

- Magento 002 -Migriere an einem anderen Tag

# Über mich

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- Fachliche Schwerpunkte
  - TYPO3
  - Responsive Design
  - symfony
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## Ziel

- 1. Migration eines Magento 1.7 Shops nach Magento 2
- 2. Überarbeitung des Designs bezüglich Responsive Design
- 3. Aktualisierung aller zusätzlichen Module
  - a. Payment-Module: Computop
  - b. Template-Module (Carousels, Top-Artikel)
  - c. SMTP Modul
  - d. Google Shopping Feed
- 4. Anpassung an den deutschen Markt
- 5. Performanceoptimierung bezüglich konfigurierbarer Artikel

Priorität: Daten migrieren

## Zahlen & Fakten

- B2C Shop (noch)
- ca. 2000 (niedrig-/hochpreisige) Artikel
- 29 Attributsets
- ca. 100 Kategorien
- 4 Sprachen: Deutsch, Französisch, Niederländisch, Englisch
- Einzelartikel, Konfigurierbare Artikel, Bündelartikel
- ca. 20 statische Seiten pro Sprache
- Trusted Shops Zertifizierung
- Google Shopping-Anbindung

## Magento 2 installieren und einrichten

Wie üblich:

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition <installation directory name>

## Magento 2 aktualisieren



## Magento 2 aktualisieren

Missing write permissions to the following directories: '/<magentodir>/var'

Issue #2406

Vorschlag: Datei-/Verzeichnisrechte sollte durch Magento überprüft oder korrekt angelegt werden

System	n Upgrade
System Upgra	Readiness Create Backup System Check Upgrade
System Up Update applic	grade Status: ation is not running
Error Pleas X To at Ro	in Updatel e refer to documentation <mark>Doc link</mark> to perform manual rollback. tempt automatic rollback, please click the "Rollback" button. Ilback
Console Lo	g
Module Module Module Module Module Module	Magento_Variable': Magento_Version': Magento_Webapi': Magento_Webe': Magento_Wishlist':

## Magento 2 aktualisieren

Undefined Index: arguments in lib/internal/Magento/Framework/O bjectManager/Config/Compiled. php line 132

Issue #2671 Lösungsvorschläge im Ticket

Falls hängengeblieben: Update flag manuell entfernen

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## Die Seite monolithique2.home.wappler.systems funktioniert nicht

monolithique2.home.wappler.systems kann diese Anfrage momentan nicht verarbeiten.

50

Neu laden



## Beispieldaten installieren



#### Success 合 Your store is no longer in maintenance mode. -You installed: magento/module-bundle-sample-data 0 magento/module-catalog-rule-sample-data magento/module-catalog-sample-data magento/module-cms-sample-data \* magento/module-configurable-sample-data magento/module-customer-sample-data magento/module-downloadable-sample-data magento/module-grouped-product-sample-data · magento/module-msrp-sample-data magento/module-offline-shipping-sample-data magento/module-product-links-sample-data magento/module-review-sample-data magento/module-sales-rule-sample-data magento/module-sales-sample-data magento/module-swatches-sample-data

## Beispieldaten entfernen



Setup version for module 'Magento MsrpSampleData' is not specified

#0 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Mov

#1 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Mod

#2 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Moc

#3 [internal function]: Magento\Framework\Module\Plugin\DbStatusValidator->around

#4 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/In1

#5 /home/svewap/srv/www/vhosts/magento/monolithique2/var/generation/Magento/Frame

- #6 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor #7 [internal function]: Magento\Framework\App\Http->launch( #8 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor #9 /home/svewap/srv/www/vhosts/magento/monolithique2/var/ge
- #10 /home/svewap/srv/www/vhosts/magento/monolithique2/vendo
- #11 /home/svewap/srv/www/vhosts/magento/monolithique2/index
  #12 {main}

map.xml × 🔤 config.php ×
'Hagento ImportExport' => 1,
'Magento Bundle' => 1,
'Emizentech CustomSmtp' => 1,
'Magento User' => 1,
'Magento Fedex' => 1,
'Magento_Sales' => 1,
'Magento_CatalogInventory' => 1,
'Magento_GoogleAnalytics' => 1,
'Magento_GoogleOptimizer' => 1,
<pre>'Hagento_GroupedImportExport' =&gt; 1,</pre>
'Hagento_GroupedProduct' => 1,
'Magento_DownloadableImportExport' => 1,
'Hagento_Checkout' => 1,
'Hagento_Integration' => 1,
'Magento_LayeredNavigation' => 1,
'Hagento_Harketplace' => 1,
'Hagento_HediaStorage' => 1,
<pre>     'Hagento_ConfigurableProduct' =&gt; 1, </pre>
'Hagento_HsrpSampleData' => 1,
'Hagento_Hultishipping' => 1,
'Hagento_NewRelicReporting' => 1,
'Magento_Newsletter' => 1,
'Magento_OfflinePayments' => 1,
'Magento_SalesRule' => 1,
'Magento_OfflineShipping' => 1,
'Magento_PageCache' => 1,
'Hagento_Captcha' => 1,
"Mananto Pavnal' -5 1

- Immer mit einem leeren System anfangen
- Beispiel-Daten in einem getrennten System installieren

# Zusätzliche Module installieren

Auszug composer.json

```
"repositories": [
    {
        "type": "composer",
        "url": "https://repo.magento.com/"
    },
    {
        "type": "git",
        "url": "https://github.com/firegento/firegento-magesetup2.git"
    }
],
```

## **Erneutes System-Update**



- Keine aussagekräftige Fehlermeldung
- Führt zur Überforderung des Benutzers
- Grund: Zusätzliches Repository führt zum Absturz des Wizards

## **Erneutes System-Update**

Step 1: Readiness Check

Completed! You need to resolve these issues to continue.

Check Updater Application Availability Updater application is available.

Check Cron Scripts Cron script readiness check passed.

Check Component Dependency We found conflicting component dependencies. Hide detail

You are trying to update package(s) magento/magento2-base to 2.0.3 We've detected conflicts with the following packages:

- magento/product-community-edition version 2.0.2. Please try to update it to one of the following package versions: 2.0.3, 2.0.1, 2.0.0, 0.42.0-beta7

For additional assistance, see component dependency help .



PHP Version Check Your PHP version is correct (5.6.19).



## **Erstes Fazit**

- Web Setup Wizard soll GUI für composer darstellen -> ist jedoch fehlerhaft
- Komplett zur Konsole wechseln

# Die Migration - Vorbereitungen

- Leeres Magento-System aufsetzen
- Produkt/Attribut-Tabellen leeren und sichern
- Ziel-Datenbank sichern!
- Quell-Datenbank duplizieren

Anleitung: <u>http://devdocs.magento.com/guides/v2.0/migration/migration-tool-preconditions.html</u>

## data-migration tool installieren

http://devdocs.magento.com/guides/v2.0/migration/migration-tool-install.html

## Migration ausführen - Schritt 1: Settings

Beispiel:

php bin/magento migrate:settings /srv/www/vhosts/magento/monolithique2/vendor/magento/data-migrationtool/etc/ce-to-ce/1.7.0.2/config.xml

## Nach Migration - Backend weg!

### Default store is inactive

/home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-store/Model/StoreReso #0 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-store/Model/StoreMana /home/svewap/srv/www/vhosts/magento/monolithique2/var/generation/Magento/Store/Model/StoreMan /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-store/Model/Resolver/ #3 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/Config/ScopePo #4 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/Config/ScopePo #6 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/Config.php(45) /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-backend/App/Area/Fron #7 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-backend/App/Area/Fron /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/AreaList.php(7 #9 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/Http.php(110) #10 #11 [internal function]: Magento\Framework\App\Http->launch() /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Interception/Inte #12 /home/svewap/srv/www/vhosts/magento/monolithique2/var/generation/Magento/Framework/App/Http/ #13 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/App/Bootstrap.php #14 #15 /home/svewap/srv/www/vhosts/magento/monolithique2/index.php(39): Magento\Framework\App\Boots

#16 {main}

# Nach Migration - Backend weg!

## In der Datenbank wieder alle aktivieren

	🗆 Alles anzeigen	Anzahl	der Datensät	ze: 25	•	Zeilen filtern:	Diese Tabell	e durchsuch	el	
Nach	ı Schlüssel sortieren:	keine				٣	]			
+ Op ← ]	tionen Г→		▼	store_id Store Id	code Code	website_id Website Id	group_id Group Id	name Store Name	sort_order Store Sort Order	is_active Store Activity
	🥜 Bearbeiten 👫 K	opieren	😂 Löschen	0	admin	0	0	Admin	0	1
	🥜 Bearbeiten 👫 K	opieren	😂 Löschen	1	en	1	1	EN	40	1
	🥜 Bearbeiten 👫 K	opieren	🔵 Löschen	2	de	1	1	DE	8	1
	🥜 Bearbeiten 👫 K	opieren	😂 Löschen	3	fr	1	1	FR	10	1
	🥜 Bearbeiten 👫 K	opieren	😂 Löschen	4	nl	1	1	NL	30	1

## Migration ausführen - Schritt 2: Daten

monolithique2 : bash — Konsole

Datei Bearbeiten Ansicht Lesezeichen Einstellungen Hilfe

#### [=====] Remaining Time: 1 sec

[2016-03-20 01:06:34][INFO][mode: settings][stage: data migration][step: Stores Step]: started 2016-03-20 01:06:35][INFO][mode: settings][stage: volume check][step: Stores Step]: started

100% [====== Time: 1 sec

svewap@lupus:~/srv/www/vhosts/magento/monolithique2> php bin/magento migrate:data /srv/www/vhosts/magento/monolithique2/vendor/magento/data-migration-tool/etc/ce -to-ce/1.7.0.2/config.xml

[2016-03-20 01:12:36][INF0][mode: data][stage: integrity check][step: EAV Step]: started

100% [======= Time: 1 sec

[2016-03-20 01:12:37][INF0][mode: data][stage: integrity check][step: Customer Attributes Step]: started

100% [======= Time: 1 sec

[2016-03-20 01:12:38][INFO][mode: data][stage: integrity check][step: Map Step]: started

100% [======= Time: 1 sec

Wa 016-03-20 01:13:03][INFO][mode: data][stage: integrity check][step: Url Rewrite Step]: started

# Mapping anpassen

 $\sim \sim \infty$ 

# Migration ausführen - Schritt 2: Daten - Fehlschlag

None svewap@lupus:~/srv/www/vhosts/magento/monolithique2> php bin/magento migrate:data -r /srv/www/vhosts/magento/monolithique2/vendor/magento/data-migration-tool/e onfig.xml Reset the current position of migration to start from the beginning [2016-03-22 08:29:47][INF0][mode: data][stage: integrity check][step: EAV Step]: started 100% [=====================] Remaining Time: 1 sec [2016-03-22 08:29:48][INF0][mode: data][stage: integrity check][step: Customer Attributes Step]: started 100% [==================] Remaining Time: 1 sec [2016-03-22 08:29:49][INFO][mode: data][stage: integrity check][step: Map Step]: started 100% [==================] Remaining Time: 1 sec 2016-03-22 08:30:11][WARNING]: Mismatch of data types. Source document: importexport\_importdata. Fields: behavior 2016-03-22 08:30:11][WARNING]: Mismatch of data types. Destination document: importexport importdata. Fields: behavior [2016-03-22 08:30:11][INF0][mode: data][stage: integrity check][step: Url Rewrite Step]: started 100% [=======================] Remaining Time: 1 sec [2016-03-22 08:30:11][INFO][mode: data][stage: integrity check][step: Log Step]: started 100% [=================] Remaining Time: 1 sec [2016-03-22 08:30:11][INFO][mode: data][stage: integrity check][step: Ratings Step]: started 100% [==============] Remaining Time: 1 sec [2016-03-22 08:30:11][INF0][mode: data][stage: integrity check][step: ConfigurablePrices step]: started 100% [==================] Remaining Time: 1 sec [2016-03-22 08:30:12][INF0][mode: data][stage: integrity check][step: OrderGrids Step]: started 100% [==============] Remaining Time: 1 sec [2016-03-22 08:30:12][INFO][mode: data][stage: integrity check][step: Tier Price Step]: started 100% [=================] Remaining Time: 1 sec [2016-03-22 08:30:12][INF0][mode: data][stage: integrity check][step: SalesIncrement Step]: started 100% [=============] Remaining Time: 1 sec [2016-03-22 08:30:12][INFO][mode: data][stage: setup triggers][step: Stage]: started 100% [==============] Remaining Time: 1 sec [2016-03-22 08:30:46][INF0][mode: data][stage: data migration][step: EAV Step]: started 14% [====>----- [ Remaining Time: 6 secs

SQLSTATE[23000]: Integrity constraint violation: 1062 Duplicate entry '1-Migration\_Default' for key 'EAV\_ATTRIBUTE\_SET\_ENTITY\_TYPE\_ID\_ATTRIBUTE\_SET\_NAME'

 Wiederaufnah me nicht möglich

Empfehlung: Gesicherten kompletten Dump wieder installieren

LISC OF DISAD LEU MODULES:

# Migration ausführen - Schritt 2: Daten - Fehlschlag

100% [===============] Remaining Time: 1 sec [2016-03-22 12:50:53][INFO][mode: data][stage: integrity check][step: Tier Price Step]: started 100% [=============] Remaining Time: 1 sec [2016-03-22 12:50:53][INFO][mode: data][stage: integrity check][step: SalesIncrement Step]: started 100% [====== ] Remaining Time: 1 sec. [2016-03-22 12:50:53][INF0][mode: data][stage: setup triggers][step: Stage]: started 100% [====== ] Remaining Time: 1 sec. [2016-03-22 12:51:24][INF0][mode: data][stage: data migration][step: EAV Step]: started 100% [=============] Remaining Time: 1 sec [2016-03-22 12:51:28][INF0][mode: data][stage: volume check][step: EAV Step]: started 100% [====== ] Remaining Time: 1 sec. [2016-03-22 12:51:28][INFO][mode: data][stage: data migration][step: Customer Attributes Step]: started 100% [=================] Remaining Time: 1 sec. [2016-03-22 12:51:32][INF0][mode: data][stage: volume check][step: Customer Attributes Step]: started 100% [=============] Remaining Time: 1 sec. [2016-03-22 12:51:32][INFO][mode: data][stage: data migration][step: Map Step]: started 11% [===>----- ] Remaining Time: 31 mins

[PDOException] SQLSTATE[08S01]: Communication link failure: 1153 Got a packet bigger than 'max\_allowed\_packet' bytes

http://stackoverflow.com/questions/5688403/how-to-check-and-set-max-allowed-packet-mysql-variable

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## Nach Migration - Attribut-Typen-Problem bei Bildern

## Produktaufruf im Backend führt zu:

Class media\_image does not exist

#0 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Code/Reader/ClassReader.php(19): #1 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/ObjectManager/Definition/Runtime #2 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/ObjectManager/Factory/Dynamic/De #3 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/ObjectManager/ObjectManager.php #4 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Data/Form/Element/Factory.php(8) #5 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Data/Form/AbstractForm.php(155) /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/Data/Form/Element/Fieldset.php(2 #6 #7 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-backend/Block/Widget/Form.php(195) #8 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-catalog/Block/Adminhtml/Product/Edi Object(Magento\Framework\Data\Form\Element\Fieldset), Array) #9 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-backend/Block/Widget/Form.php(141) #10 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Element/AbstractBlock.php/ #11 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-catalog/Block/Adminhtml/Product/Ed #12 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Element/AbstractBlock.php #13 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Layout/Generator/Block.phg #14 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Layout/GeneratorPool.php(8 Object(Magento\Framework\View\Lavout\Generator\Context)) #15 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Layout.php(327): Magento\ Object(Magento\Framework\View\Layout\Generator\Context)) #16 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Lavout/Builder.php(129): #17 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Page/Builder.php(55): Mage #18 /home/svewap/srv/www/yhosts/magento/monolithique2/yendor/magento/framework/View/Layout/Builder.php(65): Magento/monolithique2/yendor/magento/framework/View/Layout/Builder.php(65): Magento/framework/View/Layout/Builder.php(65): Magento/framework/View/Layout/Builder.php(65): Magento/framework/Yendor/magento/framework/View/Layout/Builder.php(65): Magento/framework/View/Layout/Builder.php(65): Magento/framework/View/Layout/Builder.php(65): Magento/framework/Yendor/magento/framework/View/Layout/Framework/View/Layout/Framework/View/Layout/Framework/View/Layout/Framework/Framework/Fram</phogento/framework/Frame #19 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Layout.php(244): Magento\R #20 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/View/Layout.php(859): Magento\F #21 /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/module-backend/Model/View/Result/Page.php

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# Nach Migration - Behebung

## PHP-Skript schreiben

```
$link = new PDO(
    'mysql:host=localhost;dbname=monolithique2',
    'svewap',
    ");
if (!$link) {
    die('Verbindung schlug fehl: ');
}
foreach ($link->query('SELECT * FROM eav_attribute WHERE frontend_input = \'media_image\'') as $row) {
    $attributeId = $row['attribute_id'];
    echo $attributeId."\n";
    $link->query('UPDATE catalog_eav_attribute SET frontend_input_renderer =
    \'Magento\Catalog\Block\Adminhtml\Product\Helper\Form\BaseImage\'' WHERE frontend_input_renderer = NULL');
}
```

# Nach Migration: Zeichensatzproblem bei Umlauten entdeckt

Produkttexte abgeschnitten

Stand: 18.04.16



https://github.com/magento/data-migration-

tool/pull/28/commits/f5e73682ca846fb96cd0888bb4b0c09ba5bb8c2c

- Datenbank komplett neu einspielen
- Fix durchführen
- Migration erneut durchführen

# Nach Migration



## DI kompilieren mit installiertem Migration Tool

setup:install	Installs the Magento application
setup:performance:generate-fixtures	Generates fixtures
setup:rollback	Rolls back Magento Application codebase, media and database
setup:static-content:deploy	Deploys static view files
setup:store-config:set	Installs the store configuration
setup:uninstall	Uninstalls the Magento application
setup:upgrade	Upgrades the Magento application, DB data, and schema
theme	
theme:uninstall	Uninstalls theme
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We're sorry, an error occurred. Try clearing the cache and code generation directories. By default, they are: var/cache, var/di, var/generation, and var/page\_cache.

#### [ErrorException]

Argument 1 passed to Migration\Console\MigrateSettingsCommand::\_\_construct() must be an instance of Migration\Config, instance of Magento\Framework\ObjectManager\ObjectManag given, called in /home/svewap/srv/www/vhosts/magento/monolithique2/vendor/magento/framework/ObjectManager/Factory/AbstractFactory.php on line 97 and defined

svewap@lupus:~/srv/www/vhosts/magento/monolithique2>

### https://github.com/magento/data-migration-tool/issues/64

## Nach der Migration

Reindex durchführen

php bin/magento indexer:reindex

Hilfskript bauen, um alle manuellen Anpassungen in der Datenbank jederzeit wiederholen zu können

Template migrieren (Fortsetzung folgt)

Module ersetzen/neue installieren (Fortsetzung folgt)

# Tschö wa!