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# Commerce Workshop

From Zero to Production

## AGENDA

CREATE DIGITAL STORE SITE

IMPORT PRODUCTS

CREATE MASTER PAGE LAYOUT

CREATE CATALOG PAGE

CREATE COMPOSABLE PRODUCT DETAIL PAGE

CONFIGURE COMMERCE CHANNEL

CREATE BASIC ORDER PAGES

ADD LOW CODE INTEGRATION ACTION

## GOAL OF THIS WORKSHOP

To build an online store leveraging Liferay Commerce Out-of-the-Box widgets and functionalities.

## HOW WE ARE GOING TO DO IT

It's a hands-on workshop, so if you have a working Liferay instance\*, please start it now. We will walk you through all the steps.

Otherwise, you can sit and enjoy the ride :)

\*Depending on your Liferay version, some features of this workshop may be not available

## CREATE DIGITAL STORE SITE

1. Using Site Initializer  
or
2. Using a blank site

# CREATE DIGITAL STORE

## Using Site Initializer

Default pages

Default theme

Sample Catalog and  
Products

## Using a blank site

Creating pages from  
scratch

Create Catalog

Import products

Configure commerce  
channel

# CREATE DIGITAL STORE

Using a blank site

Creating pages from  
scratch

Create Catalog

Import products

Configure commerce  
channel



## CREATE DIGITAL STORE SITE

1. Create a new Site using the “Blank site” template

## CREATE AND CONFIGURE COMMERCE CHANNEL

1. Create new Channel of type "Site"
2. In the tab "Type" select your site
3. Fix all Channel Health Checks
4. Type: B2X
5. Payments and Shipping



## CREATE MASTER PAGE LAYOUT

- Using the OOTB fragments “Account Selector” and “Mini Cart”
  1. Create a new Master Page Template
  2. Drag and drop a Container fragment on the top (Flex Row)
  3. Drag and drop the “Account Selector” fragment in the header container
  4. Drag and drop the “Mini Cart” fragment in the header container

## CREATE CATALOG PAGE

- Using the OOTB widget “Search Results”
  - Using Facets and Filters
- 
1. Create a new Content Page and select our Master Page Template
  2. Drag and drop the “Search Results widget”
  3. Drag and drop the “Search Options widget” -> Allow empty searches

*Optional: Drag and drop “Specification Facet” and “Category Facet”*

## IMPORT PRODUCTS

1. Create a new Catalog (and note the catalogId)
2. Using batch APIs (or Using Import/Export Center but still a BETA feature)

### Using APIs

**Endpoint:** /o/headless-commerce-admin-catalog/v1.0/products/batch

### Download Json file:

<https://github.com/danieldefrancisco-lr/devcon-workshop/tree/master/Initialization%20Files>

//

<https://rb.gy/nfhdj>

# Create a new catalog

*Applications Menu >> Commerce  
>> Catalog*

- 1. Note the ID*
- 2. Substitute the catalog Id in the JSON file with your catalog Id*

**Add Catalog** [X]

Name \*  
Devcon Workshop

Default Catalog Language \* ⓘ  
English (United States)

Currency \*  
Euro

Cancel Submit

< Catalogs

**Devcon Workshop** ID: 48301 ⓘ  
ERC: ffa1fcb5-40c2-2c15-5c9d-fe010189820d ⓘ ✎

**Details**

Name \*  
Devcon Workshop

Default Catalog Language \* ⓘ  
English (United States)

# Import Products with API

1. Navigate to: /o/api
2. Select */headless-commerce-admin-catalog/v1.0/*
3. Search for "Product"
4. Paste JSON in request body of POST /v1.0/products/batch
5. Execute

**POST** /v1.0/products/batch

**Parameters**

Name	Description
callbackURL	<input type="text" value="callbackURL"/>
string	
(query)	

**Request body**

```
[
  {
    "active": true,
    "catalogId": 44306,
    "categories": [
      {
        "id": 44347,
        "name": "Engine"
      }
    ],
    "createDate": "2023-04-26T08:05:24Z",
    "customFields": [],
    "description": {
      "en_US": "From a legacy of greatness comes a new standard of speed. lightest Madone disc ever, pushing the boundaries of what's possible with a triple threat o",
      "displayDate": "2022-04-26T08:05:00Z",
      "expando": {}
    }
  }
]
```

**Execute**

## CREATE COMPOSABLE PRODUCT DETAIL PAGE

1. Using the OOTB widget “Product Details”  
or
2. Create a Display Page Template for Commerce Products
  - a. Using Product Fragments

Optional: Add other elements like FAQs, Contents...

## CREATE BASIC ORDER PAGES

- Using the OOTB widgets “Open Carts” and “Placed Orders”
1. Create one content page for each using our Master Page Template
  2. Drag and drop the “Open Carts” in one page
  3. Drag and drop the “Placed Orders” in the other page



## CUSTOMIZE CHECKOUT

- Using the Channel Settings
  1. Activate “Flat Rate” shipping and add a couple of Shipping options
  2. Activate the “Requested Delivery Date at Checkout”

## ADD LOW CODE INTEGRATION ACTION

- Using Liferay Object Actions after order approval
  1. Create a new action for the Commerce Order object
    - a. **When:** On Order Status Updated
    - b. **Condition:** orderStatus == 10 (order is accepted)
    - c. **Then:** Webhook\*

\*Go first to <https://webhook.site/> and create a mock webhook to see how it receives the order in JSON format.



## How was this session?

Please share your rating in  
the event app. Thank you!