Release Notes - March - 2017

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Features

Step Breadcrumbs

With this release, we introduced the Step Breadcrumbs Generator in the StepEngine bundle. The Step Breadcrumbs Generator is responsible for generating a transfer object containing the information needed to enable breadcrumb navigation in a given step collection.

Affected Bundles

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

Documentation

See: [Step Engine](#).

Navigation

We introduced dynamic navigation menus for Yves. Each navigation menu can contain a nested node structure. You can assign to a node CMS pages, category nodes, links, external URLs or just simple labels. You can also control and adjust Navigation node appearance and add icons by assigning custom CSS classes to them.

Affected Bundles

Major	Minor	Patch
- [Navigation 1.0.0](#) - [NavigationCollector 1.0.0](#) - [NavigationGui 1.0.0](#)	- [Application 3.1.0](#) - [Gui 3.1.0](#) - [Url 3.1.0](#)	n/a

Documentation

See: [Navigation](#). For integration guides see: [Navigation Feature Integration](#).

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 CMS major and its dependencies:

```
composer require spryker/navigation:"^1.0.0" spryker/navigation-collector:"^1.0.0" spryker/navigation-gui:"^1.0.0"
```

Improvements

Country Facade Returning Country by ISO2 and ISO3

We have extended the facade with `getCountryByIso2Code()` and `getCountryByIso3Code()` to return country by ISO2 and ISO3.

Affected Bundles

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

Propel Transactions

The new `DatabaseTransactionHandlerTrait`, reduces boilerplate code related to managing database transactions. See `DatabaseTransactionHandlerTraitTest` for implementation details.

Affected Bundles

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

Documentation

See: Database Transaction Handling

URL Generation with Nested Query String Parameters

Previously the URL generation was working only with non-nested parameters. We have improved the solution to also work with nested query string parameters.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- UtilText 1.1.1

Bugfixes

Unique URL Validator in CMS

Following the recent URL release, we experianced unexpected behavior in the CMS. When creating a CMS page with URL that already existed, it threw an exception. This has been fixed to allow checking other url resources for uniqueness (Product, Category) and showing an appropriate error message instead of throwing an exception.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Cms 4.0.1 - CmsGui 2.0.1

Fetching Root Category

Previously fetching the root category through the facade method `read()` failed, because `CategoryNode::read()` was trying to access a non-existent parent node. The issue for `read()` root category id is fixed now.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Category 3.0.1

Missing Locale Condition in Collector Base Query

A missing locale condition when joining the touch-storage stable in collectors resulted in accidental override of database entries and subsequently, wrong relations between storage-keys and locales. The missing conditions have been added to resolve this issue.

To enable the collector query fix, override `CollectorConfig` in your project and enable the feature.
Override `CollectorConfig::getEnablePrepareScopeKeyJoinFixFeatureFlag()` and return `true` from it:

```php
namespace Pyz\Zed\Collector;

use Spryker\Zed\Collector\CollectorConfig as SprykerCollectorConfig;

class CollectorConfig extends SprykerCollectorConfig
{
    /**
     * @return bool
     */
    public function getEnablePrepareScopeKeyJoinFixFeatureFlag()
    {
        return true;
    }
}
```

All collectors inheriting
from `\Spryker\Zed\Collector\Business\Collector\Storage\AbstractStoragePropelCollector` that require the fix need to get `CollectorConfig` passed as a dependency
through `\Spryker\Zed\Collector\Business\Collector\Storage\AbstractStoragePropelCollector::setConfig()`. Please review all methods that instantiate collectors in `\Pyz\Zed\Collector\Business\CollectorBusinessFactory` and pass the bundle configuration to them.

Affected Bundles

Major	Minor	Patch
n/a	- Collector 5.1.0	n/a

Session Lock

Issues were discovered with sessions when adding products to cart and/or authenticating in Zed. To solve this session issue, we introduced a new Redis session-handler for Yves and Zed that supports session locking to prevent accidental overrides by concurrent session access.

The following lines have to be added to the `switch` statement in `SessionServiceProvider::setSessionStorageHandler` to enable registering the new session handler in *Yves*:

```php
protected function setSessionStorageHandler(Application $app, $saveHandler)
{
    // ...

    switch ($saveHandler) {
        case SessionConstants::SESSION_HANDLER_REDIS_LOCKING:
            $redisSessionHandler = $sessionHelper->createRedisLockingSessionHandler($this-
>getSavePath($saveHandler));
            $app['session.storage.handler'] = $app->share(function () use ($redisSessionHandler) {
                return $redisSessionHandler;
            });
            break;

        // ...
    }
}
```

The `switch` statement in `SessionServiceProvider::getSavePath()` has to also be extended to provide connection details for the new session handler. (The connection details are not different from the ones that are used with the existing Redis session handler.)

```php
protected function getSavePath($saveHandler)
{
    // ...

    switch ($saveHandler) {
        case SessionConstants::SESSION_HANDLER_REDIS:
        case SessionConstants::SESSION_HANDLER_REDIS_LOCKING:
            $path = $this->getConnectionString();
            break;
```

```
        // ...
    }

    // ....

    return $path;
}
```

Finally, to use the new session handler, set the configuration for `SessionConstants::YVES_SESSION_SAVE_HANDLER` to `SessionConstants::SESSION_HANDLER_REDIS_LOCKING`. This will enable locked session handling with Redis for *Yves*

Affected Bundles

Major	Minor	Patch
n/a	- Kernel 3.1.0 - Session 3.1.0	n/a

Propel Collector Query

Certain resources had a wrong locale in the `spy_touch_storage` table. Collectors outside the `Collector` bundle could not enable the storage-table language-join fix. This issue has been fixed and we now extract the configuration check to a dedicated method so it can be overridden in specific collector implementations.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Collector 5.1.1 - ProductSearch 5.0.1

Use Statement in Search Facade

`SearchFacade` was missing use statement which was causing an exception. This issue is fixed now.

Affected Bundles

Major	Minor	Patch
n/a	n/a	- Search 6.0.1

Clean-up of Generated Transfer Object

Formerly the clean-up of generated transfer object was removing the containing folder. Now this issue is fixed. Instead the folder is just emptied.

Affected Bundles

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