Release Notes - November - 1 2016

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Feature

Currency and Money Bundles

Previously currency was not a standalone bundle which made it hard to make use of various currencies. We are introducing Currency and Money bundles. This bundles makes use of the popular `moneyphp/money` PHP library, which is a PHP implementation of the "Money Pattern". We can now handle about 170 currencies and the conversion from their integer representation to a proper formatted string.

This release also makes it possible to work with money representations in every available currency. It provides a clean API to convert given money values. For example the parser can parse `'10,00 €'` and convert it to a MoneyTransfer object which contains useful information about the currency for this monetary value. It also can format the value `10.00` to this string for output via Twig function. You can also use the API to get information about a currency by its ISO code.

Affected Bundles

Major	Minor	Patch
- Currency 1.0.0 - Money 1.0.0	n/a	n/a

Improvements

PHP 7 Compatibility

Spryker is now compatible with PHP 7.0.x. For sure we sill continue supporting PHP 5.6.x. We use a Travis matrix to ensure that both major PHP versions work with our code base for any future releases.

With this release we have fixed PHP 7 compatibility in several bundles. Some additional improvements that come with this release are listed below:

- The `AbstractZedClient` now provides a `hasLastResponse()` method to prevent exceptions with the message stack and no actual Zed call being made.
- Any stub call will now always return a Transfer object or fail with an exception. Before it could silently return null and at a later time lead to exceptions and fatal errors due to typehints or getter access blindly trusting the return value.

Project Side Adjustments

A few small adjustments on project level will be necessary from your side if you want to use PHP 7.0.x:

- The composer dependency "symfony/http-foundation" is now expected to be `2.8` instead of `2.6`.
- Please make sure you add UsernamePasswordFormAuthenticationListener in your `CustomerSecurityServiceProvider:

```
protected function setSecurityFirewalls(Application &$app)
{
    $app['security.firewalls'] = [
        self::FIREWALL_SECURED => [
            ...
            'form' => [
                'login_path' => '/login',
                ...
```

```
                        'listener_class' => UsernamePasswordFormAuthenticationListener::class,
```

- $config[ApplicationConstants::HOST_YVES] in config_default.php should default to the actual default domain including the locale, e.g. 'www.de.spryker.dev' (or www.de.demoshop.local for new PHP 7 DevVM). This is mainly necessary for testing.
- Inside the Yves SessionServiceProvider please make sure you move the $this->getFactory()->getSessionClient()->setContainer($app['session']); call from register() to boot().

Please be aware, we are working on a new dev vm that runs with PHP 7 and this will be released during the next days.

Affected Bundles

Major	Minor	Patch
n/a	- ZedRequest 2.4.0	- Application 2.6.2 - ErrorHandler 1.0.2 - Kernel 2.5.2 - Library 2.4.1 - NewRelic 2.1.4 - Session 2.2.1 - StepEngine 1.2.1 - Symfony 2.1.5 - Transfer 2.2.2

XSD Files

We fixed the OMS, state machine, schema and transfer XML definition files for auto-complete and validation. This improvement is not a functional one but a usability enhancement inside the IDE. To make full use of it please modify your project XML files as described below. If the URL for any of those XSDs is in red in your XMLs you might need to manually download the file with "ALT + Enter" and "Fetch external resource".

Schema files:

```xml
<?xml version="1.0"?>
<database
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://static.spryker.com/schema-01.xsd"
...>
```

Transfer files:

```xml
<?xml version="1.0"?>
<transfers
xmlns="spryker:transfer-01"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="spryker:transfer-01 http://static.spryker.com/transfer-01.xsd"
...>
```

OMS files:

```xml
<?xml version="1.0"?>
<statemachine
xmlns="spryker:oms-01"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="spryker:oms-01 http://static.spryker.com/oms-01.xsd">
```

State Machine files:

```xml
<?xml version="1.0"?>
<statemachine
xmlns="spryker:state-machine-01"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="spryker:state-machine-01 http://static.spryker.com/state-machine-01.xsd">
```

CMS Improvements

To make projects work with our code base easier, we have made the following improvements to CMS bundle.

- The private business layer methods are now protected to allow project extension.
- Missing Interface methods have been added.

Along those improvements we have also introduced a fix. Changing the locale for a CMS page in Zed was previously throwing an exception. It is now possible to change the locale for a page. Once the collectors ran the old URL will not be accessible any more and instead the new one will be accessible. In addition to this the interface typehints have been corrected.

Affected Bundles

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

Newsletter Improvements

Previously for invalid or miss input the `SubscriberManager` was silently doing nothing. Now the `SubscriberManager` throws an exception if required fields are not passed as expected for this method to work. It will now also return a boolean result if a subscriber has been updated. In addition to this tests have been added.

Affected Bundles

Major	Minor	Patch
n/a	- Newsletter 2.1.0	n/a

Bugfixes

GUI Asset

The included asset was hard-coded to `http` which can present a security issue for SSL connections. Google font (OpenSans) remote include has been removed. Same font is already required by the system using local resources.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Gui 2.2.1

Transfer Nullable Fix

A regression in Transfer bundle made it impossible to set Transfer properties to null. We brought back nullable for setters in Transfer objects. With this change it is now possible to reset Transfer properties which contain another Transfer, e.g. `$myTransfer->setCustomer(null)`.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Transfer 2.2.1