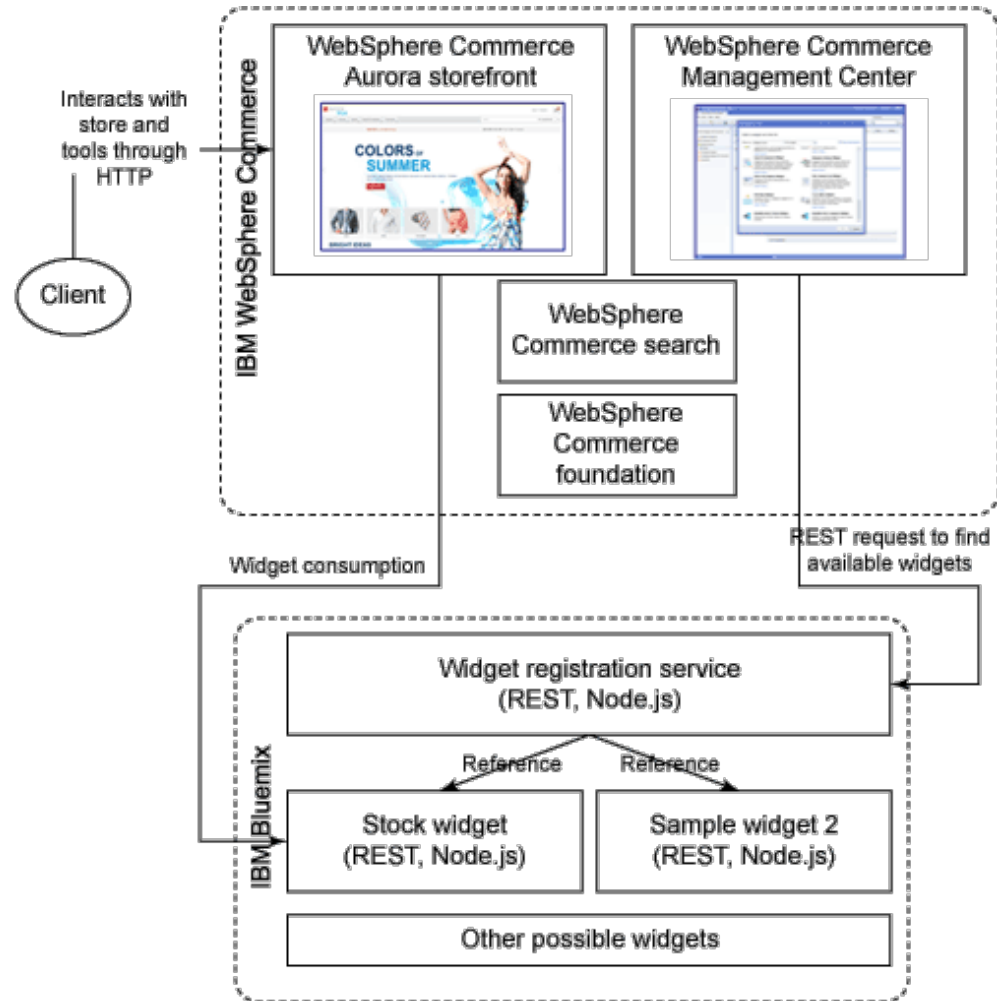


Using IBM Bluemix to build and deploy WC widgets

- Article on IBM developerWorks
- Article describes an approach for building widgets for WC on the IBM Bluemix platform
- Widgets can be added to store pages from Management Center, regardless of where they are deployed
 - Article showcases deployment on Bluemix, but the target could be any cloud, or internal enterprise service



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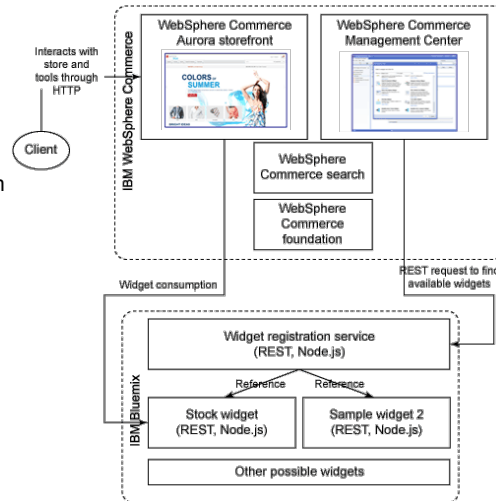
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<http://www.ibm.com/developerworks/cloud/library/cl-bluemix-commerce/index.html>

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We have investigated options for developing and deploying WebSphere Commerce widgets using IBM Bluemix.

The results and recommendations for this has been published as an article on IBM developerWorks by Marco Deluca, David Finn, and Octavio Roscioli.

The figure on this slide outlines the lifecycle of a WebSphere Commerce widget running in Bluemix.

During page authoring, the Management Center would issue a REST call to a discovery service, running in Bluemix, to get a list of available widgets and their metadata. Effectively, the information that is retrieved from the WebSphere Commerce widget tables for locally running widgets.

Later, when a page containing a Bluemix widget renders, WebSphere Commerce can either display the Bluemix UI in an i-frame, by consuming the HTML using c-import, or by rendering the UI on the WebSphere Commerce side and call out to Bluemix for data using REST APIs.

Note that although we focus on deployment in Bluemix, the architecture allows for the widget to be running in other cloud services, as long as the required communication between the WebSphere Commerce runtime and the widget is supported.



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