



BigCommerce - Magnolia Connector Module

July 12th 2020

Version 1.0

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1. The BigCommerce Connector for Magnolia

BigCommerce is highly scalable headless commerce platform, delivering commerce APIs for for both B2C and B2B consumers. It's based on loosely coupled architecture that's highly available and extensible with lots of integrations out-of-the-box. The BigCommerce Magnolia Commerce Connector Pack module allows you to connect your external BigCommerce platform with Magnolia instance. You can use e-commerce content within Magnolia as if it were native Magnolia content. The modules provide access to shopping cart management and checkout functionality that directly interacts with your e-commerce solution via REST.

1.1 Features

The base version of connector offers the following functionality

- Viewing of Categories and Products
- Viewing of Product Images
- REST API for basic shopping cart functionality
- REST API for basic Checkout functionality
- Search APIs for accessing products and categories.

For more features like support for, subscribe to enterprise plan

- Pagination
- Variants,
- Custom Checkout
- Customer Fields
- Support for Promotions/Coupons

Please contact info@ayatacommerce.com for more details.

1.2 Installing

Maven is the easiest way to install the modules. Add the following dependencies to your webapp. All the other necessary dependencies will be brought in automatically:

```
<dependency>
  <groupId>info.magnolia.ecommerce</groupId>
  <artifactId>magnolia-ecommerce</artifactId>
  <version>1.1.1</version>
</dependency>
<dependency>
  <groupId>info.magnolia.ecommerce</groupId>
```

```
<artifactId>magnolia-ecommerce-ui</artifactId>
<version>1.1.1</version>
</dependency>
```

BigCommerce Client SDK and BigCommerce Magnolia Connector Module has to be installed from GitHub packages.

To install an Apache Maven package from GitHub Packages, edit the pom.xml file to include the package as a dependency.

```
<dependency>
  <groupId>info.magnolia.ecommerce</groupId>
  <artifactId>magnolia-ecommerce-bigcommerce-connector</artifactId>
  <version>1.1.1</version>
</dependency>
```

GitHub Packages supports SNAPSHOT versions of Apache Maven. To use a repository for downloading this type of artifact, you must enable SNAPSHOTS in your ~/.m2/settings.xml file.

```
<settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0
    http://maven.apache.org/xsd/settings-1.0.0.xsd">

  <activeProfiles>
    <activeProfile>github</activeProfile>
  </activeProfiles>

  <profiles>
    <profile>
      <id>github</id>
      <repositories>
        <repository>
          <id>central</id>
          <url>https://repo1.maven.org/maven2</url>
          <releases>
            <enabled>true</enabled>
          </releases>
        </repository>
      </repositories>
    </profile>
  </profiles>
</settings>
```

```
        <snapshots>
          <enabled>>true</enabled>
        </snapshots>
      </repository>
      <repository>
        <id>github</id>
        <name>AyataCommerce Apache Maven Packages
        </name>

<url>https://maven.pkg.github.com/AyataCommerce/bigcommerce</url>
      </repository>
    </repositories>
  </profile>
</profiles>

  <servers>
    <server>
      <id>github</id>
      <username>USERNAME</username>
      <password>TOKEN</password>
    </server>
  </servers>
</settings>
```

For getting a Personal Access Token, please contact info@ayatacommerce.com.

1.3 Configuration

You can add your connection configuration to the connections list (see YAML example line 15) or in the JCR under `<ecommerce-bigcommerce-connector>/ecommerces/<definition-name>/connections/<connection-name>`.

If you do not want the connection definition to appear in any of the subapps, set the `enabled` property (YAML line 3) to `false`.

Note that you can write your own bigcommerce implementation (YAML lines 4-14) or in the JCR under `<module-name>/ecommerces/<definition-name>/implementation` to suit your requirements, for example, to use additional features such as cross- and up-selling or custom features such as your own checkout solution.

```
class: info.magnolia.ecommerce.common.EcommerceDefinition
```

```
type: bigcommerce
enabled: true
implementation:
  products:
    all: info.magnolia.ecommerce.bigcommerce.products.All
    byId: info.magnolia.ecommerce.bigcommerce.products.ById
    byCategoryId: info.magnolia.ecommerce.bigcommerce.products.ByCategoryId
    searchByText: info.magnolia.ecommerce.bigcommerce.products.SearchByText
  categories:
    all: info.magnolia.ecommerce.bigcommerce.categories.All
    byId: info.magnolia.ecommerce.bigcommerce.categories.ById
    byParentCategoryId:
info.magnolia.ecommerce.bigcommerce.categories.ByParentCategoryId
    byProductId: info.magnolia.ecommerce.bigcommerce.categories.ByProductId
connections:
  connectionName:
  enabled: true
  parameters:
    clientId: { { CLIENT_ID } }
    accessToken: { { AUTH_TOKEN } }
    apiUrl: https://api.bigcommerce.com/stores/{{STORE_HASH}}/v3
    storeHash: /{{STORE_HASH}}/
```

1.3.1 Connection configuration properties

These are the properties used to configure a connection to BigCommerce Platform.

Property	Description
class	required info.magnolia.ecommerce.common.EcommerceDefinition
type	required Your e-commerce solution: magento, commercetools, bigcommerce or salesforce-commerce
enabled	required true or false
connections	
connectionName	
enabled	required Shows if the connection is enabled or not: true or false
parameters	
clientId	required Unique Client Identifier for BigCommerce to be passed as value for Header (X-Auth-Client).
accessToken	required Client secret for BigCommerce to be passed as value for Header (X-Auth-Token).
apiUrl	required API URL.
storeHash	required Unique Store Identifier for BigCommerce

1.4 Screenshots

magnolia Find... 0 Tasks 0 Notifications LOCAL e-Commerce Au... superuser

E-commerce Configuration Lightweight Ja... Slim-Fit Down ...

E-commerce

Name
bigcommerce
connectionName
All Styles
Women
Lightweight Jackets
Short Down Coats
Long Down Coats
GORE-TEX Collection
Gilets
Men
Kids
Lightweight Jackets
Short Down Coats
Long Down Coats

Catalogs

[View products](#)

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E-commerce Configuration Lightweight Ja... Slim-Fit Down ...


Products

Name
<input checked="" type="checkbox"/> Slim-Fit Down Jacket
<input type="checkbox"/> Women's Lightweight Hooded Packable Down Jacke
<input type="checkbox"/> Women's Lightweight Packable Down Jacket

Products

[View detail](#)

Preview



E-commerce Configuration rh Lightweight Ja... Slim-Fit Down ...

Product image	https://cdn11.bigcommerce.com/s-kb0gdf01ow/products/2154/images/2372/J001_33524.15947268
Product name	Slim-Fit Down Jacket
SKU	B90142156Y
Description	<pre><pre class="_28cEs" data-hook="description">Our street collection-Collaboration with Italian designer Pietro Ferragina ; featuring contrast colours of the 24 colour hue, breaking the dull winter atmosphere and create a vibrant and dramatic visual effect.<br /-></pre></pre>
Price	334.99
Categories	All Styles Lightweight Jackets