

MDE Data Analysis - Methodology		Test Question	Test Description	Test Method	Primary Focus	Comment	
METRICS	1	<b>Conformance: Does the data conform to CDWA Lite and CCO?</b>					
		Structure	Content		Machine	entire record	
				Account for "required" elements.	Machine	entire record	
				Does the data content comply with the CDWA Lite definition of its element/attribute?	Machine/Human	all present	none of the "required" fields are format controlled
				For a data element marked "format controlled" in CCO, check whether the data values correspond to the applicable format.	Machine/Human	only CDWA required / highly recommended and non-display	
				Does the data content comply with the guidelines CDWA Lite specifies as "rules"?	Machine/Human	only CDWA required / highly recommended	
				Does the data content comply with the guidelines CCO specifies as "rules"?	(Machine)/Human	only CDWA required / highly recommended or CCO required	contract with Patricia Harpring for CCO evaluation of sample?
			Value	For a data element marked "controlled list" in CCO, evaluate consistency of data values.	Machine/Human	only CDWA required / highly recommended	
				For a data element marked "controlled" in CDWA Lite / CCO, establish whether use of a controlled vocabulary has been declared.	Machine	only CDWA required / highly recommended and non-display	
				For a data element marked "controlled" in CDWA Lite / CCO, check the data value against applicable controlled vocabularies.	Machine	only CDWA required / highly recommended	
			Format	Does the data validate against the CDWA Lite XML schema?	Machine	entire record / XML	
				Does the data conform to the declared character set encoding (UTF-8)?	Human	entire record / XML	
	2	<b>Connections: What relationships between records does the data support?</b>					
		Structure	Content		Machine	entire record	
				What is the lowest common denominator of CDWA Lite data elements consistently present for institutions / the aggregate?	Machine	entire record	
				Evaluate the consistency of the data – are the same terms used to denote the same concept (i.e. each artist is represented by 1 name and 2.2.1 name only throughout the data)?	?	only CDWA required / highly recommended and non-display	
				Are the terms used to describe a collection object in record set A usable to find similar objects in another record set?	Machine	entire record	
			Value	Are common terms from one institutional set of records used commonly in others?	Machine	entire record	
				Are low frequency terms in one institutional set of records found in any other institutional record sets? (Low frequency terms are often high quality terms.)	Machine	entire record	
				Cross-match common terms.....			
				Cross-match low frequency terms.			

