



The Future of Query-based Exchange

The future of FHIR

Lloyd McKenzie

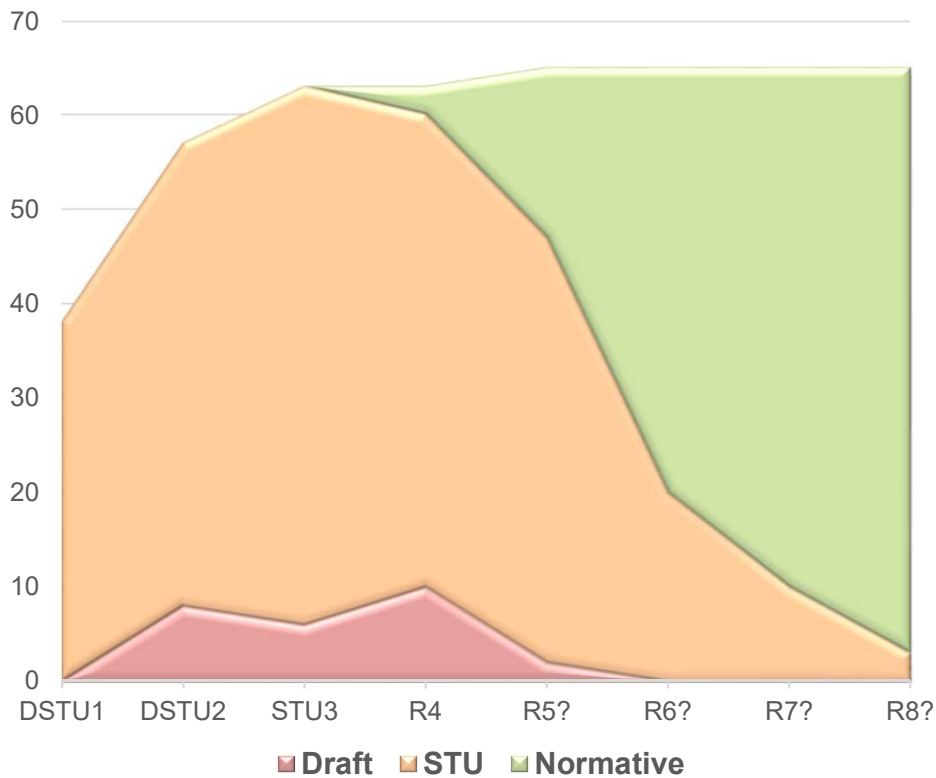
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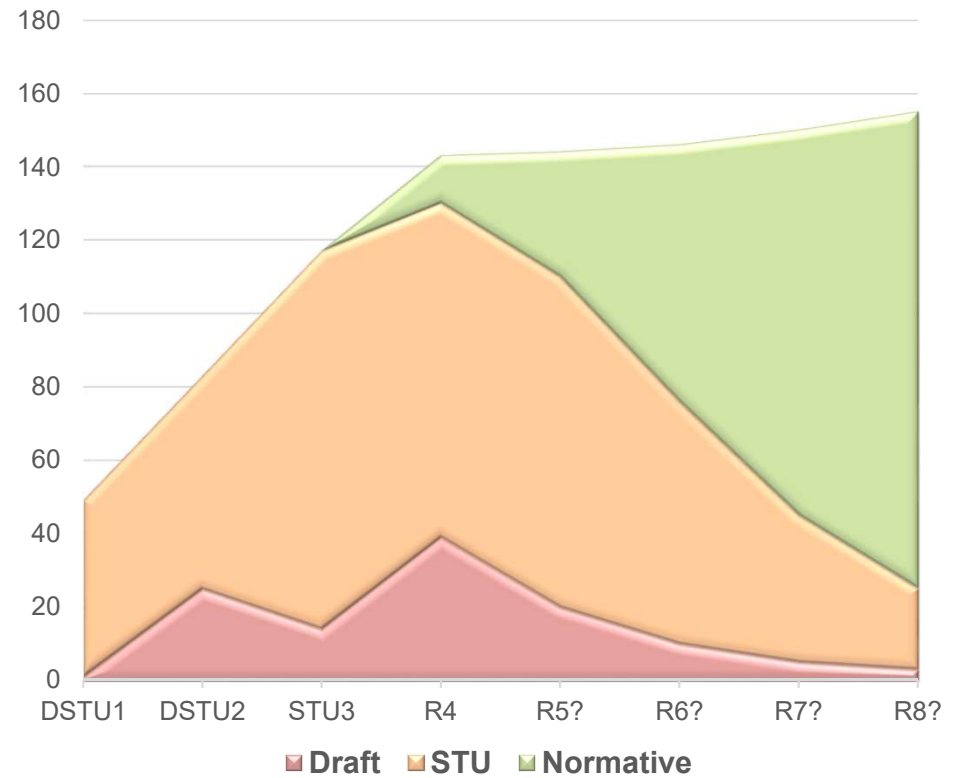


Future for HL7 – Resource Maturity

'Common' Resources



All Resources



What else will HL7 be focusing on?

CDS HOOKS®


SMART®

What else will HL7 be focusing on?



CDS HOOKS®



What else will HL7 be focusing on?



The screenshot shows the top of the FHIR US Core Implementation Guide CI Build website. It features the FHIR logo on the left and the HL7 International logo on the right. Below the logos is a navigation menu with links for Home, Guidance, Profiles and Extensions, Search Parameters and Operations, Terminology, Capability Statements, Security, Examples, and Downloads. A yellow banner below the navigation menu reads: "US Core R4 - CI build (v3.0.0). See the Directory of published versions".

1.1 Implementation Guide HomePage

Contents:

- [Introduction](#)
- [How to read this Guide](#)
- [US Core Actors](#)
- [US Core Profiles](#)
- [US Core Conformance Requirements](#)

CDS HIO



1.1.1 Introduction

The US Core Implementation Guide is based on [FHIR Version R4](#) and defines the minimum conformance requirements for accessing patient data. The [Argonaut](#) pilot implementations, [ONC 2015 Edition Common Clinical Data Set \(CCDS\)](#), and the latest proposed [ONC U.S. Core Data for Interoperability \(USCDI\)](#) provided the requirements for this guide. The prior Argonaut search and vocabulary requirements, based on [FHIR DSTU2](#), are updated in this guide to support [FHIR Version R4](#). These profiles are the foundation for future US Realm FHIR implementation guides. In addition to Argonaut, they are used by [DAF-Research](#), [QI-Core](#), and [CIMI](#). Under the guidance of HL7 and the HL7 US Realm Steering Committee, the content will expand in future versions to meet the needs specific to the US Realm.

These requirements were originally developed, balloted, and published in [FHIR DSTU2](#) as part of the [Office of the National Coordinator for Health Information Technology \(ONC\)](#) sponsored [Data Access Framework \(DAF\)](#) project. For more information on how DAF became US Core see the [US Core change notes](#).

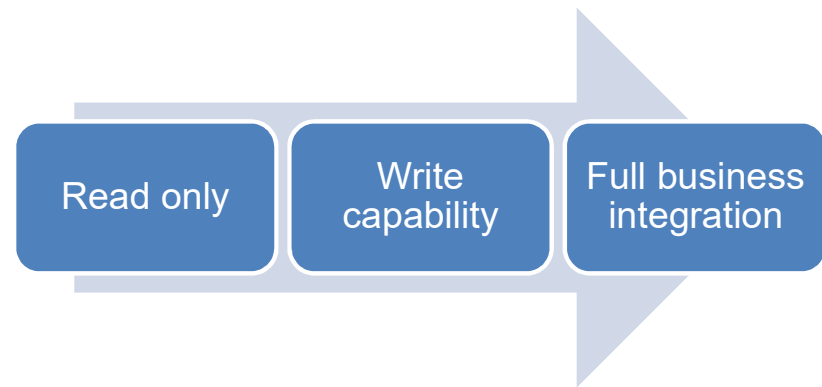


The FHIR Community

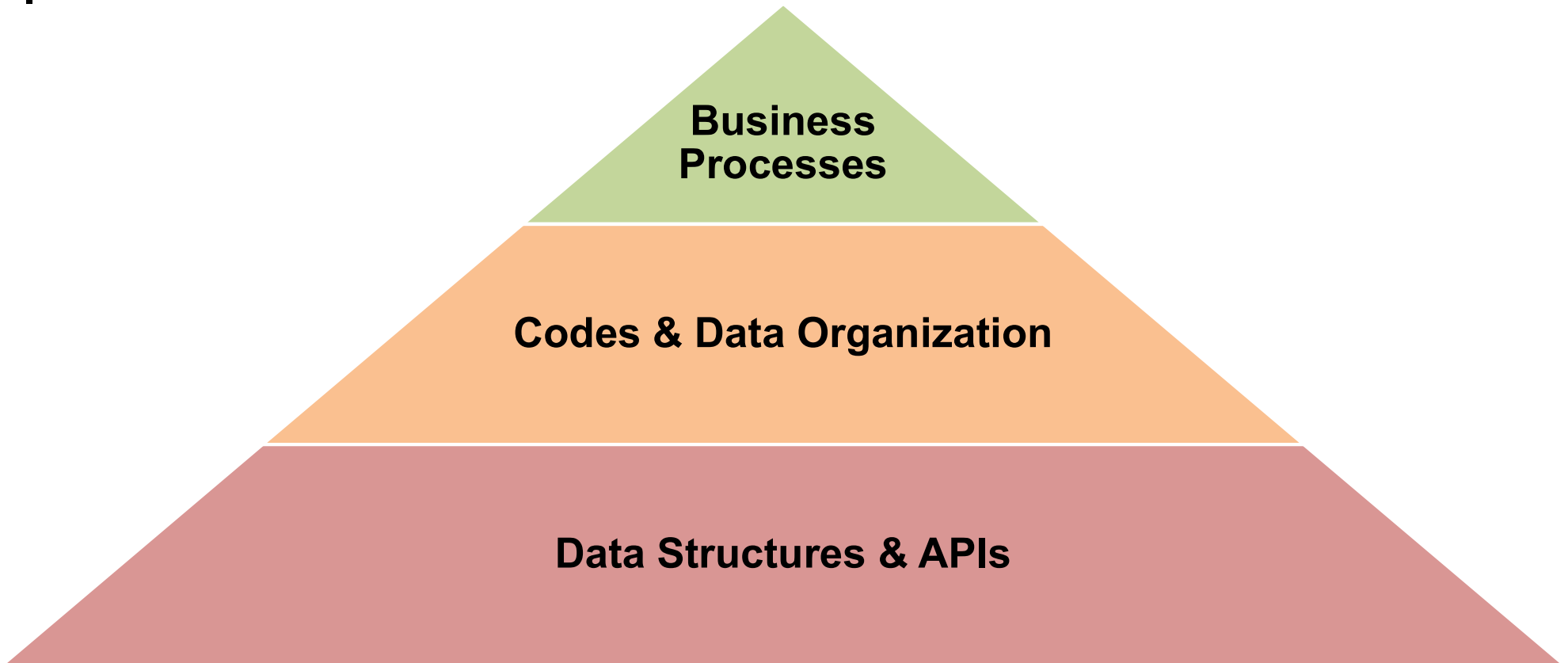


Future for implementers

- Increased adoption/expectation
- Conversion of CDA/V2
- Certification?
- Increased sophistication



The standardization pyramid



What we're trying to achieve

Disrupt: Healthcare standards

Disrupt: Healthcare IT

Disrupt: Healthcare

Thank you

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(or PM me on <http://chat.fhir.org>)



GEVITY