

Tim Coffman

VUMC Health IT - Product Development

Project Organization

One place to configure and re-use:

Authorization profiles

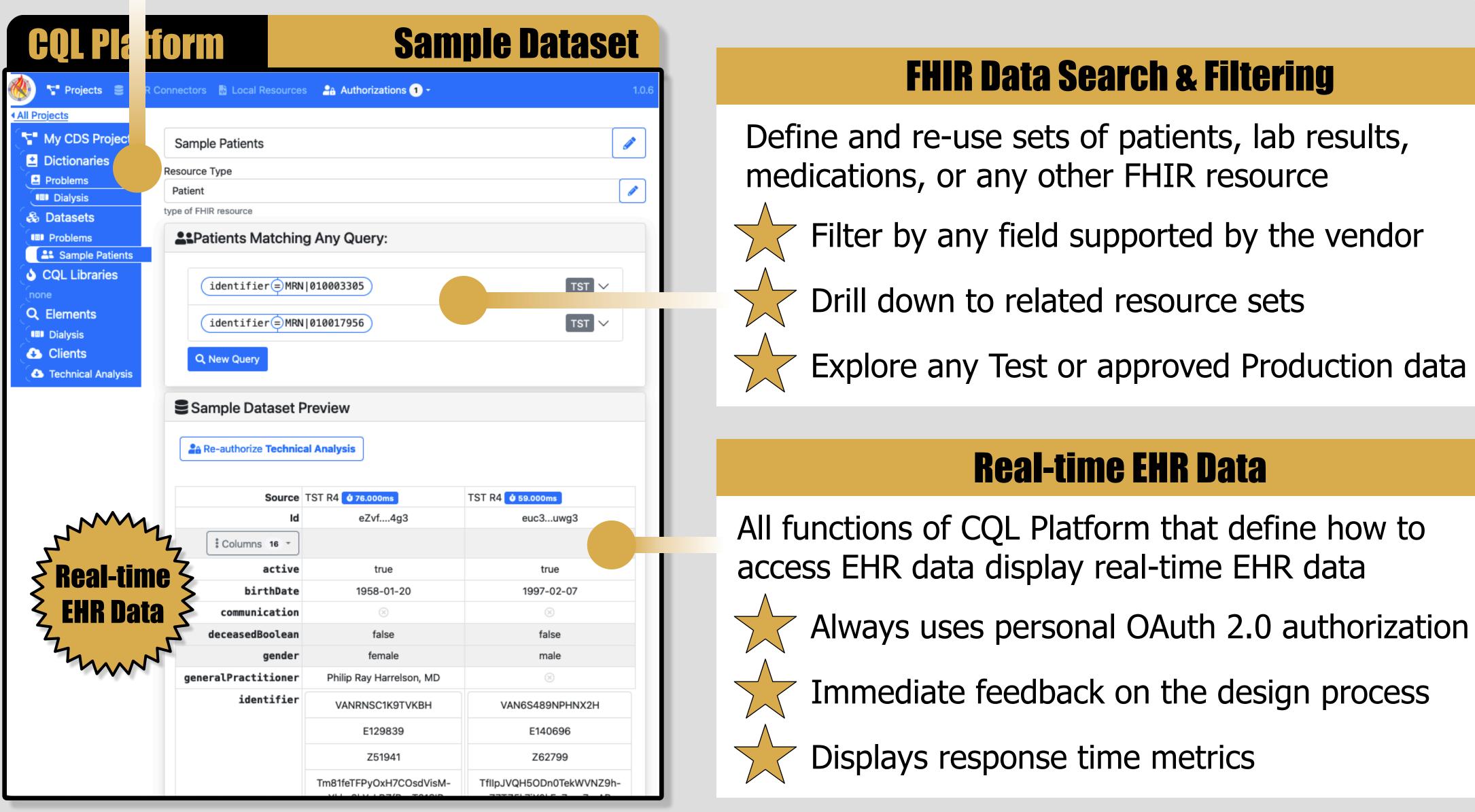
Sample Datasets

Data Dictionaries

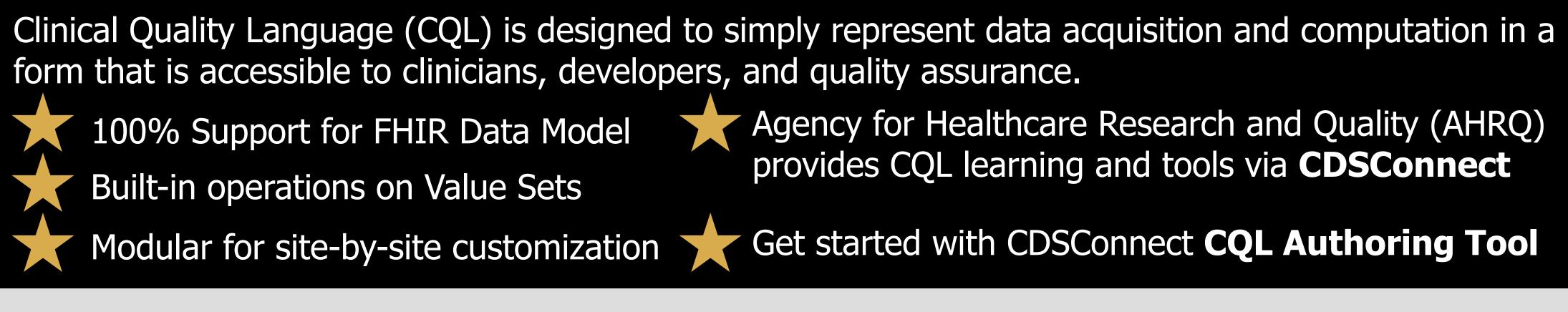
CQL Libraries



ValuesSets

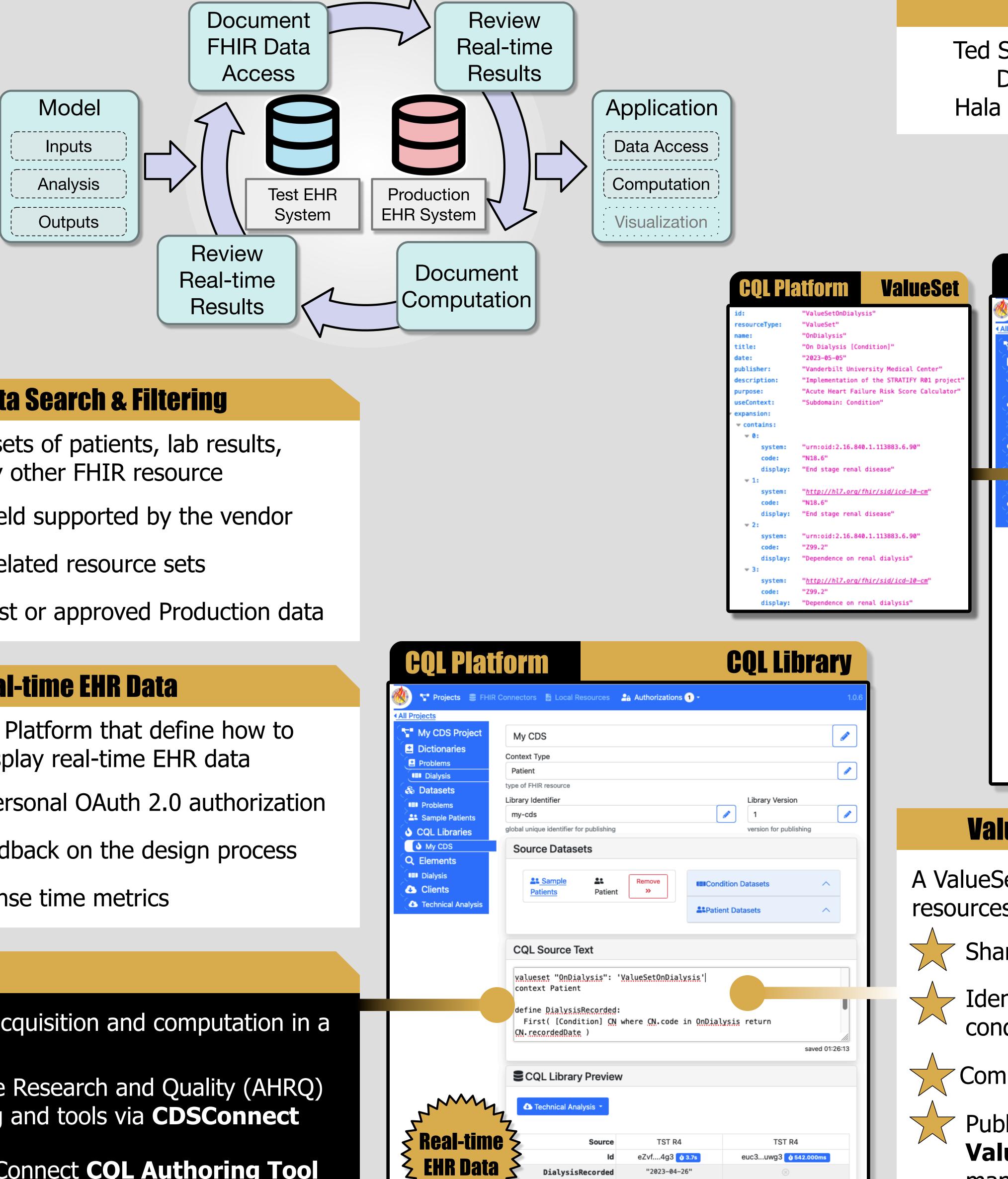


Clinical Quality Language (CQL)





VUMC CQL Platform: CDS Bench to Bedside **Clinical Decision Support Implementation** with **SMART** on **FHIR** and Clinical Quality Language (CQL)

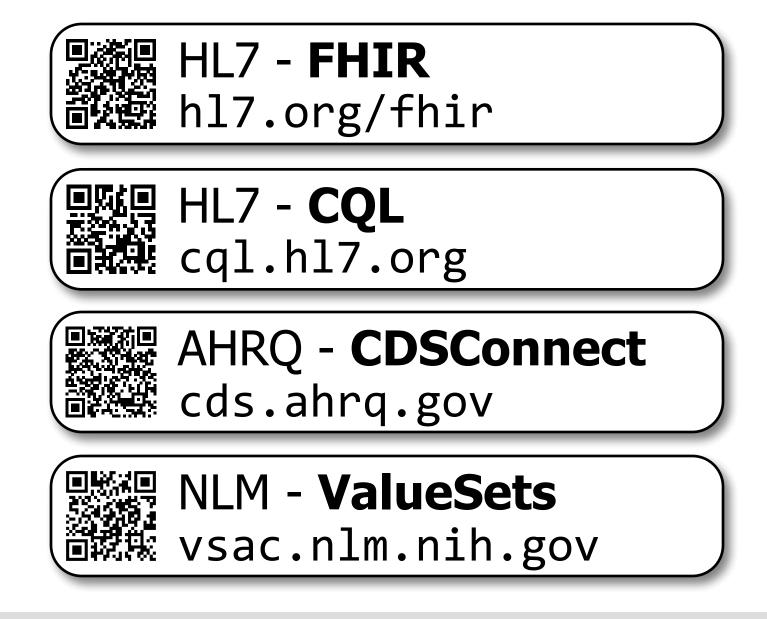


Agency for Healthcare Research and Quality (AHRQ) provides CQL learning and tools via CDSConnect

Get started with CDSConnect CQL Authoring Tool

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Development & Support

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CQL Plat	form		Data Dictionary	
🚏 Projects 🛢 FHIR	Connectors 🚦 Local Resources 🔒	Authorizat	tions 1 -	1.0.6
Projects				
My CDS Project	Dialysis			
Dictionaries	Data Element Spec			
Problems Dialysis	Dialysis			
batasets	mapped to data element spec			
Problems	Mapped To Q Dialysis			
Sample Patients	Dialysis Filters			
one	code @ @ValueSetOnDialys	is		~
 Dialysis Clients Technical Analysis 	add filter name	Previ	v	
	Technical Analysis - Q Toggle Filtering			
	Source	TST F	Č 664.000ms	
	Id		e6xSVRA3	
	Columns 35 -			
27.	category		Problem List Item	
2	ClinicalStatus		Active	
< Real	-time Z code		Dependence on renal dialysis (CMS/HCC)	
<	ancatBariad		\otimes	
Z THR	Data S recordedDate		2023-04-26	
4	subject		Zzztest, Cdsfpmaaa	
h	verificationStatus		Confirmed	

ValueSet-based Data Element Selection

A ValueSet collects codes for identifying a groups of resources that serve a common purpose

Shareable in a standard FHIR resource form

Identify medication categories, groups of conditions, laboratory results, etc.

Commonly composed of other ValueSets

Published shareable ValueSets available from Value Set Authority Center (VSAC) managed by National Library of Medicine (NLM)

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