Lyo Core extensions and PLM Specs Demo script

Pre condition: Modified Lyo CM and new PM server available (no existing entries needed)

Step	Objective	Sub step	Details	Notes
UC-4 Create and modify CR				
1.1	Create a CR in the Lyo CM server	Generate	Use Lyo to create a CR resource	
1.2		Title	Correct the title that Lyo adds "Update for US and EU 2016 ULEV standards"	Add a number if a change base resource already exists with this name
1.3		Description	Update the description "Need to change HSUV global vehicle to meet Both US and EU 2016 ULEV Ultra Low Emission standards"	
1.4		ShortTitle	Add a short title in the RDF CR reference number "ECR-000031"	Lyo CM not show as HTML Need a link to the sample RDF
1.5		Validate	Use the W3 Validator to check the RDF, show the graph	http://www.w3.org/RDF/Validator/
UC-4 Create and modify OSLC Resources and Resource versions				
2.1	Create a CR version in the Lyo CM server	Generate	Use Lyo to create a CR resource	Lyo only creates CR resources so a version must be hand edited
2.2		Title	Correct the title that Lyo adds "US and EU 2016 ULEV standards version A"	
2.3		Description	Update the description "Need to change HSUV global vehicle to meet Both US and EU 2016 ULEV Ultra Low Emission standards"	
2.4		ShortTitle	Update the short title in the RDF CR reference number "ECR-000031/A-US and EU 2016 ULEV standards"	
2.5		Type	Add the type of ResourceVersion to the RDF	Note that the RIO listing will not show the CRversion Type Need a link to the sample RDF

Step	Objective	Sub step	Details	Notes
2.6		isVersionOf	Add the isVersionOf link to the base CR URI, created in Step 1, to the RDF	Need a link to the sample RDF
2.7		Validate	Use the W3 Validator to check the RDF and view graph	http://www.w3.org/RDF/Validator/
2.8		Query	Use a SPARQL query to show the CRs and associated versions	Version Title, Version URI, Relationship type (Should), Base resource Title, Base Resource URI
3.1	Create a Product Base and 2 versions in the Lyo PM server	Generate	Use Lyo to create 1 Product resource and 2 versions	Note the modified PM Server creates a sets of products and version resources
3.2		Title	Correct the Product title that Lyo adds "HSUVEXAMPLE base product"	Add a number if a product base resource already exists with this name
3.3		Description	Update the description "HSUVEXAMPLE base product "	
3.5		ShortTitle	Update the short title in the RDF Product reference number "AMG54556"	Lyo CM not show as HTML Need a link to the sample RDF
3.6		Validate	Use the W3 Validator to check the Product RDF and view graph	http://www.w3.org/RDF/Validator/
4.1	Modify the product versions created in the Lyo PM server	Title	Correct the Product version title that Lyo adds "HSUVEXAMPLE Version 1	Add a number if a product base resource already exists with this name
4.2		Description	Update the description "HSUVEXAMPLE Version 1"	
4.3		ShortTitle	Update the short title in the RDF Product reference number "AMG54556/001-HSUVEXAMPLE"	Lyo CM not show as HTML Need a link to the sample RDF
4.4		Validate	Use the W3 Validator to check the Product version RDF and view graph	http://www.w3.org/RDF/Validator/

Step	Objective	Sub step	Details	Notes
4.5			Repeat for version 2	HSUVEXAMPLE Version 2 AMG54556/002-HSUVEXAMPLE
4.6		Query	Use a SPARQL query to show the Products and associated versions	
UC-1 To find a product version from within a CR and then associate it with the CR version				
5.1	Associate Product version with the Change Request in the Lyo CM server	Select CR	Select the CR version from the list "US and EU 2016 ULEV standards version A"	Listing shows the Title
5.2		Link to the PM Server	Configure the address of the PM server	
5.3		Define LinkType	Configure the link type affectsPlanItem	
5.4		Connect with PM Server	Use the delegated UI from the PM server to locate the product version	Note that the search uses the description Enter the search term HSUV
5.5		affectsPlanItem	Select the product version of concern, which gets added to the RDF	Go back to the resource to show
5.6		Query	Use a SPARQL query to show the CRs and associated Products and associated versions	CR Version Title, CR Version URI, Releationship type (Should), Product Title, Product URI

V0.1 Use generic descriptions
V0.2 use exact text for OSLC PLM Reference Model
V0.3 Update from video examples 30/1/12