



BigCommerce - Magnolia Connector Module

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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>
          <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

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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 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. </pre></pre> |
| Price | 334.99 |
| Categories | All Styles Lightweight Jackets |