

Z NETTE DO SYMPHONY EKOSYSTÉMU

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MOTIVACE

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- převzetí projektu v Nette

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- záleží na frameworku?

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- převzetí projektu v Nette
- záleží na frameworku?
- nechat × přepsat × spojit

ZÁLEŽÍ NA FRAMEWORKU?

- Patrik Votoček - Nette vs Symfony (4. 11. 2016)

Je nějaký rozdíl jestli jedu na Nette nebo Symfony? Já si myslím, že úplně ne, protože ta entita bude ...

EKOSYSTÉM

Oblast	Nette	Symfony
Model	Kdyby	Doctrine
Šablony	Latte	Twig
Ladění	Tracy	Profiler
Assety	?	Encore
Testy	Tester	PHPUnit, Behat

...

PŘEVZETÍ PROJEKTU

- standardy (PSR, PHPStan, PHP CS Fixer, ...)
- composer update
- redesign
- nová funkčnost

ROBOT LOADER

Do toho robota! -- Jolanda

- nikdy více, použijte composer a PSR-4
- neskutečný zmatek v adresářích
- ```
- $configurator->createRobotLoader()
- ->addDirectory(__DIR__)
- ->register()
-;
```
- Add support to fix legacy PHP apps to PSR-4  
Composer Autoload

# NETTE OBJECT

- nefunguje na PHP 7.2

```
use Nette\SmartObject;
```

- dobré jen pro striktnost, dále magie
- zneužívání kvůli Latte
- nejednotnost v kódu (`$object->name` vs `$object->getName()`)

- ```
-class MyClass extends Object
+class MyClass
```

Z LATTE DO TWIGU

```
{% extends 'layout.html.twig' %}

{% block body %}
<ul class="attachment-list" t:snippet="attachments">
  <li t:for="attachment in attachments" t:class="attachment.id == selected ? active">
    {% if attachment.id == selected %}
      <span><a t:href=":Front:Attachement:">{{ attachment.name }}</a></li></span>
    {% else %}
      <a class="ajax" href="{{ link('select!', [attachment.id]) }}">{{ attachment.name }}
    {% endif %}
  </li>
</ul>

{{ control('blocks-topNav') }}

<div class="prices-item prices-item-form">
  <span class="unit">
    <form t:name="calculatorForm" class="ajax">
      <input t:name="units" value="{{ units_count }}"> {% trans %}ks{% endtrans %}
      <input t:name="submit" class="hidden" value="Spočítej">
    </form>
  </span>
  {% snippet %}
  <span class="price">
    {% if price %}
      <strong>{{ price.withVat|priceFormat }}</strong>/{% trans %}ks{% endtrans %}
    {% else %}
      <strong>{% trans %}0&nbsp;Kč{% endtrans %}</strong>/{% trans %}ks{% endtrans %}
    {% endif %}
  </span>
</div>
```

```
{% endsnippet %}  
</div>  
{% endblock %}
```

Z LATTE DO TWIGU

- [Twig](#) + [Twital](#) + LatteExtension, NetteExtension, FormExtension, SnippetExtension
- explicitní (extends)
- šablony na jednom místě
- loader je definován na jednom místě
- [arachne/twig](#) 14. 12. 2017
- **Zakomponováno do Nette přes vlastní DI extensi**

ASSET

```
<?php
namespace App\Config;

use Nette\DI\CompilerExtension;
use Symfony\Component\Asset\Packages;
use Symfony\Component\Asset\PathPackage;
use Symfony\Component\Asset\UrlPackage;
use Symfony\Component\Asset\VersionStrategy\JsonManifestVersionStrategy;

final class AssetExtension extends CompilerExtension
{
    public $defaults = [
        'base_path' => null,
        'base_urls' => [],
        'version' => null,
        'version_format' => null,
        'json_manifest_path' => null,
        'packages' => []
    ];

    public function loadConfiguration(): void
    {
        // ...
    }
}
```

- Zakomponováno do Nette přes vlastní DI extensi

EVENTY

- [kdyby/events](#) × [contributte/event-dispatcher-extra](#)

CONSOLE

- [kdyby/console](#) × [contributte/console](#)

Z KDYBY DO DOCTRINE

- kdyby × [nettrine](#) (Milan Felix Šulc)
- migrace (zenify × nettrine)
- doctrine filtry?
- Zase si psát vlastní DI extensi, když v Symfony je vše připraveno?

ZÁLEŽÍ NA FRAMEWORKU?

- Kolik lidí je potřeba k vytvoření jedné komunity?
- OOP a Dependency Injection
- How to Use Symfony Bundles in Nette Without Rewriting
- <https://github.com/DeprecatedPackages/NetteAdapter>
(DEPRECATED due to only 20 downloads per 2 years, 2020)

SYMFONETTE

- [Symfonette](#)
- vyhodili jsme vlastní Nette DI extense, kdyby a trochu i contributte :)
- `composer require symfony/twig-bundle doctrine/doctrine-bundle symfony/web-profiler-bundle ...`

SYMFONETTE

```
extensions:
    symfony: Symfonette\DependencyInjectionIntegration\DI\SymfonyExtension(%appDir%/.., %debugMod

symfony:
    extensions:
        - Symfonette\TracyIntegration\DependencyInjection\TracyExtension
    bundles:
        - Symfony\Bundle\FrameworkBundle\FrameworkBundle
        - Doctrine\Bundle\DoctrineBundle\DoctrineBundle
        - Doctrine\Bundle\MigrationsBundle\DoctrineMigrationsBundle
        - Symfony\Bundle\TwigBundle\TwigBundle
        - Goetas\TwitalBundle\GoetasTwitalBundle
        - Symfony\Bundle\WebProfilerBundle\WebProfilerBundle

nette_to_symfony:
    services:
        router: false

symfony_to_nette:
    services:
        router: router.symfony
```

CONTRIBUTTE

- [contributte/event-dispatcher-extra](#)

```
ApplicationEvents::ON_REQUEST => KernelEvents::REQUEST,  
ApplicationEvents::ON_RESPONSE => KernelEvents::RESPONSE,  
ApplicationEvents::ON_SHUTDOWN => KernelEvents::TERMINATE,
```

- [contributte/psr7-http-message](#) PSR-7 (HTTP Message Interface) to Nette Framework

```
public function onRequest(RequestEvent $event, $name, EventDispatcherInterface $dispatcher):  
{  
    $psr7 = \Contributte\Psr7\Psr7ServerRequestFactory::fromNette(\Nette\Http\IRequest);  
    $psr7 = $psr7->withApplicationRequest(\Nette\Application\Request);  
  
    $factory = new \Symfony\Bridge\PsrHttpMessage\Factory\HttpFoundationFactory();  
    $request = $factory->createRequest($psr7);  
  
    $symfonyEvent = new GetResponseEvent($this->kernel, $request, HttpKernel::MASTER_REQUEST);  
    $dispatcher->dispatch(KernelEvents::REQUEST, $symfonyEvent);  
}
```


		<pre>"724c0ad7-8440-4bfc-936b-46a340c91acd"]</pre> View formatted query View runnable query
8	1.00 ms	<pre>SELECT c0_.name AS name_0, c0_.slug AS slug_1, c0_.lead AS lead_2, c0_.parentId AS parentId_3, c0_.pictogram AS pictogram_4, c0_.position AS position_5, c0_.vi Parameters: [▼ "724c0ad7-8440-4bfc-936b-46a340c91acd"]</pre> View formatted query View runnable query
9	0.62 ms	<pre>SELECT t0.visibilityGroupId AS visibilityGroupId_1, t0.id AS id_2 FROM catalog_user t0 WHERE t0.id = ? Parameters: [▼ "a781e673-6ff5-4f46-990c-0edf0e038514"]</pre> View formatted query View runnable query
10	1.29 ms	<pre>SELECT c0_.code AS code_0, c0_.name AS name_1, c0_.slug AS slug_2, c0_.categoryId AS categoryId_3, c0_.type AS type_4, c0_.lead AS lead_5, c0_.description AS c Parameters: [▼ null [▼ "fd6e0abe-3094-4d0a-b506-aeb159d6836a"]]</pre> View formatted query View runnable query
11	0.62 ms	<pre>SELECT t0.priceLevelApiCode AS priceLevelApiCode_1, t0.id AS id_2 FROM purchase_user t0 WHERE t0.id = ? Parameters: [▼ "a781e673-6ff5-4f46-990c-0edf0e038514"]</pre> View formatted query View runnable query
12	0.64 ms	<pre>SELECT p0_.freeShipping AS freeShipping_0, p0_.type AS type_1, p0_.vat AS vat_2, p0_.attachmentBaseId AS attachmentBaseId_3, p0_.active AS active_4, p0_.id AS Parameters: [▼ []]</pre> View formatted query View runnable query
13	0.83 ms	<pre>SELECT t0.active AS active_1, t0.name AS name_2, t0.file AS file_3, t0.url AS url_4, t0.visibleSince AS visibleSince_5, t0.visibleUntil AS visibleUntil_6, t0.p Parameters: [▼ 1 "724c0ad7-8440-4bfc-936b-46a340c91acd"]</pre> View formatted query View runnable query
14	0.53 ms	<pre>SELECT t0.apiId AS apiId_1, t0.id AS id_2 FROM lane_changer_user t0 WHERE t0.id = ?</pre>