

BeerPHP SPB Meetup #1

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Переписывая легаси

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Поговорим

- Что было
- Что есть
- Что должно быть
- Что получилось
- Что получится ещё

Что было

Что было

Кто не написал CMS, тот не жил...

Что было

- Модули
- Менеджер модулей
- Мультиязычность
- WYSIWYG
- CRUD-экшены
- Компонент категорий
- Всё конфигурируется
- Конфигурация в админке
- Темы и скины

Что есть до начала

- CMS
- Код 2013 года
- Yii 1.1.17
- PHP 5.6
- ~1000 PHP-файлов

Что должно быть

- Кастомный сайт
- Composer
- PHP 7.4
- DIC
- Обновления
- Code Style
- Тесты
- Pipeline

PHP

- PHP 5.2
- PHP 5.6
- PHP 7.1
- PHP 7.2
- PHP 7.4

Стратегии

- Революционная
- Эволюционная

Стратегии

Взять и переписать:

- Symfony
- Zend Expressive
- Yii2

Стратегии

- **Эволюционная**

Начинаем

Индексируем

- themes
- images
- favicon.ico
- robots.txt
- google12345.html
- config/common-site.php
- extensions

Реструктурируем

- bin
- config
- public
- src
- tests
- var

Composer

- `composer require yiisoft/yii:1.1.17`
- `composer require --dev phpunit/phpunit:"5.*"`
- `require __DIR__ . '/../vendor/autoload.php'`

Локальное окружение

- `docker-compose.yml`

Конфигурация

- `'username' => getenv('DB_USERNAME')`
- `(new DotEnv())->load('.env');`
- Удаляем `config/*-local.php`

Чтобы не сломать

- PHPLinter
- PHPUnit

Pipeline

1. make init
2. make lint
3. make test
4. make down
5. make deploy

Pipeline

1. `init`
`docker-compose up`
`docker-compose run php-cli composer install`
`docker-compose run php-cli composer app migrate`
`docker-compose run php-cli composer app-test migrate`
2. `lint`
`docker-compose run php-cli composer phplint`
`docker-compose run php-cli composer phpcs`
3. `test`
`docker-compose run php-cli composer test`
4. `down`
`docker-compose down -v --remove-orphans`
5. `deploy`
`ssh ${HOST} 'cd ${PATH} && git fetch --force origin "master:re..."`
`ssh ${HOST} 'cd ${PATH} && git reset --hard ${REVISION}'`
`ssh ${HOST} 'cd ${PATH} && composer install --no-dev -o'`
`ssh ${HOST} 'cd ${PATH} && php bin/yiic migrate --interactive=0'`
`ssh ${HOST} 'cd ${PATH} && rm -rf var/cache/*'`

Приступим

~100500 файлов

```
ElisDN:elisdn elisdn$ ls protected/modules
```

admin	colorbox	gallery	new	review	tinymce
attribute	comment	graduate	newsgallery	rubricator	ulogin
block	config	install	page	search	uploader
blog	contact	interest	personnel	share	user
callme	crud	main	phpbb	shop	userphoto
category	file	menu	portfolio	sitemap	
coinslider	follow	module	recipe	slideshow	

```
ElisDN:elisdn elisdn$ ls protected/extensions
```

JMSyntaxHighlighter	email	image	multilingual
cachetagging	feed	mailer	robokassa
db_profiler	file	migrate	yii-debug-toolbar

Чистка

- Лишние модули
- Лишние таблицы
- Лишние компоненты
- Лишние представления
- WYSIWYG
- Лишние ресурсы
- IE6 хаки (PIE.htc, placeholder)
- Google Plus

Чистка

- Мультиязычность
- Менеджер модулей
- Динамические шаблоны
- Динамическая конфигурация
- Themes & Skins
- Статические блоки

~600 файлов

Причёсываем код

- Deprecated
- PHP CodeSniffer
- PhpStorm Inspections

Обновляем фреймворк

- 1.1.12 => 1.1.23

Обновляем фреймворк

- 1.1.12 => 1.1.17 **OK**
- 1.1.17 => 1.1.18 **???**
- 1.1.18 => 1.1.23 **OK?**

```
class BlogProcessingTest extends DbTestCase
```

```
{
```

```
    public function testText()
```

```
    {
```

```
        $source = <<<END
```

```
~~~~
```

```
[php]
```

```
interface A extends B { }
```

```
~~~~
```

```
END;
```

```
...
```

```
}
```

```
}
```

```
class BlogProcessingTest extends DbTestCase
```

```
{
```

```
    public function testText()
```

```
    {
```

```
        $expected = <<<END
```

```
<div class="hl-code"><div class="php-hl-main"><pre><span
```

```
class="php-hl-reserved">interface</span> <span
```

```
class="php-hl-identifier">A</span> <span
```

```
class="php-hl-reserved">extends</span> <span
```

```
class="php-hl-identifier">B</span> <span class="php-hl-brackets">{</span>
```

```
<span class="php-hl-brackets">}</span></pre></div></div>
```

```
END;
```

```
    }
```

```
}
```

```
class BlogProcessingTest extends DbTestCase
{
  public function testText()
  {
    $post = BlogPost::model()->findByPk(1);

    $source = <<<END .... END;
    $expected = <<<END .... END;

    $post->text = $source;

    self::assertTrue($post->save());
    self::assertEquals($expected, $post->text_purified);
  }
}
```


4 framework/vendors/TextHighlighter/Text/Highlighter/PHP.php

⌕

@@ -46,7 +46,7 @@ function __construct(\$options=array())

46 46

47 47

\$this->_options = \$options;

48 48

\$this->_regs = array (

49 -

-1 => '/((?i)(\\<\\?(php|=)?))/',

49 +

-1 => '/((?i)\\<\\?(php|=)?)/',

50 50

0 => '/((?i)\\{)|(?(i)\\(|((?i)\\[)|(?(i)\\/\\|*)|((?i)"|((?i)`

51 51

1 => '/((?i)\\{)|(?(i)\\(|((?i)\\[)|(?(i)\\/\\|*)|((?i)"|((?i)`

52 52

2 => '/((?i)\\{)|(?(i)\\(|((?i)\\[)|(?(i)\\/\\|*)|((?i)"|((?i)`

⌕

@@ -62,7 +62,7 @@ function __construct(\$options=array())

```
class DPurifyTextBehavior extends CActiveRecordBehavior
{
    public function markdownText($text)
    {
        $md = new CMarkdownParser();
        return $md->transform($text);
    }
}
```

```
class DPurifyTextBehavior extends CActiveRecordBehavior
{
    public function markdownText($text) {
        $pre = preg_replace(
            '#(~~~[\r\n]+\[php\][\r\n]+)#', '$1<?php' . PHP_EOL, $text
        );
        $md = new CMarkdownParser();
        $transform = $md->transform($pre);
        return str_replace(
            '<pre><span class="php-hl-inlinetags">&lt;?php</span>' . PHP_EOL,
            '<pre>',
            $transform
        );
    }
}
```

Повышаем PHP

- Deprecated
- Меняем eval на function
- bcrypt
- Type Hints

Повышаем РНР

- password_hash
- Перехэширование паролей

JS

- Обновление jQuery
- Обновление jQuery плагинов (Colorbox)
- Удаление SWFObject
- Удаление лишних jQuery плагинов
- Inlined config values
- Вынос assets
- WebPack split & minify

Google Page Speed

- WebP для изображений
- Observer API для ленивой подгрузки
- Sprites
- uLogin по onscroll
- Удаление JS-сокрытия ссылок
- Переписывание на Vanilla JS
- POS_END + async
- Отключение зависимости jQuery



https://elisdn.ru/

АНАЛИЗИРОВАТЬ



ДЛЯ МОБИЛЬНЫХ



ДЛЯ КОМПЬЮТЕРОВ



https://elisdn.ru/



0-49



50-89



90-100



Namespaces

1. Classmap Autoloading
2. Добавляем Namespaces
 - Module
 - Controller
 - Components
 - Widgets
 - ...
3. PSR-4 Autoloading
4. Удаляем префиксы

Moved comments script	10/07/2019 04:09 PM
Added site JS to package	10/07/2019 04:08 PM
Changed default script position	10/07/2019 04:05 PM
Fixed comments markup	10/07/2019 04:00 PM
Moved share script	10/07/2019 03:55 PM
Moved ulogin script	10/07/2019 03:45 PM
Moved tag cloud script	10/07/2019 03:35 PM
Fixed tag cloud markup	10/07/2019 03:30 PM
Moved follow script	10/07/2019 03:26 PM
Rehashed old password hashes	10/07/2019 03:06 PM
Improved password hashing	10/07/2019 01:51 PM
Merged user entity classes	10/07/2019 01:40 PM
Fixed user profile editing	10/07/2019 01:40 PM
Moved admin tags asset	10/07/2019 01:14 PM
Removed array helper	10/07/2019 01:10 PM
Removed url redirect action	10/07/2019 01:07 PM
Removed unused code	10/07/2019 01:01 PM
Renamed model classes	10/07/2019 01:01 PM
Moved forms	10/07/2019 12:55 PM
Renamed migrations table	10/07/2019 12:33 PM
Renamed tables	10/07/2019 12:16 PM
Removed unused comments	10/07/2019 12:14 PM
Moved pages layouts to constants	10/07/2019 11:49 AM
Removed user pages access	10/07/2019 11:05 AM
Removed unused table	10/07/2019 10:45 AM

Removed unused mailer	10/06/2019 05:43 PM
Merged admin bar links	10/06/2019 05:40 PM
Fixed ids comparisons	10/06/2019 05:36 PM
Removed unused files	10/06/2019 05:27 PM
Removed unused code	10/06/2019 05:20 PM
Fixed calendar	10/06/2019 05:15 PM
Moved test	10/06/2019 05:01 PM
Moved auth manager	10/06/2019 04:53 PM
Refactored table input action	10/06/2019 04:43 PM
Removed flash session behavior	10/06/2019 04:26 PM
Fixed codestyle	10/06/2019 04:08 PM
Moved IXR extension	10/06/2019 04:02 PM
Removed unused assets	10/06/2019 04:01 PM
Renamed image module	10/06/2019 03:59 PM
Moved uploader components	10/06/2019 03:58 PM
Renamed comments classes	10/06/2019 03:52 PM
Moved multicomplete extension	10/06/2019 03:49 PM
Splitted IRX classes	10/06/2019 03:46 PM
Moved share widget	10/06/2019 03:34 PM
Moved follow widget	10/06/2019 03:33 PM
Moved category classes	10/06/2019 03:31 PM
Moved colorbox widget	10/06/2019 03:28 PM
Fixed image replacement	10/06/2019 03:23 PM
Reverted src replacement	10/06/2019 03:21 PM
Removed unused last posts tem...	10/06/2019 03:20 PM

Подстраховка

- PHP Lint
- PHP CodeSniffer
- Sentry



ElisDN ▾
Dmitry Eliseev



Projects



Issues



Events



Releases



User Feedback



Discover



Activity



Stats



Settings

yii\web\BadRequestHttpException

Unable to verify your data submission.

/home/elisdn/htdocs/www/vendor/yiisoft/yii2/web/Controller.php in yii\web\Controller::beforeAction at line 187

```
182.     */
183.     public function beforeAction($action)
184.     {
185.         if (parent::beforeAction($action)) {
186.             if ($this->enableCsrfValidation && Yii::$app->getErrorHandler()->exception === null &&
187.                 !Yii::$app->getRequest()->validateCsrfToken()) {
188.                 throw new BadRequestHttpException(Yii::t('yii', 'Unable to verify your data
189.                 submission.'));
190.             }
191.             return true;
192.         }
```

/home/elisdn/htdocs/www/src/components/Controller.php in app\components\Controller::beforeAction at line 17

```
class SentryBehavior extends CBehavior
{
    public function events(): array
    {
        return ['onException' => 'onException'];
    }

    public function onException(CExceptionEvent $event): void
    {
        \Sentry\captureException($event->exception);
    }
}
```

```
class SentryBehavior extends CBehavior
{
    public function events(): array {
        return ['onException' => 'onException'];
    }
    public function onException(CExceptionEvent $event): void {
        if ($event->exception instanceof CHttpException &&
            in_array($event->exception->getCode(), [404, 403], true)
        ) {
            return;
        }
        captureException($event->exception);
    }
}
```

```
if ($dsn = getenv('SENTRY_DSN')) {  
    Sentry\init(['dsn' => $dsn]);  
}
```

```
$app = Yii::createWebApplication($config);  
if (!getenv('APP_DEBUG')) {  
    $app->attachBehavior('Sentry', SentryBehavior::class);  
}  
$app->run();
```

```
if ($dsn = getenv('SENTRY_DSN')) {  
    Sentry\init(['dsn' => $dsn]);  
}
```

```
$app = Yii::createWebApplication($config);  
$app->attachBehavior('Sentry', new SentryBehavior(  
    !getenv('APP_DEBUG')  
));  
$app->run();
```


Что сделали

- Проиндексировали
- Локальный Docker
- Структура директорий
- Чистка PHP, CSS и JS
- Composer
- Обновление фреймворка
- Смена компонентов (Feed)
- Namespace
- PHP 7
- WebPack
- Vanilla JS
- Deprecated
- Type Hints
- Линтеры
- Sentry

Что дальше

1. Установить Yii2
2. Установить Codeception
3. Добавить приёмочные тесты
4. Переносить код

Yii2

- `composer require yiisoft/yii2`
- `Yii1 + Yii2 = Yii.php`
- `$app = Yii::createWebApplication(config/web.php);`
`$app-run();`
- `new yii\web\Application(config/v2/web.php);`
- `Yii::app()->db + Yii::$app->db`

Yii2

- SentryErrorHandler

Codeception

- Fixtures
- Acceptance Tests

```
namespace tests\acceptance;
```

```
use tests\AcceptanceTester;
```

```
class HomeCest
```

```
{
```

```
    public function success(AcceptanceTester $I): void
```

```
{
```

```
    $I->amOnPage("");
```

```
    $I->see('Дмитрий Елисеев', 'h1');
```

```
    $I->see('Новое в Блоге');
```

```
    $I->dontSeeElement('.adminbar');
```

```
}
```

```
}
```

```
class LoginCest
```

```
{
```

```
    // phpcs:disable
```

```
    // PSR2.Method Declarations.Underscore
```

```
    public function _before(AcceptanceTester $I): void
```

```
{
```

```
        $I->haveFixtures([
```

```
            'user' => UserFixture::class,
```

```
        ]);
```

```
}
```

```
    ...
```

```
}
```

```
public function user(AcceptanceTester $I): void
{
    $I->amOnPage('login');
    $I->see('Вход в аккаунт', 'h1');
    $I->seeElement('#login-form');

    $I->fillField('LoginForm[username]', 'user');
    $I->fillField('LoginForm[password]', 'password');
    $I->click('Вход в учётную запись', '#login-form');

    $I->see('Новое в Блоге');
    $I->seeLink('Профиль', '/profile');
    $I->dontSeeElement('.adminbar');
}
```



```
public function admin(AcceptanceTester $I): void
{
    $I->amOnPage('login');
    $I->see('Вход в аккаунт', 'h1');
    $I->seeElement('#login-form');

    $I->fillField('LoginForm[username]', 'admin');
    $I->fillField('LoginForm[password]', 'password');
    $I->click('Вход в учётную запись', '#login-form');

    $I->see('Новое в Блоге');
    $I->seeLink('Профиль', '/profile');
    $I->seeElement('.adminbar');
}
```

```
public function unconfirmed(AcceptanceTester $I): void
{
    $I->amOnPage('login');
    $I->seeElement('#login-form');

    $I->fillField('LoginForm[username]', 'confirm');
    $I->fillField('LoginForm[password]', 'password');
    $I->click('Вход в учётную запись', '#login-form');

    $I->see('Некорректное имя пользователя или пароль.');
```

```
public function wrong(AcceptanceTester $I): void
{
    $I->amOnPage('login');
    $I->seeElement('#login-form');

    $I->fillField('LoginForm[username]', 'admin');
    $I->fillField('LoginForm[password]', 'wrong');
    $I->click('Вход в учётную запись', '#login-form');

    $I->see('Некорректное имя пользователя или пароль.');
}
```

```
class RegistrationCest
```

```
{
```

```
    public function success(AcceptanceTester $I): void {
```

```
        $I->amOnPage('registration');
```

```
        $I->seeElement('#register-form');
```

```
        $I->fillField('RegistrationForm[username]', 'new-user');
```

```
        $I->fillField('RegistrationForm[email]', 'new-user@app.test');
```

```
        // ... password, captcha
```

```
        $I->click('Зарегистрироваться', '#register-form');
```

```
        $I->see('Подтвердите регистрацию по ссылке...', '.flash-success');
```

```
        $I->seeEmailSentTo('new-user@app.test');
```

```
    }
```

```
}
```

```
class RegistrationCest
```

```
{
```

```
    public function empty(AcceptanceTester $I): void {
```

```
        $I->amOnPage('registration');
```

```
        $I->seeElement('#register-form');
```

```
        $I->click('Зарегистрироваться', '#register-form');
```

```
        $I->see('Необходимо заполнить поле «Логин».', '.errorMessage');
```

```
        $I->see('Необходимо заполнить поле «Email».', '.errorMessage');
```

```
        $I->see('Необходимо заполнить поле «Пароль».', '.errorMessage');
```

```
        $I->see('Необходимо заполнить поле «Код проверки».', '.errorMessage');
```

```
    }
```

```
}
```

public function notValid(AcceptanceTester \$I): void {

\$I->amOnPage('registration');

\$I->seeElement('#register-form');

\$I->fillField('RegistrationForm[username]', 'new@u*ser');

\$I->fillField('RegistrationForm[email]', 'new-user');

\$I->fillField('RegistrationForm[password]', 'pass');

\$I->fillField('RegistrationForm[code]', '11');

\$I->click('Зарегистрироваться', '#register-form');

\$I->see('Логин содержит запрещённые символы.', '.errorMessage');

\$I->see('Email не является E-Mail адресом.', '.errorMessage');

\$I->see('Пароль должен быть не короче 6 символов.', '.errorMessage');

\$I->see('Неправильный код проверки.', '.errorMessage');

}

```
class PageCest
```

```
{
```

```
...
```

```
public function root(AcceptanceTester $I): void
```

```
{
```

```
    $I->amOnPage('info');
```

```
    $I->seeResponseCodeIs(200);
```

```
    $I->see('Info', 'h1');
```

```
    $I->see('Info Title', 'title');
```

```
    $I->seeInSource('<p>Info Content</p>');
```

```
}
```

```
...
```

```
}
```

```
class PageCest
```

```
{
```

```
...
```

```
public function path(AcceptanceTester $I): void
```

```
{
```

```
    $I->amOnPage('info/about');
```

```
    $I->seeResponseCodeIs(200);
```

```
    $I->see('About', 'h1');
```

```
    $I->see('About Title', 'title');
```

```
    $I->seeInSource('<p>About Content</p>');
```

```
}
```

```
...
```

```
}
```



```
class PageCest
```

```
{
```

```
...
```

```
public function notRoot(AcceptanceTester $I): void
```

```
{
```

```
    $I->amOnPage('about');
```

```
    $I->seeResponseCodeIs(404);
```

```
}
```

```
...
```

```
}
```

class ShowCest

{

...

public function postWithComments(AcceptanceTester \$I): void

{

\$I->amOnPage('blog/6/post-comments');

\$I->seeResponseCodeIs(200);

\$I->see('Post With Comments', 'h1');

\$I->seeInSource('<p>Public Comment</p>');

\$I->dontSeeInSource('<p>Draft Comment</p>');

}

}

```
namespace tests\acceptance\admin;
```

```
class HomeCest
```

```
{
```

```
...
```

```
public function guest(AcceptanceTester $I): void
```

```
{
```

```
    $I->amOnPage('admin');
```

```
    $I->dontSee('Панель управления', 'h1');
```

```
    $I->see('Вход в аккаунт', 'h1');
```

```
}
```

```
}
```

```
namespace tests\acceptance\admin;
```

```
class HomeCest
```

```
{
```

```
...
```

```
public function user(AcceptanceTester $I): void
```

```
{
```

```
    $I->amLoggedInByUser();
```

```
    $I->amOnPage('admin');
```

```
    $I->dontSee('Панель управления', 'h1');
```

```
    $I->seeResponseCodeIs(403);
```

```
}
```

```
}
```

```
namespace tests\acceptance\admin;
```

```
class HomeCest
```

```
{
```

```
...
```

```
public function admin(AcceptanceTester $I): void
```

```
{
```

```
    $I->amLoggedInByAdmin();
```

```
    $I->amOnPage('admin');
```

```
    $I->see('Панель управления', 'h1');
```

```
}
```

```
}
```

```
class PagesCest
```

```
{
```

```
...
```

```
public function access(AcceptanceTester $I): void
```

```
{
```

```
    $I->amLoggedInByUser();
```

```
    $I->amOnPage('page/admin/pages');
```

```
    $I->seeResponseCodeIs(403);
```

```
}
```

```
}
```

```
class PagesCest
{
    ...
    public function index(AcceptanceTester $I): void
    {
        $I->amLoggedInByAdmin();
        $I->amOnPage('page/admin/pages');
        $I->seeResponseCodeIs(200);
        $I->see('Страницы', 'h1');
    }
}
```

```
class PagesCest
```

```
{
```

```
...
```

```
public function create(AcceptanceTester $I): void
```

```
{
```

```
    $I->amLoggedInByAdmin();
```

```
    $I->amOnPage('page/admin/pages/create');
```

```
    $I->seeResponseCodeIs(200);
```

```
    $I->see('Добавление страницы', 'h1');
```

```
}
```

```
}
```



```
class PagesCest
```

```
{
```

```
...
```

```
public function update(AcceptanceTester $I): void
```

```
{
```

```
    $I->amLoggedInByAdmin();
```

```
    $I->amOnPage('page/admin/pages/1/update');
```

```
    $I->seeResponseCodeIs(200);
```

```
    $I->see('Info', 'h1');
```

```
}
```

```
}
```

С Sentry, линтерами и тестами

- Обновляем фреймворк
- Обновляем РНР
- Переносим код

```
<?php $this->widget('zii.widgets.Menu', ['items' => ...]) ?>
```

```
<?= Menu::widget(['items' => ...]) ?>
```

```
<?= $this->createUrl('update', ['id' => $post->id]) ?>
```

```
<?= Url::to(['update', 'id' => $post->id]) ?>
```

```
abstract class Controller extends CController
{
    protected function beforeAction($action): bool {
        Yii::$app->controller = new \yii\web\Controller(
            $this->id,
            new Module($this->module->id, Yii::$app)
        );
        Yii::$app->controller->action = new Action(
            $this->action->id,
            Yii::$app->controller
        );
        return parent::beforeAction($action);
    }
}
```

```
abstract class Controller extends \yii\web\Controller
{
    public function beforeAction($action): bool {
        Yii::app()->controller = new CController(
            $this->id,
            new CWebModule($this->module->id, Yii::app())
        );
        Yii::app()->controller->action = new CInlineAction(
            Yii::app()->controller,
            $this->action->id
        );
        return parent::beforeAction($action);
    }
}
```

Yii2

- `Yii::$app->db`
- `Yii::$app->request`
- `Yii::$app->response`
- `Yii::$app->session`
- `Yii::$app->view`
- `Yii::$app->cache`
- `Yii::$app->user`
- `Yii::$app->authManager`

Yii2

- ActiveRecord
- Form Model
- Widget
- Component
- ListView
- Module
- Controller
- ...

Moved comments script	10/07/2019 04:09 PM
Added site JS to package	10/07/2019 04:08 PM
Changed default script position	10/07/2019 04:05 PM
Fixed comments markup	10/07/2019 04:00 PM
Moved share script	10/07/2019 03:55 PM
Moved ulogin script	10/07/2019 03:45 PM
Moved tag cloud script	10/07/2019 03:35 PM
Fixed tag cloud markup	10/07/2019 03:30 PM
Moved follow script	10/07/2019 03:26 PM
Rehashed old password hashes	10/07/2019 03:06 PM
Improved password hashing	10/07/2019 01:51 PM
Merged user entity classes	10/07/2019 01:40 PM
Fixed user profile editing	10/07/2019 01:40 PM
Moved admin tags asset	10/07/2019 01:14 PM
Removed array helper	10/07/2019 01:10 PM
Removed url redirect action	10/07/2019 01:07 PM
Removed unused code	10/07/2019 01:01 PM
Renamed model classes	10/07/2019 01:01 PM
Moved forms	10/07/2019 12:55 PM
Renamed migrations table	10/07/2019 12:33 PM
Renamed tables	10/07/2019 12:16 PM
Removed unused comments	10/07/2019 12:14 PM
Moved pages layouts to constants	10/07/2019 11:49 AM
Removed user pages access	10/07/2019 11:05 AM
Removed unused table	10/07/2019 10:45 AM

Removed unused mailer	10/06/2019 05:43 PM
Merged admin bar links	10/06/2019 05:40 PM
Fixed ids comparisons	10/06/2019 05:36 PM
Removed unused files	10/06/2019 05:27 PM
Removed unused code	10/06/2019 05:20 PM
Fixed calendar	10/06/2019 05:15 PM
Moved test	10/06/2019 05:01 PM
Moved auth manager	10/06/2019 04:53 PM
Refactored table input action	10/06/2019 04:43 PM
Removed flash session behavior	10/06/2019 04:26 PM
Fixed codestyle	10/06/2019 04:08 PM
Moved IXR extension	10/06/2019 04:02 PM
Removed unused assets	10/06/2019 04:01 PM
Renamed image module	10/06/2019 03:59 PM
Moved uploader components	10/06/2019 03:58 PM
Renamed comments classes	10/06/2019 03:52 PM
Moved multicomplete extension	10/06/2019 03:49 PM
Split IRX classes	10/06/2019 03:46 PM
Moved share widget	10/06/2019 03:34 PM
Moved follow widget	10/06/2019 03:33 PM
Moved category classes	10/06/2019 03:31 PM
Moved colorbox widget	10/06/2019 03:28 PM
Fixed image replacement	10/06/2019 03:23 PM
Reverted src replacement	10/06/2019 03:21 PM
Removed unused last posts tem...	10/06/2019 03:20 PM

Тормоза прогресса













Тормоза прогресса

- `class CategoryBehavior`
- `class TreeCategoryBehavior extends CategoryBehavior`

CategoryBehavior

- m  `getArray()`
- m  `getAliasList()`
- m  `findByAlias(alias)`
- m  `getLinkActive()`
- m  `getUrl()`
- m  `getMenuList()`
- m  `getUrlList()`
- m  `getAssocList()`

CategoryTreeBehavior

- m  `getPath(separator)`
- m  `getAliasList(parent)`
- m  `getBreadcrumbs(lastLink)`
- m  `isChildOf(parent)`
- m  `getLinkActive()`
- m  `getChildrenArray(parent)`
- m  `getFullTitle(inverse, separator)`
- m  `getTabList(parent)`
- m  `getMenuList(sub, parent)`
- m  `getUrlList(parent)`
- m  `getAssocList(parent)`
- m  `findByPath(path)`

```
class CategoryBehaviorTest extends Unit
{
  ...
  public function testAssocList(): void
  {
    self::assertEquals([
      1 => 'First',
      2 => 'Second',
      3 => 'Third',
    ], Category::model()->getAssocList());
  }
}
```

- ✓ CategoryTreeBehaviorTest: Array (0.09s)
- ✓ CategoryTreeBehaviorTest: Assoc list (0.07s)
- ✓ CategoryTreeBehaviorTest: Assoc list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Alias list (0.04s)
- ✓ CategoryTreeBehaviorTest: Alias list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Tab list (0.05s)
- ✓ CategoryTreeBehaviorTest: Tab list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Url list (0.05s)
- ✓ CategoryTreeBehaviorTest: Url list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Menu list (0.06s)
- ✓ CategoryTreeBehaviorTest: Menu list sub (0.06s)
- ✓ CategoryTreeBehaviorTest: Menu list sub parent (0.06s)
- ✓ CategoryTreeBehaviorTest: Find by alias success (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by alias not found (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by path success (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by path not found (0.05s)
- ✓ CategoryTreeBehaviorTest: Link active child (0.04s)
- ✓ CategoryTreeBehaviorTest: Link active root (0.04s)
- ✓ CategoryTreeBehaviorTest: Link active no (0.04s)
- ✓ CategoryTreeBehaviorTest: Children array (0.04s)
- ✓ CategoryTreeBehaviorTest: Children array parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Child of yes (0.04s)
- ✓ CategoryTreeBehaviorTest: Child of no (0.04s)
- ✓ CategoryTreeBehaviorTest: Path (0.04s)
- ✓ CategoryTreeBehaviorTest: Breadcrumbs (0.06s)
- ✓ CategoryTreeBehaviorTest: Breadcrumbs last link (0.03s)
- ✓ CategoryTreeBehaviorTest: Full title (0.04s)
- ✓ CategoryTreeBehaviorTest: Full title inverse (0.04s)

- ✓ CategoryBehaviorTest: Array (0.08s)
- ✓ CategoryBehaviorTest: Assoc list (0.04s)
- ✓ CategoryBehaviorTest: Alias list (0.03s)
- ✓ CategoryBehaviorTest: Url list (0.05s)
- ✓ CategoryBehaviorTest: Menu list (0.03s)
- ✓ CategoryBehaviorTest: Find by alias success (0.04s)
- ✓ CategoryBehaviorTest: Find by alias not found (0.04s)
- ✓ CategoryBehaviorTest: Link active yes (0.04s)

```
class CategoryBehaviorV2Test extends Unit
{
    ...
    public function testAssocList(): void
    {
        $this->markTestIncomplete();

        self::assertEquals([
            1 => 'First',
            2 => 'Second',
            3 => 'Third',
        ], CategoryV2::find()->getAssocList());
    }
}
```


- ✓ CategoryTreeBehaviorTest: Array (0.09s)
- ✓ CategoryTreeBehaviorTest: Assoc list (0.07s)
- ✓ CategoryTreeBehaviorTest: Assoc list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Alias list (0.04s)
- ✓ CategoryTreeBehaviorTest: Alias list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Tab list (0.05s)
- ✓ CategoryTreeBehaviorTest: Tab list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Url list (0.05s)
- ✓ CategoryTreeBehaviorTest: Url list parent (0.05s)
- ✓ CategoryTreeBehaviorTest: Menu list (0.06s)
- ✓ CategoryTreeBehaviorTest: Menu list sub (0.06s)
- ✓ CategoryTreeBehaviorTest: Menu list sub parent (0.06s)
- ✓ CategoryTreeBehaviorTest: Find by alias success (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by alias not found (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by path success (0.05s)
- ✓ CategoryTreeBehaviorTest: Find by path not found (0.05s)
- ✓ CategoryTreeBehaviorTest: Link active child (0.04s)
- ✓ CategoryTreeBehaviorTest: Link active root (0.04s)
- ✓ CategoryTreeBehaviorTest: Link active no (0.04s)
- ✓ CategoryTreeBehaviorTest: Children array (0.04s)
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- ✓ CategoryTreeBehaviorTest: Child of yes (0.04s)
- ✓ CategoryTreeBehaviorTest: Child of no (0.04s)
- ✓ CategoryTreeBehaviorTest: Path (0.04s)
- ✓ CategoryTreeBehaviorTest: Breadcrumbs (0.06s)
- ✓ CategoryTreeBehaviorTest: Breadcrumbs last link (0.03s)
- ✓ CategoryTreeBehaviorTest: Full title (0.04s)
- ✓ CategoryTreeBehaviorTest: Full title inverse (0.04s)

- I CategoryTreeBehaviorV2Test: Array (0.38s)
- I CategoryTreeBehaviorV2Test: Assoc list (0.06s)
- I CategoryTreeBehaviorV2Test: Assoc list parent (0.04s)
- I CategoryTreeBehaviorV2Test: Alias list (0.05s)
- I CategoryTreeBehaviorV2Test: Alias list parent (0.04s)
- I CategoryTreeBehaviorV2Test: Tab list (0.04s)
- I CategoryTreeBehaviorV2Test: Tab list parent (0.04s)
- I CategoryTreeBehaviorV2Test: Url list (0.05s)
- I CategoryTreeBehaviorV2Test: Url list parent (0.04s)
- I CategoryTreeBehaviorV2Test: Menu list (0.05s)
- I CategoryTreeBehaviorV2Test: Menu list sub (0.04s)
- I CategoryTreeBehaviorV2Test: Menu list sub parent (0.07s)
- I CategoryTreeBehaviorV2Test: Find by alias success (0.05s)
- I CategoryTreeBehaviorV2Test: Find by alias not found (0.04s)
- I CategoryTreeBehaviorV2Test: Find by path success (0.04s)
- I CategoryTreeBehaviorV2Test: Find by path not found (0.04s)
- I CategoryTreeBehaviorV2Test: Link active child (0.03s)
- I CategoryTreeBehaviorV2Test: Link active root (0.04s)
- I CategoryTreeBehaviorV2Test: Link active no (0.03s)
- I CategoryTreeBehaviorV2Test: Children array (0.04s)
- I CategoryTreeBehaviorV2Test: Children array parent (0.04s)
- I CategoryTreeBehaviorV2Test: Child of yes (0.04s)
- I CategoryTreeBehaviorV2Test: Child of no (0.03s)
- I CategoryTreeBehaviorV2Test: Path (0.04s)
- I CategoryTreeBehaviorV2Test: Breadcrumbs (0.04s)
- I CategoryTreeBehaviorV2Test: Breadcrumbs last link (0.03s)
- I CategoryTreeBehaviorV2Test: Full title (0.04s)
- I CategoryTreeBehaviorV2Test: Full title inverse (0.04s)

Что сейчас

- Yii2 + остатки на Yii1
- PHPLint
- PHP CodeSniffer
- Codeception
- 77 Acceptance tests
- Pipeline

Что дальше

- Убрать Yii1
- Property Types
- Psalm

Psalm

```
<projectFiles>  
  <file name="Yii.php" />  
  <directory name="src/components/category" />  
  <directory name="src/components/uploader" />  
  <ignoreFiles>  
    <directory name="vendor" />  
    <file name="Yii.php" />  
  </ignoreFiles>  
</projectFiles>
```

Стратегии

- Революционная
 - Yii1 > Symfony5
- Эволюционная

Стратегии

- Революционная
 - Yii1 > Symfony5
- Эволюционная
 - Yii1 > Yii1 > Yii1 + Yii2 > Yii2 > ORM > Twig > ... > Symfony5

Эволюция

- Индексирование
- Реструктуризация
- Чистка
- Рефакторинг
- Обновление
- Перенос
- ...

Неожиданности

- Подсветка кода
- Невалидация пустого поля

Что помогало

- Модульная структура
- Компоненты
- Параллельная работа фреймворков
- Тесты
- Мониторинг

Что мешало в коде

- Отсутствие типизации
- Магия
- Крупные (божественные) объекты
- Связанные объекты
- Базовые классы
- Action-классы
- Монолитность фреймворка
- Отсутствие промежуточных версий

Что полезного

- Локальный Docker
- Continuous Refactoring
- Микрокоммиты
- Мониторинг
- Continious Delivery в master
- Предварительная подготовка кода к скачку
- Линтеры
- Приёмочные и интеграционные тесты
- Pipeline для проверки и деплоя

BeerPHP SPB Meetup #1

31.01.2020

Переписывая легаси

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