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UP AND RUNNING WITH DRUPAL COMMERCE

HELLO!

I am Frances Litt

Project Specialist at Coldfront Labs



What is Drupal Commerce?

- ▶ Open-source eCommerce platform
- ▶ Installed and enabled like any other Drupal module
- ▶ Adds data objects and user interfaces for configuring the components required to sell products on a Drupal website
- ▶ Supported and enhanced by a large ecosystem of related modules



Goal

- ▶ Understand the components involved in Drupal Commerce
- ▶ Learn how to configure a basic site using Drupal Commerce
- ▶ Gain an understanding of the wide array of additional options/features available

DRUPAL COMMERCE: BASIC COMPONENTS AND CONCEPTS



Store

- ▶ Controls the billing and shipping countries that are available during checkout
- ▶ Sets currency and taxes for products and orders



Product

- ▶ Item being sold
 - ▷ 'Snow Squall Medium Roast' coffee beans
- ▶ **Product type** - category of product.
 - ▷ Coffee beans
- ▶ **Product attribute** - selectable properties of a product
 - ▷ Grind
 - ▷ Weight of bag
- ▶ **Product variation** - product + attributes
 - ▷ Snow Squall beans, Espresso grind, Small bag



Order

- ▶ Entity containing the product variation, quantities, and prices (including applicable taxes) for a purchase.
- ▶ Each *order* has an **order type** which defines the workflow, order refresh rate, cart settings, and checkout settings
- ▶ Each *order item* (aka line item in an order) has an **order item type** that is:
 - ▷ Fieldable
 - ▷ Specifies the applicable type of tax for the order item



Payment Gateway

- ▶ Required to accept payments
- ▶ Recommended to install an existing module for payment provider of choice (eg: Stripe, PayPal, etc.) but you can write your own payment gateway if necessary
- ▶ Do not store credit card information!
 - ▷ Ensure that sensitive information is tokenized or passed directly to the payment provider.

Demo

Setting up a site
with Drupal
Commerce



Integration and Extensions

- ▶ Many options for managing stock, shipping, advertisements, integrating 3rd party payment methods, and more!
- ▶ <https://www.drupal.org/project/commerce/ecosystem>



Managing Stock

- ▶ Commerce Stock
 - ▷ Transaction-based inventory management
 - ▷ Stock history and audit
 - ▷ Multi-store support
 - ▷ Multiple stock locations
 - ▷ Etc.



Promotions and Advertising

- ▶ Promotions
 - ▷ Available in Commerce Core
 - ▷ Ability to configure pricing rules for specific situations.
 - ▷ Ex: 10% off on Aug 2nd for DrupalCamp Ottawa
- ▶ SimpleAds
 - ▷ Create advertisement blocks and campaigns
 - ▷ View advertisement statistics



Shipping

- ▶ Commerce Shipping
 - ▷ Shipping rate calculation system for Drupal Commerce
 - ▷ Integrates shipping service selection into the checkout form and order edit form
 - ▷ To be used in conjunction with modules such as Commerce Flat Rate, Commerce UPS, and others



Payment Gateways

- ▶ There are many payment gateways available for Drupal Commerce
 - ▷ PayPal
 - ▷ Authorize.net
 - ▷ Braintree
 - ▷ Square
 - ▷ Stripe
 - ▷ Affirm
 - ▷ Etc.



Resources

- ▶ <https://drupalcommerce.org/>
- ▶ <https://www.drupal.org/project/commerce>
- ▶ <https://drupal.stackexchange.com/questions/298981/how-do-order-types-and-order-item-types-work>
- ▶ <https://docs.drupalcommerce.org/v2/developer-guide/payments/gateways/>
- ▶ <https://www.drupal.org/project/commerce/ecosystem>



THANKS!

Any questions?

You can contact me @ flitt@coldfrontlabs.ca



Credits

Special thanks to Jacqueline Lefebvre for initial content creation for coldfront.coffee.

Thanks as well to all the people who made and released these awesome resources for free:

- ▶ [Simple line icons](#) by Mirko Monti
- ▶ [E-commerce icons](#) by Virgil Pana
- ▶ [Streamline iconset](#) by Webalys
- ▶ Presentation template by [SlidesCarnival](#)
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