

Release Notes - November - 2 2016

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Feature

New DevVM

A new DevVM is now available with PHP 7 running. You can find this release under [devvm/releases](#).

Please note that the following domains are now used by default: `www.de.demoshop.local` and `zed.de.demoshop.local`. When installing the new VM those will be added to the hosts file. If not, please add them manually. Please see [installation guide](#) for detailed instructions.

We also have some nice new features with the new VM:

Project domain

You can now easier configure and customize your project domain, e.g. `www.de.my-company.local`.

Console alias

Instead of `vendor/bin/console` you can now use `console` alias directly. For example you can use `console transfer:generate` instead of `vendor/bin/console transfer:generate`.

Availability

The improved Availability bundle provides a new availability calculation logic. Instead of only taking care of stock to define product availability, now we also consider the products that are in open orders. The state machine has a `reserved` state. This state is used to indicate that the specific product is not available currently. This exactly is used for the availability calculation. Availability is persisted for both abstract and concrete products.

This release also provides a new cart extension point (plugin) `CartPreCheckPlugin` which is executed before "add to cart". It validates if all items in the cart are available. If at least one item is not available an error message is returned. Moreover, it adds availability handling in the OMS. When an item is in state with `reserved` flag it tracks quantity of reserved items. The extension point (plugin) `ReservationHandlerPlugin` is triggered when an item moves to the state with `reserved` flag.

Along this release we also introduce 3 new bundles: a new utility bundle for network specific functionality, a new utility bundle for input sanitation and output escaping, and a new utility bundle for text processing.

Finally, a new architecture is introduced. We added a new application layer service. This service can be used by Yves, Zed and Client. Other bundles can now implement the `AbstractService` to leverage this service functionality.

Affected Bundles

Major	Minor	Patch
- Availability 3.0.0	- Cart 2.2.0	- Braintree 0.4.2
- AvailabilityCartConnector 3.0.0	- DummyPayment 1.4.0	- Checkout 2.2.3
- Oms 4.0.0	- Kernel 2.6.0	- Nopayment 2.0.3
- UtilNetwork 1.0.0	- Library 2.5.0	- Oms 4.0.1
- UtilSanitize 1.0.0	- Setup 2.1.0	- OmsDiscountConnector 2.0.4
- UtilText 1.0.0	- Stock 2.1.0	- Payolution 2.4.2
		- Payone 3.0.1
		- Ratepay 0.2.2
		- Sales 2.2.9

Documentation

You can find the new documentation of Availability bundle [here](#).

Migration Guides

If you would like to upgrade the Availability bundle from version 2 to version 3, please follow the steps described below:

- Make sure every minor and patch is applied before applying any major.

```
1 composer update "spryker/*"
```

- Once that is done, the new Availability major and its dependencies can be upgraded.

```
1 composer require spryker/availability:"^3.0.0" spryker/availability-cart-connector:"^3.0.0"
   spryker/oms:"^4.0.0"
```

You can find individual migration guides for each relevant bundle here: [Availability](#), [Oms](#).

Beta: Bundle Generator

We now provide a CodeGenerator bundle that can generate your project code. Out of box we provide generators for Yves, Zed, Client and Shared.

For installation and usage instructions please see the [documentation](#).

Beta: Customer Group

The new `CustomerGroup` bundle allows shop owners to organize their customers into groups. This feature helps to better manage and target their users for discounts and promotions for example, or to restrict access for specific products or categories. Customer grouping can be used for any type of customer segmentation needs.

Affected Bundles

Major	Minor	Patch
n/a	- CustomerGroup 0.1.0	n/a

Improvements

Use Your Own Namespace

If you would like to use your own namespace, now it's possible. We have made sure that core is not using classes from `Pyz` any more.

To ensure that the `FormFactory` from Symfony can still be accessed, make sure to register `Spryker\Shared\Application\ServiceProviders\FormFactoryServiceProvider` in your application bootstrap:

```
1 php
2 // in your Pyz\Yves\Application\YvesBootstrap
3
4 /**
5  * @return void
```

```

6 */
7
8 protected function registerServiceProviders ()
9 {
10     ...
11     $this->application->register (new FormFactoryServiceProvider ());
12     ...
13 }

```

Previously SystemUnderTestBootstrap class used a class from Project. The needed bootstrap classes are now retrieved from project configuration.

Please make sure your `config_default-test.php` is updated with the following two new rows:

```

php
1 $config[TestifyConstants::BOOTSTRAP_CLASS_YVES] = YvesBootstrap::class;
2 $config[TestifyConstants::BOOTSTRAP_CLASS_ZED] = ZedBootstrap::class;
3

```

Affected Bundles

Major	Minor	Patch
n/a	- Testify 2.3.0	<ul style="list-style-type: none"> - Application 2.6.3 - Auth 2.0.11 - Collector 3.1.3 - ErrorHandler 1.0.3 - Kernel 2.5.3 - Library 2.4.2 - Testify 2.3.1

Category Improvements

We made improvements to the way we handle categories. The Category bundle and the ProductCategory bundle have been decoupled. Separation of concerns is improved by moving all category related functionality from ProductCategory bundle to Category bundle, leaving only product assignment responsibilities to the ProductCategory bundle. Facade methods that are specifically named for use with categories have been deprecated to decouple Url bundle from Category bundle. We resolved the dependencies to Cms and ProductCategory bundles by introducing new plugin interfaces.

We also now support handling multiple locale content for categories in Zed UI, like for example name, meta information, etc.

Deletion of categories didn't take all related category-nodes into account. Now sub-trees of categories that are deleted will not be removed. Instead they will always be moved to the next higher parent node. This is done to avoid losing any categories. You will need to manually delete sub-trees if you need so.

The generated URL was not escaped and well-formed. The URL is now generated properly and the required fields for the form are marked as such in the Type class.

In newer Symfony Versions `setDefaultOptions()` is deprecated. To be able to work with the newer versions we added the new `configureOptions()` method. The old method now delegates to the new method.

Some resources from the Gui bundle have been required by using a relative path that can easily break. This issue in Category bundle has been fixed by directly including the assets required.

Affected Bundles

Major	Minor	Patch
n/a	<ul style="list-style-type: none">- Category 2.2.0- Cms 2.4.0- ProductCategory 2.1.0	<ul style="list-style-type: none">- Cms 2.4.1- Cms 2.4.2- Symfony 2.1.6- Url 2.1.1

New Relic Custom Events

It is now possible to record a custom event in New Relic insight. This requires version 4.18+ of the New Relic PHP agent library.

Affected Bundles

Major	Minor	Patch
n/a	- NewRelic 2.2.0	n/a

Transfer Source Directory

It is now more convenient to add source directories for discovery of transfer object definitions. A new extension-point has been added to `TransferConfig` to enable project implementations for adding additional source directory glob-patterns.

To add custom source directories you will need to override `Spryker\Zed\Transfer\TransferConfig` in your project implementation and return the additional paths and/or glob-patterns from `getAdditionalSourceDirectoryGlobPatterns()`

```
1 php
2 namespace Pysz\Zed\Transfer;
3
4 use Spryker\Shared\Config\Environment;
5 use Spryker\Zed\Transfer\TransferConfig as SprykerTransferConfig;
6
7 class TransferConfig extends SprykerTransferConfig
8 {
9
10     /**
11      * @return string[]
12      */
13     protected function getAdditionalSourceDirectoryGlobPatterns()
14     {
15         return [
16             APPLICATION_VENDOR_DIR . '/my-vendor/my-package/src/Transfer',
17         ];
18     }
19 }
```

```
19  
20 }
```

Affected Bundles

Major	Minor	Patch
n/a	- Transfer 2.3.0	n/a

Filesystem Exception

New check has been added to confirm if directory exists before remove is called. When trying to delete a directory which does not exist Filesystem throws an exception.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Cache 2.1.1 - Search 4.0.2 - Setup 2.0.8 - Transfer 2.2.3

Propel Update

Previously Propel version alpha5 was used. This version has Symfony constraints which blocks further updates of Symfony. This version of Propel was also blocking updating Postgres. With the new alpha6 we are able to use newer versions of those libraries.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Propel 2.3.3

Symfony Forms Update

We have also updated Symfony Forms to version 2.7.0.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Symfony 2.1.6

Bugfixes

ErrorHandler Log Level Handling

The ErrorHandler threw exceptions for deprecations (`E_USER_DEPRECATED`). Those errors triggered are only a notification for developers and in production those should not halt the execution.

A new config key `ERROR_LEVEL_LOG_ONLY` is now available to only log those, but continue execution. The error levels are bitmask integers and can be stacked using the `|` bitmask combination operator. The value of the new config key constant is in sync with the name.

We also added a maintenance overview page "System Info" for the log levels reported and logged.

In your config:

```
1 php
2 $config[ErrorHandlerConstants::ERROR_LEVEL] = E_ALL;
3 // To silence e.g. deprecations completely use (this value should always be E_ALL if possible)
4 $config[ErrorHandlerConstants::ERROR_LEVEL] = E_ALL & ~E_DEPRECATED & ~E_USER_DEPRECATED;
5
6 // To only log e.g. deprecations instead of throwing exceptions here use
```

```
7 $config[ErrorHandlerConstants::ERROR_LEVEL_LOG_ONLY] = E_DEPRECATED | E_USER_DEPRECATED;
```

Affected Bundles

Major	Minor	Patch
n/a	- Maintenance 2.1.0	- ErrorHandler 1.0.5

Order Matrix 1 Second Leap

The legend for the Order Matrix mentions `<1d | 1d-7d | >7d`, but in fact the items for exactly 1 day were included in the first column. The 1 second leap is fixed so the matrix and the order item overview page are in sync now with the legend for those rare cases.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Oms 4.0.2 - Sales 2.2.12

Cronjob Path

The paths for cronjobs have been relative paths, this can be an issue with multiple Zed instances. All paths are now absolute.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Setup 2.1.2

Customer Mandatory Fields

Since a certain Symfony update, all fields were considered required unless implicitly set not to. The HTML validation is fixed now. In Zed for creating or updating customer, the only mandatory fields are email, first name and last name.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Customer 2.1.8

Product Category Mandatory Fields

Since a certain Symfony update, all fields were considered required unless implicitly set not to. The HTML validation is fixed now. In Zed for creating or updating category, the only mandatory fields are category key, parent and translations for the category name.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- ProductCategory 2.0.3

Fixes Due To Deprecation In Symfony

In newer Symfony Versions `setDefaultOptions()` is deprecated. To be able to work with the newer versions we added the new `configureOptions()` method. The old method now delegates to the new method.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Acl 2.0.2 - Cms 2.4.1

Major	Minor	Patch
		<ul style="list-style-type: none">- Customer 2.1.9- DummyPayment 1.3.4- Glossary 2.2.1- Gui 2.2.2- Payolution 2.4.3- ProductCategory 2.0.4- Sales 2.2.10- Shipment 3.0.1- Symfony 2.1.7- User 2.0.4