

Release Notes - December - 1 2016

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Feature

Product and Search

Product and Product Management

Product handling now is more powerful. We have have majorly refactored products. Invalid dependencies have been removed from Product bundle, and new plugins have been added for creating, updating and reading products to invert dependencies of other bundles like Price, ProductImage, etc.

We are introducing a new bundle, which is for now still in beta. All the Zed UI related logic (controllers, templates, etc.) have been removed from this bundle. ProductManagement bundle carries this responsibility from now on.

We make sure that there is a clear separation between abstract and concrete products management. For this ProductAbstractManager and ProductConcreteManager deal with abstract and concrete products respectively and ProductManger handles the logic which has to know about both abstract and concrete.

We introduced concept of "Super Attributes". Those are the attributes that define product variants. For example assume the product is a t-shirt, and this t-shirt comes in 3 different sizes: S, M, L. This t-shirt product will be the abstract one, the super attribute will be the size and the S, M, L sized t-shirts will be the concretes.

The logic for product attribute management is now extracted. For this we added AttributeMerger and AttributeKeyManager. AttributeMerger contains the centralized logic for product attribute merging logic (for abstract, concrete and localised attributes).

We added product URL management with ProductUrlManager and ProductUrlGenerator. Product URLs are now localised by using ProductUrlTransfer and LocalizedUrlTransfer.

Product can be active or inactive. To handle activation/deactivation logic we also have now ProductActivator.

Product attribute metadata related database structure got refactored. We've removed `spy_product_attributes_metadata`, `spy_product_attribute_type` and `spy_product_attribute_type_value`. The replacement for the attribute metadata table is the new `spy_product_attribute_key` which contains only attribute keys and a flag if they are Super Attributes.

Product Options

Product option bundle was fully refactored and redesigned. We have greatly simplified product option storage. New ZED UI is introduced for option management. Shop administrator can create product options, or option groups by defining name, sku and price for each as well as assign and deassign products that should have this option. Options can also be activated/deactivated.

Search and Filter Management

With this release we also introduce additional feature for search and filtering. We added Zed UI to manage product attribute search and filter preferences. Here shop administrator can define what attributes should be included for full text search, full text boosted, for suggestions or for completion. In filter preferences shop administrator can define filters for catalog pages in

Yves by selecting the attribute key and filter type. Dynamic search configuration is now built by a stack of expander plugins instead of reading it from a fixed key in Redis.

Wishlist

We are also introducing the new Wishlist feature. Your customer can browse through the store and add items to their accounts' wishlist. Customer can manage his/her wishlist to add and remove products, or directly add a product from wishlist to the cart. For you as the owner of e-commerce platform wishlist delivers content for tracking and marketing purposes. The wishlist is persisted between sessions. By default there is only one wishlist per customer, but more wishlists can be easily setup.

Affected Bundles

Major	Minor	Patch
- Collector 4.0.0		- Auth 2.0.12
- Price 3.0.0		- Availability 3.0.1
- Product 4.0.0		- CategoryExporter 2.0.3
- ProductCartConnector 3.0.0		- Catalog 3.1.1
- ProductCategory 3.0.0	- Cart 2.3.0	- Checkout 2.2.4
- ProductDiscountConnector 2.0.0	- Currency 1.1.0	- Cms 2.4.2
- ProductImage 2.0.0	- Gui 2.3.0	- Glossary 2.2.2
- ProductOption 3.0.0	- Library 2.6.0	- Kernel 2.6.1
- ProductOptionCartConnector 3.0.0	- Locale 2.2.0	- Payolution 2.4.4
- ProductSearch 4.0.0	- Product 4.1.0	- Price 3.0.1
- SalesAggregator 3.0.0	- ProductManagement 0.1.0	- PriceCartConnector 2.0.1
- SalesSplit 2.0.0		- Product 4.0.1
- Search 5.0.0		- ProductCategory 3.0.1
- Stock 3.0.0		- ProductDiscountConnector 2.0.1
- TaxProductConnector 3.0.0		- ProductOption 3.0.2
		- ProductSearch 4.0.1
		- Ratepay 0.3.1

Major	Minor	Patch
- UtilEncoding 1.0.0		- Refund 3.0.2
- Wishlist 3.0.0		- Sales 2.2.11
		- Search 5.0.1
		- Setup 2.1.1
		- Shipment 3.0.2
		- StockSalesConnector 2.0.1
		- Storage 2.2.1
		- Tax 3.0.5
		- ZedRequest 2.4.1

Documentation

You can find up-to-date documentation of relevant bundles that came as majors here: [Collector](#), [Price](#), [Product](#), [Product Option](#), [Search](#), [Stock](#), [Wishlist](#).

Migration Guides

If you would like to upgrade to having all those improvements and new features, please follow the steps described below:

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

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

- Remove deprecated and no longer used bundles.

```
1 composer remove spryker/product-option-exporter spryker/product-option-wishlist-connector
```

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

```
composer require spryker/product:"^4.0.0" spryker/collector:"^4.0.0" spryker/price:"^3.0.0"
spryker/product-cart-connector:"^3.0.0" spryker/product-category:"^3.0.0" spryker/product-discount-
connector:"^2.0.0" spryker/product-image:"^2.0.0" spryker/product-search:"^4.0.0" spryker/stock:"^3.0.0"
1 spryker/tax-product-connector:"^3.0.0" spryker/search:"^5.0.0" spryker/product-option:"^3.0.0"
spryker/sales-split:"^2.0.0" spryker/sales-aggregator:"^3.0.0" spryker/product-option-cart-
connector:"^3.0.0" spryker/wishlist:"^3.0.0" spryker/product-management
```

You can find individual migration guides for each relevant bundle

here: [Collector](#), [Product](#), [ProductOptionDiscountConnector](#), [ProductOptionExporter](#), [ProductSearch](#), [SalesAggregator](#), [Search](#), [Wishlist](#).

Improvements

Money Bundle Usage

The core bundles now consistently use the new Money bundle (CurrencyManager in Library is deprecated).

Previously we were using the `CurrencyManager` which was limited to work with only a handful of Currencies. We have already introduced Money and Currency bundles and this release is a follow up on the improvements.

Previous versions used deprecated `PriceServiceProvider` and its currency filter for Twig. It's now using the Money bundle and its money filter for Twig.

Also previously floats were used for calculated values. We now use integers. We now cast to `int` to get rid of `*.0` values.

Make sure that you replaced the old `PriceServiceProvider` with the new `TwigMoneyServiceProvider`:

```
1 // in your Pyz\Yves\Application\YvesBootstrap
2
3 protected function registerServiceProviders()
```

```

4 {
5     ...
6     $this->application->register(new TwigMoneyServiceProvider());
7     ...
8 }

```

```

// in your Pyz\Zed\Application\ApplicationDependencyProvider
1
2 protected function getServiceProviders()
3 {
4     $providers = [
5         ...
6         new TwigMoneyServiceProvider(),
7         ...
8     ];
9
10    return $providers;
11 }
12

```

Affected Bundles

Major	Minor	Patch
n/a	<ul style="list-style-type: none"> - Discount 3.3.0 - Payolution 2.5.0 - Ratepay 0.4.0 - Refund 3.1.0 - Sales 2.3.0 - Search 5.1.0 - Shipment 3.1.0 	<ul style="list-style-type: none"> - DiscountCalculationConnector 3.1.3 - Payment 2.0.2 - Price 3.0.3 - Product 4.0.2 - SalesAggregator 3.0.1 - ProductManagement 0.1.1 - ProductOption 3.0.3 - ProductOptionDiscountConnector 3.1.2 - DiscountSalesAggregatorConnector 2.1.3

Major	Minor	Patch
		- Tax 3.0.6 - Gui 2.3.1

Setup IDE Auto Generation Commands

The setup plugin commands for IDE auto generation are relevant for "local development" only, but the namespace was suggesting otherwise. The following commands are now in the more appropriate `dev` namespace:

```
dev:ide:generate-auto-completion
1 dev:ide:generate-client-auto-completion
2 dev:ide:generate-service-auto-completion
3 dev:ide:generate-zed-auto-completion
4
```

Additionally, you now can type `console dev:ide:generate-` and the first letter only (`a` for auto-completion, `c` for client-auto-completion, `s` for service-auto-completion, `z`).

Affected Bundles

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

Beta: CustomerGroup Improvements

We have introduced certain improvements to customer groups. Public API documentation was added, deprecation was removed, all methods of facade were added to its interface.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- CustomerGroup 0.1.2

Beta: Gender Mapping In CustomerGroup

We added gender mapping to the customer table to show the words `Male` and `Female` instead of `0` and `1`.

Affected Bundles | Major | Minor | Patch | | n/a | - [CustomerGroup 0.2.0](#) | n/a |

Bugfixes

Storage Fix For Redis Mget Cache

In `persistCache()` because of an invalidly placed `break`, not all keys were being processed. This issue in redis mget cache is fixed now, the invalid `break` inside the loop was removed.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Storage 2.2.2

Price Fix

There were cases when `Reader::hasValidPrice()` method was throwing exception. This is fixed now, it returns only `true` or `false`.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Price 3.0.2

Auth Login Fix

If already logged in, the `/auth/login` URL was still displaying a log-in form. This is now fixed and in this situation it redirects away to the defined redirect URL.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Auth 2.0.13

Facade Interface Cleanup

For some methods the interface for the facade was missing. This is the single source of truth for the facade API, thus we will make sure that all facade methods are always covered.

Affected Bundles

Major	Minor	Patch
n/a	n/a	<ul style="list-style-type: none">- AvailabilityCartConnector 3.0.1- Category 2.2.3- Customer 2.1.10- DiscountCalculationConnector 3.1.2- DiscountSalesAggregatorConnector 2.1.2- Kernel 2.6.2- Oms 4.0.3- ProductDiscountConnector 2.0.2- Ratepay 0.3.2- Shipment 3.0.3- Url 2.1.2- User 2.0.5

