Release Notes - January - 1 2017

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Feature

Mail Bundle

Our `Mail` Bundle implementation has been entirely refactored and we removed all ties to an individual mail provider. The `Mail` bundle is now a generic solution that you can use to send mails directly or integrate with the mail provider of your choice. The default mail provider that comes with the bundle is `SwiftMailer`.

In this release, we also highlight sample implementations which you can see in the newsletter subscriptions, customer registration, order shipment and more. Our solution's mail templates are managed as Twig files with placeholders, where the placeholders are replaced on send action.

We made sure that the locale, which the customer uses in Yves, is transported to Zed. With this, it is possible to use the necessary translation in mails for a customer. Every request made to Zed contains the locale information in a `MetaTransfer`.

Affected Bundles

Major	Minor	Patch
- Customer 3.0.0 - Mail 3.0.0 - Newsletter 3.0.0 - Oms 5.0.0 - Sales 3.0.0	- Glossary 2.3.0 - Kernel 2.8.0 - Twig 2.2.0 - ZedRequest 2.5.0	- AuthMailConnector 2.0.1 - Availability 3.0.2 - Braintree 0.4.4 - Checkout 2.2.5 - CustomerGroup 0.2.1 - Discount 3.4.1 - DiscountSalesAggregatorConnector 2.1.4 - Nopayment 2.0.4 - OmsDiscountConnector 2.0.5 - Payment 2.0.3 - Payolution 2.5.1 - Payone 3.0.2 - ProductOption 3.0.4 - ProductOptionDiscountConnector 3.1.3 - Ratepay 0.4.1 - Refund 3.1.1 - SalesAggregator 3.0.2 - SalesSplit 2.0.1 - Shipment 3.1.1 - Twig 2.2.1 - Wishlist 3.1.1

Documentation

You can find up-to-date documentation for major released bundles here: Customer, Mail, Oms, Sales.

Migration Guides

To upgrade, follow the steps described below:

- Apply every minor and patch:

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

- Remove deprecated bundles:

```
composer remove spryker/customer-mail-connector
```

- Once that is done, upgrade to the new Mail major and its dependencies:

```
composer require spryker/mail:"^3.0.0" spryker/customer:"^3.0.0" spryker/newsletter:"^3.0.0"
spryker/oms:"^5.0.0" spryker/sales:"^3.0.0"
```

Search Autocomplete and Suggestions

We have tuned our search functionalities to now give full support for autocompletion and suggestion features.

Autocompletion offers functionality that predicts the rest of the search string. It also offers a list of matching options to search for.

The suggestion feature offers page suggestions by type (product, category, CMS page, or any page stored in Elasticsearch) to be able to provide matched results on the fly while typing a search string.

We also provide a "did you mean" suggestions plugin that suggests typo corrections for the search string.

Affected Bundles

Major	Minor	Patch
- Catalog 4.0.0	- Category 2.3.0 - Search 5.2.0	n/a

Documentation

You can find up-to-date documentation for relevant bundles here: <u>Search</u>, <u>Category</u>.

Migration Guides

To upgrade, follow the steps described below:

- Apply every minor and patch:

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

- Once that is done, upgrade to the new major:

```
composer require spryker/catalog:"^4.0.0"
```

You can find detailed migration guides here: <u>Collector</u>.

Improvements
Support for PHP 7.1

With the stable release of PHP 7.1, we now also support this version. Our CI builds now include this version, as well. The DevVM at this point still runs on PHP 7.0. We will inform you once it is also migrated to the new minor release.

Symfony Update and Being More Allowing on Framework Level

Till now an older version of the `symfony/console` was used, which did not allow using features from version 3.* in the to console commands. The dependency to `symfony/console` has been moved from `spryker/symphony`to `spryker/console`. The updated version of `symfony/console` now suppots versions 2.* and 3.*.

Moreover, in the earlier version of the console we used the tilde sign (~) for required dependencies. We now use the caret sign (^) to be more suitable on a framework level.

Since there are quite a few deprecations in the newer Symfony versions, we recommended you silence them for the time being:

```
// In your config_default.php
$config[ErrorHandlerConstants::ERROR_LEVEL] = E_ALL & ~E_DEPRECATED & ~E_USER_DEPRECATED;
```

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Console 2.1.1 - Propel 2.3.4 - Silex 2.0.1 - Symfony 2.1.8 - Twig 2.1.1 - Zend 2.0.1

IDE Auto-Generation Commands

IDE auto-completion generation (for locatable classes) has been moved to the `Development` bundle for improved project level extensibility. The old commands are still in place and active but will be removed in the next major release of `Kernel` and `Setup`.

We introduced the following improvements in this release:

- We added new configuration options to support custom namespaces and bundle installation paths (e.g. third-party Spryker bundles).
- Path configurations are now added to the `Development` bundle configuration so they can be extended/adjusted on a project level.
- Auto-completion will from now on, always try to use interfaces (if present) instead of concrete classes.

- The setup-commands list is now maintained on a project level (see project level `Console` bundle). The respective methods are still in place but have been marked as deprecated.
- The `dev:ide:generate-auto-completion` console command has been removed from the setup command stack. It is a require-dev tool that should not be a dependency inside the setup commands for a production environment.
- Completion of `service()` has been removed from the Zed auto-completion.
- We also added a dedicated auto-completion for Yves.

Please include the auto completion generation again on project level:

```
// In your ./setup -i call via functions.sh
labelText "Setting up IDE autocompletion"
$CONSOLE dev:ide:generate-auto-completion $VERBOSITY
```

Affected Bundles

Major	Minor	Patch
n/a	- Development 2.2.0 - Setup 2.3.0	- Development 2.2.1 - Kernel 2.7.1

New Filter in Money Bundle

We added a new filter `moneyRaw` which can be used in Twig files. This new filter converts integer values into decimal values and prepares them for output.

Affected Bundles

Major	Minor	Patch
n/a	- Money 1.1.0	n/a

With this release, we introduced bundle config for Yves, Client and Service. Each of these namespaces, if needed, can now have their own config.

Affected Bundles

Major	Minor	Patch
n/a	- Kernel 2.7.0	n/a

We improved the discount calculator plugin. Instead of passing the discount amount the whole `DiscountTransfer` is now sent. This gives more flexibility for building custom calculators.

Affected Bundles

Major	Minor	Patch
n/a	- Discount 3.4.0	n/a

We introduced an improvement to the `ItemExpanderPlugin` in Wishlist. The products in a customer's wishlist can now be expanded with additional information like catalog price rules or last-minute sales.

Affected Bundles

Major	Minor	Patch
n/a	- Wishlist 3.1.0	n/a

Login Method Redirect

Previously the login method tried to redirect prematurely. It now uses the correct `isAuthenticated()` facade method to check if logged-in and only then redirects away.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Auth 2.0.14

Propel Filtering

The Propel bundle did not allow using `Criteria::GREATER_THAN` and `Criteria::LESS_THAN` as filtering criteria for `filterBy*` methods. We fixed this now to allow use of `Criteria::GREATER_THAN` and `Criteria::LESS_THAN` as min and max filtering criteria.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Propel 2.3.5

Propel Merge Order

merged schema file element order, did not allow certain extensions on a project level. The `PropelSchemaMerger` merged the files in the following order: project, core. This failed for certain situations where project additions reference core elements, such as creating unique indices or foreign-keys containing columns defined in the core. Certain keys ('unique', 'foreign-key') are now appended (delayed) to assert proper merging order.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Propel 2.3.6

Propel Regression Fix for MySQL Support

The recent update to Propel 2.0.0-alpha6 introduced a regression in MySQL support of the framework. This resulted in falsely generated entity files. This release includes an updated version of Propel to version 2.0.0-alpha7 that includes a fix for this issue.

We also fixed the length definition of `spy_state_machine_lock.identifier`. We decreased it from 1024 to 255 as the former length was too long to be used with a unique index on MySQL with InnoDB.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Propel 2.3.7 - StateMachine 1.0.6

Backport Collector Fix

The Collector threw an exception when a CMS redirect was deleted and re-added. This has already been fixed in the 4.* version. This release backports the fix to 3.*.

Major	Minor	Patch
n/a	n/a	- Collector 3.1.4