",
```

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"require": {
 "php": ">=5.4",
 "nette/di": "~2.3@dev",
```

kdyby/doctrine

Search packages...

★ composer require kdyby/doctrine

Doctrine integration into Nette Framework



github.com/Kdyby/Doctrine

Homepage

Source Issues

Installs:

Stars:

Forks:

v3.1.0

v3.0.1

2016-04-19 12:23 UTC

suggests

None

Dependents:

Suggesters:

Watchers:

Open Issues:

125 760 125

12

89

30

- dev-master / 4.0.x-dev

v3.1.1

- php: >=5.4

requires (dev)

dg/dibi: ~2.0

latte/latte: ~2.3@dev

requires nette/di: ~2.3@dev

kdyby/doctrine

Search packages...

Doctrine integration into Nette Framework



Watchers: Forks:

v3.1.0

v3.0.1

2016-04-19 12:23 UTC

github.com/Kdyby/Doctrine Homepage Source

Issues Installs: 125 760

Dependents: 125 Suggesters: 12 Stars: 89

dev-master / 4.0.x-dev

Open Issues:

v3.1.1

php: >=5.4

nette/di: ~2.3@dev

requires requires (dev)

dg/dibi: ~2.0

latte/latte: ~2.3@dev

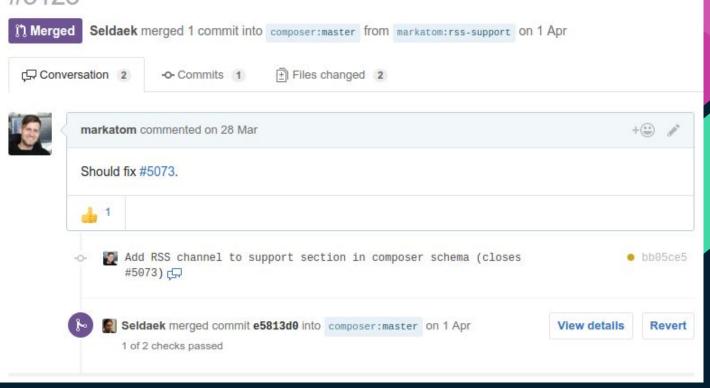
suggests

None

Process

- I picked an issue on Github
 - Searching for issues with "Easy pick" tag
- I tried to implement that feature
- Accepted by maintainer and merged into master

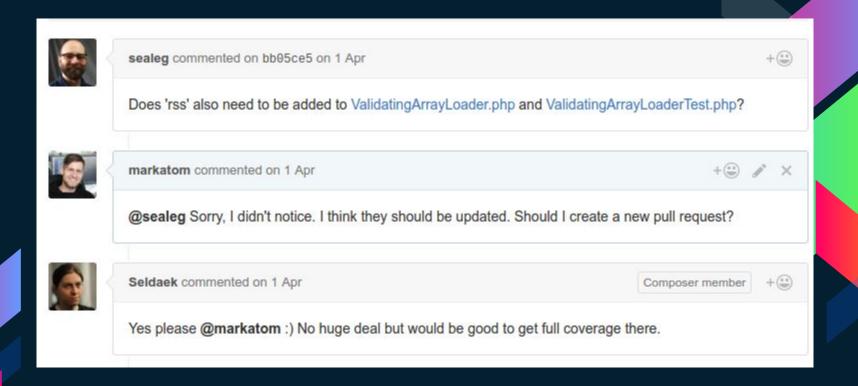
Add RSS channel to support section in composer schema #5125



Process

- > Happy end!
- Or not?

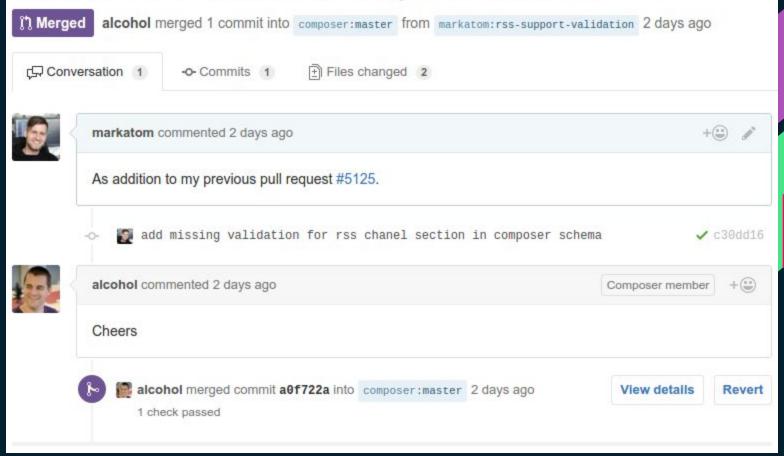




Communication

- My work wasn't complete
 - Missing update of validator class and its test
- Added in another pull request
- Accepted and merged into master later

Validate RSS channel in composer schema #5347



My contribution

- Two commits
- Two opened and accepted pull requests
- One resolved issue (feature request)

```
doc/04-schema.md
 * **irc: ** IRC channel for support, as irc://server/channel.
 * **source: ** URL to browse or download the sources.
 * **docs: ** URL to the documentation.
res/composer-schema.json
                    "type": "string",
                    "description": "URL to the documentation.",
                    "format": "uri"
        },
src/Composer/Package/Loader/ValidatingArrayLoader.php
        if ($this->validateArray('support') && !empty($this->config['support'])) {
                if (isset($this->config['support'][$key]) && !is string($this->config['support'][$key])) {
                    $this->errors[] = 'support.'.$key.' : invalid value, must be a string';
tests/Composer/Test/Package/Loader/ValidatingArrayLoaderTest.php
                        'wiki' => 'http://example.org/',
                        'source' => 'http://example.org/',
                        'irc' => 'irc://example.org/example',
                        'rss' => 'http://example.org/rss',
                    ),
```

support

Various information to get support about the project.

Support information includes the following:

- · email: Email address for support.
- · issues: URL to the issue tracker.
- · forum: URL to the forum.
- · wiki: URL to the wiki.
- irc: IRC channel for support, as irc://server/channel.
- · source: URL to browse or download the sources.
- docs: URL to the documentation.
- · rss: URL to the RSS feed.

An example:

```
{
    "support": {
        "email": "support@example.org",
        "irc": "irc://irc.freenode.org/composer"
}
```

Optional.

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Optional.

Evaluation

- Relatively easy contribution
- New experience
 - Communication with maintainers
- My work is a part of the very first official release! (version 1.0.0)
 - After 11 alphas, 2 betas, 1 RC
 (5 years of development until first stable version)



Thank you for your attention