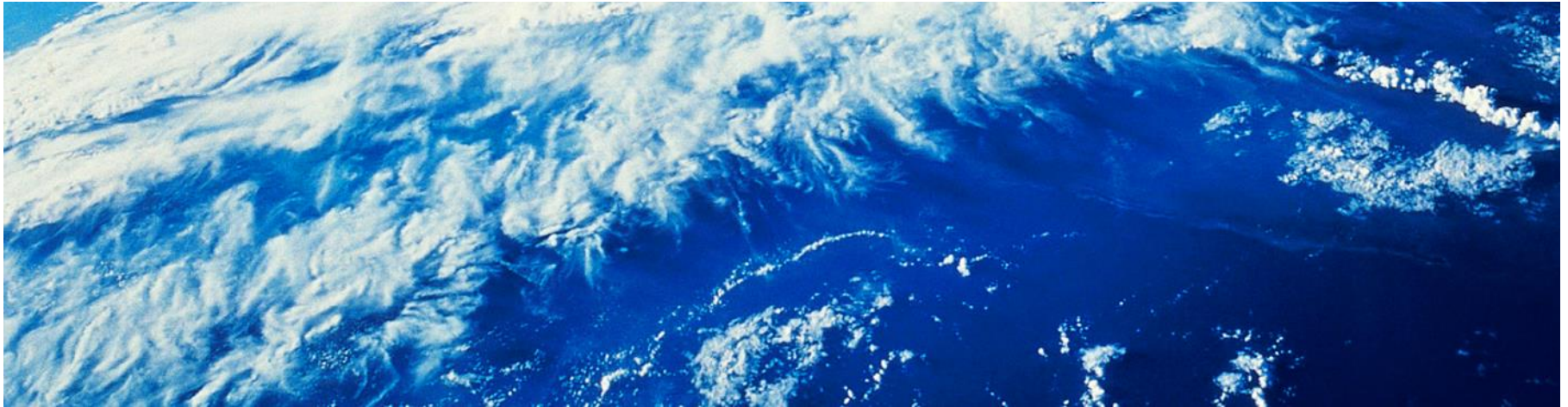


IBM WebSphere Commerce V8.0

Social Commerce Accelerators

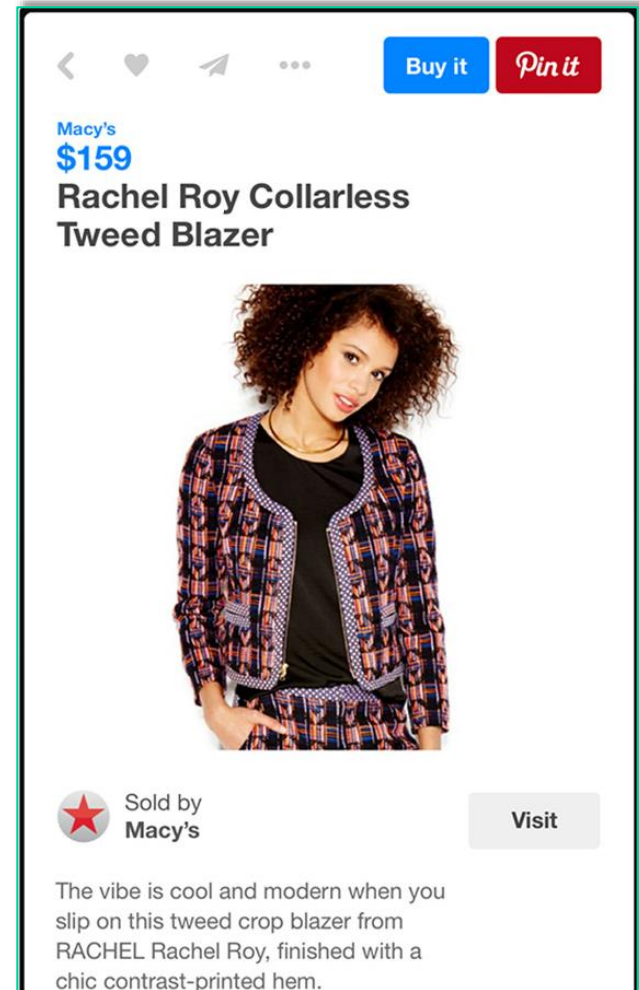


Agenda

- Buyable Pins
- REST API
- Downloadable Asset
- Installation
- Extensions

Buyable Pins

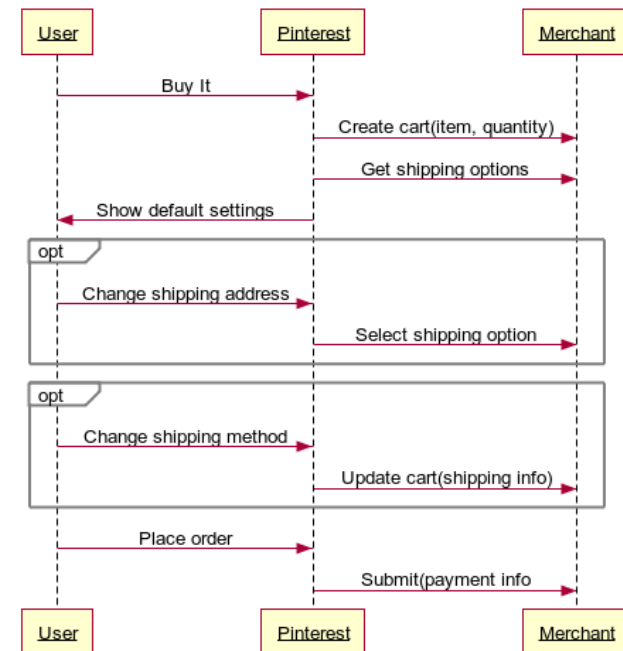
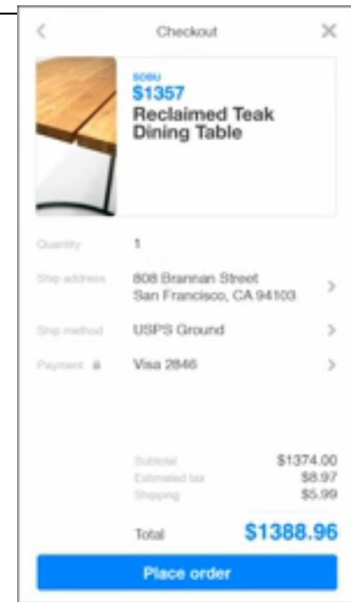
- Pinterest introduced Buyable Pins in June 2015 for US retailers and buyers
- When a product is buyable, the price appears in bold, blue to the user and a “Buy it” button is shown next to the “Pin it” button
- This allows a quick buying experience, right from the mobile Pinterest app
- A downloadable asset is available from the [IBM ExperienceOne developerWorks Community](#)
- This asset is built for WebSphere Commerce V7 FEP8 and later, but can be modified for earlier versions that supports REST services



Architecture

- The integration is built via a set of REST services exposed by WC with two new resources:
 - /pinterest/carts
 - Interact (create/update/delete/show) with a user's shopping cart
 - /pinterest/products
 - Get details for a particular product

- The API allows for fine-grained as well as bulk changes to an order
 - Create order with items, quantities, shipping address
 - Retrieve a list of supported shipping modes
 - Add coupons, shipping modes, shipping address
 - Place order, including payment information



API

Resource	Action	Description	Parameters
<code>/store/{storeId}/pinterest</code>			
<code>/carts</code>	POST	Create a new cart	<ul style="list-style-type: none"> Items to add Address
<code>/carts/{cartId}</code>	POST GET DELETE	Update, retrieve, or delete a cart	(for POST, all optional) <ul style="list-style-type: none"> Replacement items Coupons Address Shipping method
<code>/carts/{cartId}/available_shipping_options</code>	GET	List the available shipping methods	
<code>/carts/{cartId}/pay</code>	POST	Add payment information and submit order	Payment instruction
<code>/products/{partNumber}</code>	GET	Retrieve details for a product	

Creating a cart

- Pinterest will call this API to create a new cart with the specified items and quantities. WC will create a new cart and add the items. If an address is specified, it is added to the cart
- URL:
`/store/{storeId}/pinterest/carts/{cartId}/available_shipping_options`

- POST data:

```
data: {
  cart: {
    cart_items: [
      {
        item: partnumber,
        quantity: quantity
      },
      ...
    ],
    cart_shipping_detail: ...
  }
}
```

Listing shipping methods

- Pinterest will call this API to create a new cart with the specified items and quantities. WC will create a new cart and add the items. If an address is specified, it is added to the cart
- URL: `/store/{storeId}/pinterest/carts`
- Returns cart data, including shipping methods

Updating a cart

- Pinterest will call this API to create a new cart with the specified items and quantities. WC will create a new cart and add the items. If an address is specified, it is added to the cart
- URL: `/store/{storeId}/pinterest/carts/{cartId}`
- POST data (all optional):

```
data: {
  cart: {
    cart_items: ...,
    cart_shipping_detail: ...,
    coupons: ...,
    shipping_option_id, ...
  }
}
```


Adoption

- Download asset from wiki page (see references)
- Modify to suit your particular store, as needed
 - Note that this is an Accelerator asset, so you should ensure that you have sufficiently tested the code in your environments
- Contact Pinterest to set up an arrangement to sell items through their mobile apps

Customization

- The asset is available with full source code and can thus be customized to suit any specific requirements

Troubleshooting

- Using standard REST and Order frameworks, so existing troubleshooting for these frameworks apply
- For the asset itself, adding the following trace string will output all interactions:

```
com.ibm.commerce.pinterest.rest.carts.*=all
```

- The code is available, so additional tracing can be added as needed

Other sessions related to WC V8 and Commerce Insights

Date	Time	Session	Topics	Speaker(s)
Mon 30 Nov	10:00-12:00 ET	Overview	Overview session, covering all that is new in WC V8 and CI	Nicolai Nielsen
Tue 01 Dec	10:00-12:00 ET	Commerce Insights	Functionality and on-boarding for Commerce Insights	Katherine Langdon Karson Ng Daisy Tan
Wed 02 Dec	10:00-12:00 ET	Management Center	New framework and UI for IBM Management Center	Bruce Baker Judy Chan
Thu 03 Dec	10:00-12:00 ET	Stack Changes	Changes in the stack, licensing, and removed features in WC V8	Nicolai Nielsen
Fri 04 Dec	10:00-12:00 ET	Migration	Migration approach and tooling in WC V8	Nicolai Nielsen
Mon 07 Dec	10:00-12:00 ET	Customer Service	Overview of the new Aurora Customer Service tools	Guru Shamanna Karson Ng
Tue 08 Dec	10:00-11:00 ET	Social Commerce Accelerators	Coverage for the Social Commerce Accelerators (note: not V8-specific)	Nicolai Nielsen
Tue 08 Dec	11:00-12:00 ET	New Maintenance Strategy		Nicolai Nielsen

References

- Pinterest Buyable Pins
 - <https://business.pinterest.com/en/buyable-pins>
- IBM WebSphere Commerce Pinterest Accelerator
 - https://www.ibm.com/developerworks/community/wikis/home?lang=en#!/wiki/W214f7731a379_4712_a1ce_5d7a833d4cca/page/WebSphere%20Commerce%20-%20Pinterest%20accelerator/version/1e87e352-d7b4-4afd-99ce-295116ef63be

Thank You!

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Title

- Items...