



# Composer

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# 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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  "nette/di": "~2.3@dev",
```

Search packages...

# kdyby/doctrine

`composer require kdyby/doctrine`

*Doctrine integration into Nette Framework*



[github.com/Kdyby/Doctrine](https://github.com/Kdyby/Doctrine)

[Homepage](#)

[Source](#)

[Issues](#)

Installs: 125 760

Dependents: 125

Suggesters: 12

Stars: 89

Watchers: 30

Forks: 59

Open Issues: 47

v3.1.1

2016-04-19 12:23 UTC

### requires

- `php`: >=5.4
- `nette/di`: ~2.3@dev

### requires (dev)

- `dg/dibi`: ~2.0
- `latte/latte`: ~2.3@dev

### suggests

None

dev-master / 4.0.x-dev

v3.1.1

v3.1.0

v3.0.1

v2.0.0

# kdyby/doctrine

```
composer require kdyby/doctrine
```

*Doctrine integration into Nette Framework*



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## requires

- php: >=5.4
- nette/di: ~2.3@dev

## requires (dev)

- dg/dibi: ~2.0
- latte/latte: ~2.3@dev

## suggests

None

dev-master / 4.0.x-dev

v3.1.1

v3.1.0

v3.0.1

v2.0.0

# 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

 **Merged** Seldaek merged 1 commit into `composer:master` from `markatom:rss-support` on 1 Apr

 Conversation 2

 Commits 1

 Files changed 2



markatom commented on 28 Mar




Should fix #5073.



1



Add RSS channel to support section in composer schema (closes #5073) 

 bb05ce5



Seldaek merged commit `e5813d0` into `composer:master` on 1 Apr

1 of 2 checks passed

[View details](#)

[Revert](#)

# Process

- › Happy end!
- › Or not?



**sealeg** commented on bb05ce5 on 1 Apr



Does 'rss' also need to be added to [ValidatingArrayLoader.php](#) and [ValidatingArrayLoaderTest.php](#)?



**markatom** commented on 1 Apr



**@sealeg** Sorry, I didn't notice. I think they should be updated. Should I create a new pull request?



**Seldaek** commented on 1 Apr

Composer member



Yes please **@markatom** :) No huge deal but would be good to get full coverage there.

# 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



Merged

alcohol merged 1 commit into `composer:master` from `markatom:rss-support-validation` 2 days ago



Conversation 1



Commits 1



Files changed 2



markatom commented 2 days ago



As addition to my previous pull request #5125.



add missing validation for rss chanel section in composer schema

✓ c30dd16



alcohol commented 2 days ago

Composer member



Cheers



alcohol merged commit `a0f722a` into `composer:master` 2 days ago

1 check passed

[View details](#)

[Revert](#)

# 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.  
+* **rss:** URL to the RSS feed.
```

```
res/composer-schema.json
```

```
    "type": "string",  
    "description": "URL to the documentation.",  
    "format": "uri"  
+    },  
+    "rss": {  
+        "type": "string",  
+        "description": "URL to the RSS feed.",  
+        "format": "uri"  
+    }  
    }  
},
```

```
src/Composer/Package/Loader/ValidatingArrayLoader.php
```

```
    if ($this->validateArray('support') && !empty($this->config['support'])) {  
-        foreach (array('issues', 'forum', 'wiki', 'source', 'email', 'irc', 'docs') as $key) {  
+        foreach (array('issues', 'forum', 'wiki', 'source', 'email', 'irc', 'docs', 'rss') as $key) {  
            if (isset($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.



## support #

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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**

