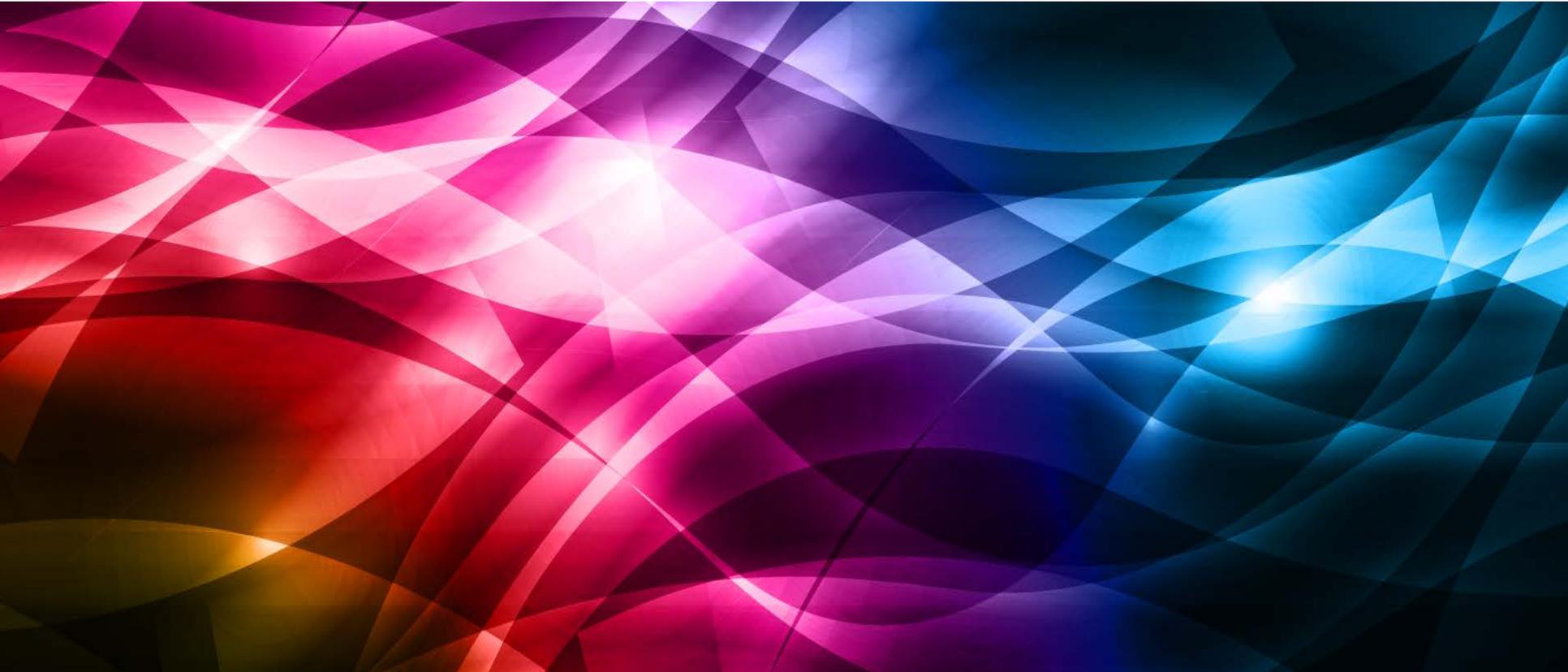


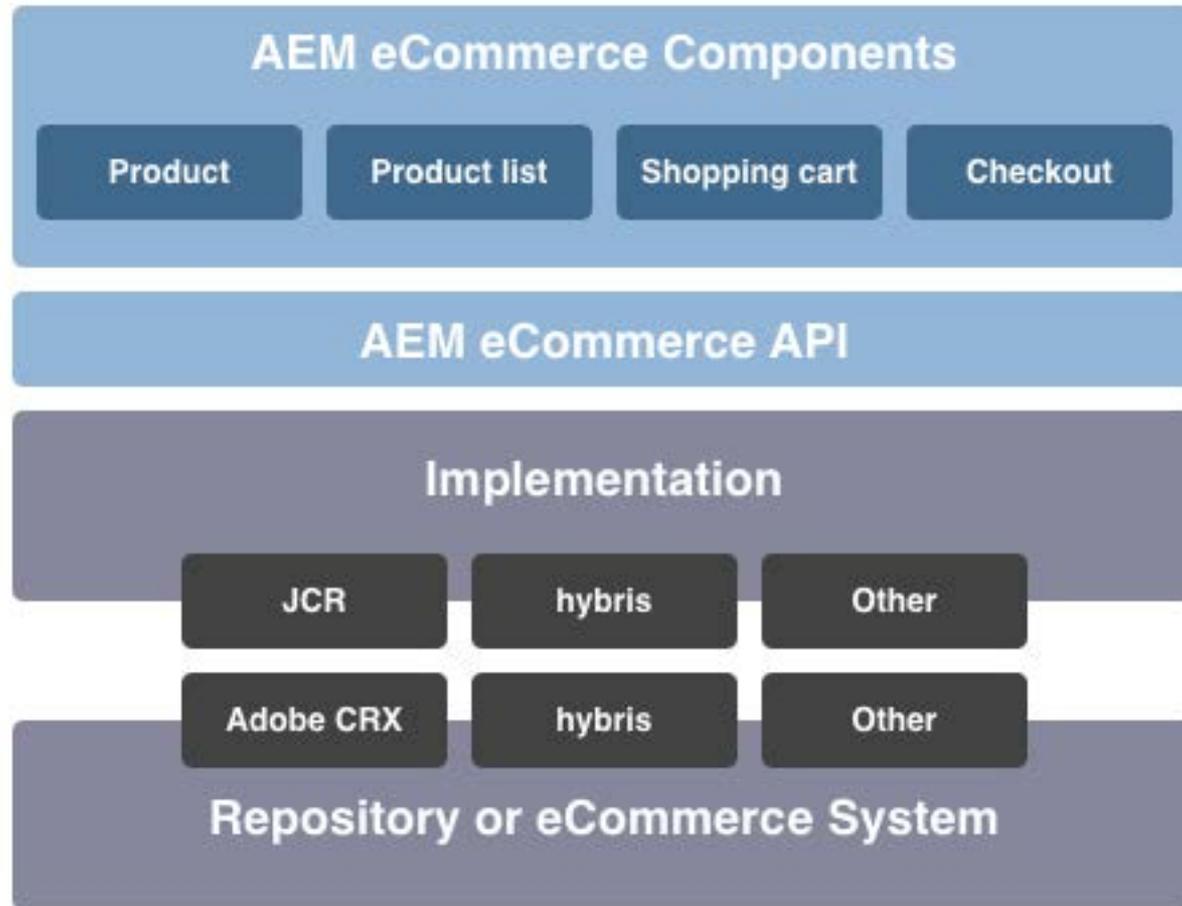


CQ Gems on Adobe Experience Manager

Felix Oghina | hybris/AEM 5.6 eCommerce framework integration



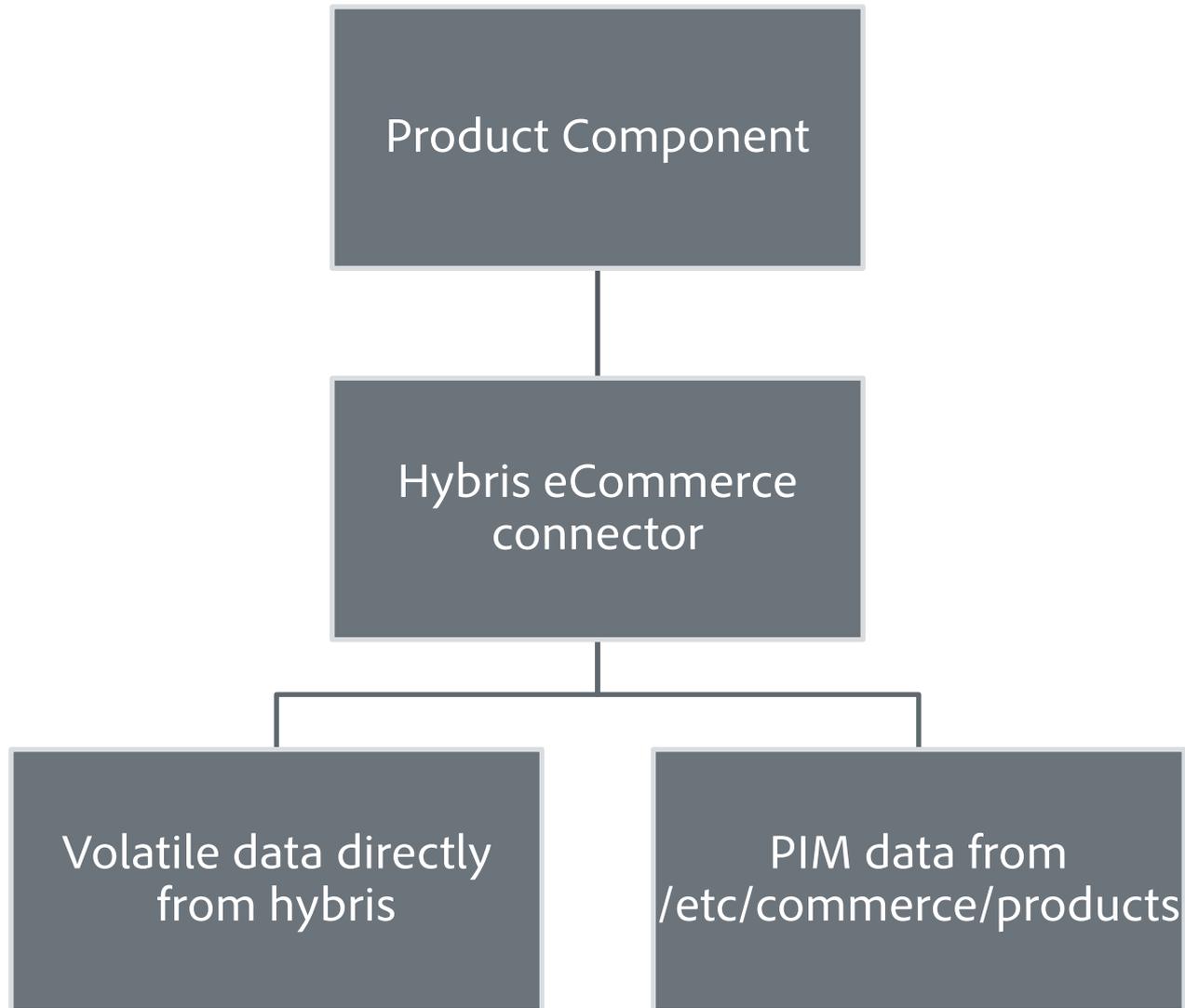
eCommerce framework review



Hybris integration: product data flow

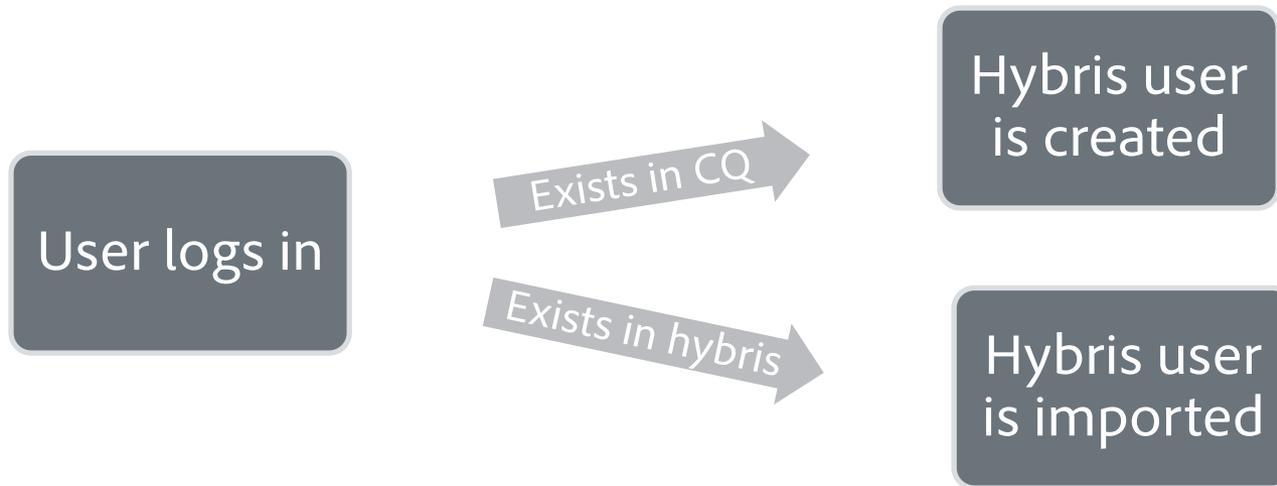


Hybris integration: product data display



User synchronization

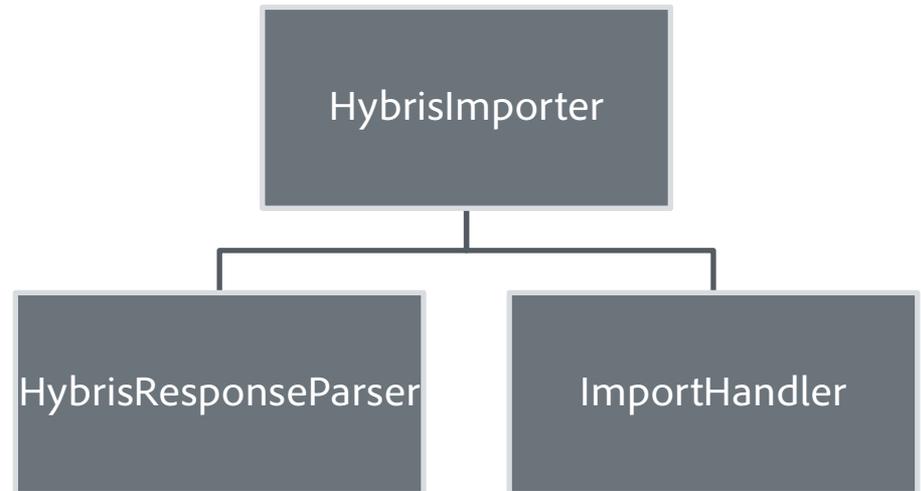
- Lazy import of hybris users into CQ
- Lazy creation of CQ users in hybris
- CQ stores hybris authentication data for later re-use
- Pluggable architecture for custom authentication schemes (SAML, OAuth)



Demo

Customizing the import process

- Need to add PIM attributes? Extend HybrisResponseParser.
- Need to change the imported data hierarchy? Extend ImportHandler.
- Need to customize what services are called when importing data? Extend HybrisImporter.



Customizing the catalog rollout process

- Extend DefaultHybrisService
 - #catalogRolloutHook
 - #sectionRolloutHook
 - #productRolloutHook
- Extend HybrisFactory
 - #getCommerceService
 - Update cq:commerceProvider properties

Customizing product and price loading

- HybrisFactory#getProduct is responsible for creating Product instances
- HybrisSession#getProductPriceInfo is responsible for getting the correct price for a product for the current user

Other extension points

- HybrisService#login is responsible for extracting SessionInfo from a request
- HybrisFactory#getSession is responsible for creating HybrisSession instances
- ProfileSynchronizer#syncProfile is responsible for sync the user's CQ profile to the respective hybris account
- HybrisConnection is responsible for actually sending HTTP(S) requests to the Hybris server
- HybrisAuthenticationHandlers are responsible for authenticating HTTP(S) requests. The one with the highest service.ranking OSGi property is picked

Resources

- adobe.com/go/gems
 - Upcoming Gem Sessions
 - On-demand Gem Recordings
 - In-person events where you can meet Adobe Experts
- Developer Resources:
 -  [@Adobe CQ](#) [@bdelacretaz](#) [@paolomoz](#)
 -  [Adobe WEM](#)
 -  [I am a Developer](#) [Articles](#) [Subscribe](#) [Blogs](#)
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