

FHIR Based API's: A New Approach to Administrative Transactions

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Edifecs

Why are we Talking about FHIR?

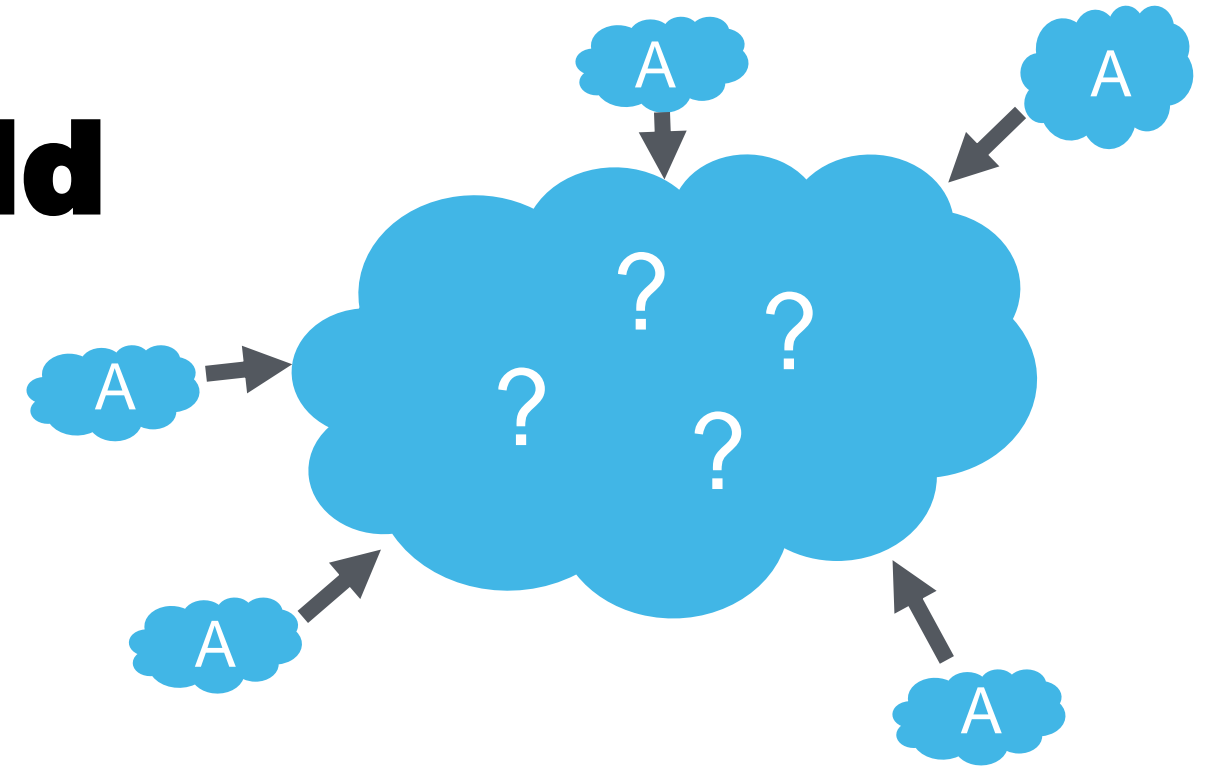
The Jasons

- An independent group of elite scientists which advises the United States Government on matters of science and technology



We Live in a Google World

- ✓ RESTful Services
- ✓ OAuth
- ✓ JSON



“You Got it all Wrong”

- The 2013 JASON Report ("A Robust Health Data Infrastructure") is highly critical of the status and trajectory of healthcare interoperability.
- Recommends a major shift in the US health exchange paradigm.
- It points to the lack of an architecture supporting standardized APIs, as well as EHR vendor technology and business practices, as structural impediments to achieving interoperability.

What is FHIR?

From lands without HIPAA

- “Fast Healthcare Interoperability Resources (FHIR, pronounced "fire") is a draft standard describing **data formats and elements (known as "resources")** and an **application programming interface (API)** for exchanging electronic health records. The standard was created by the Health Level Seven International (HL7) health-care standards organization...”



FHIR vs C-CDA

We do like our 8" X 11"

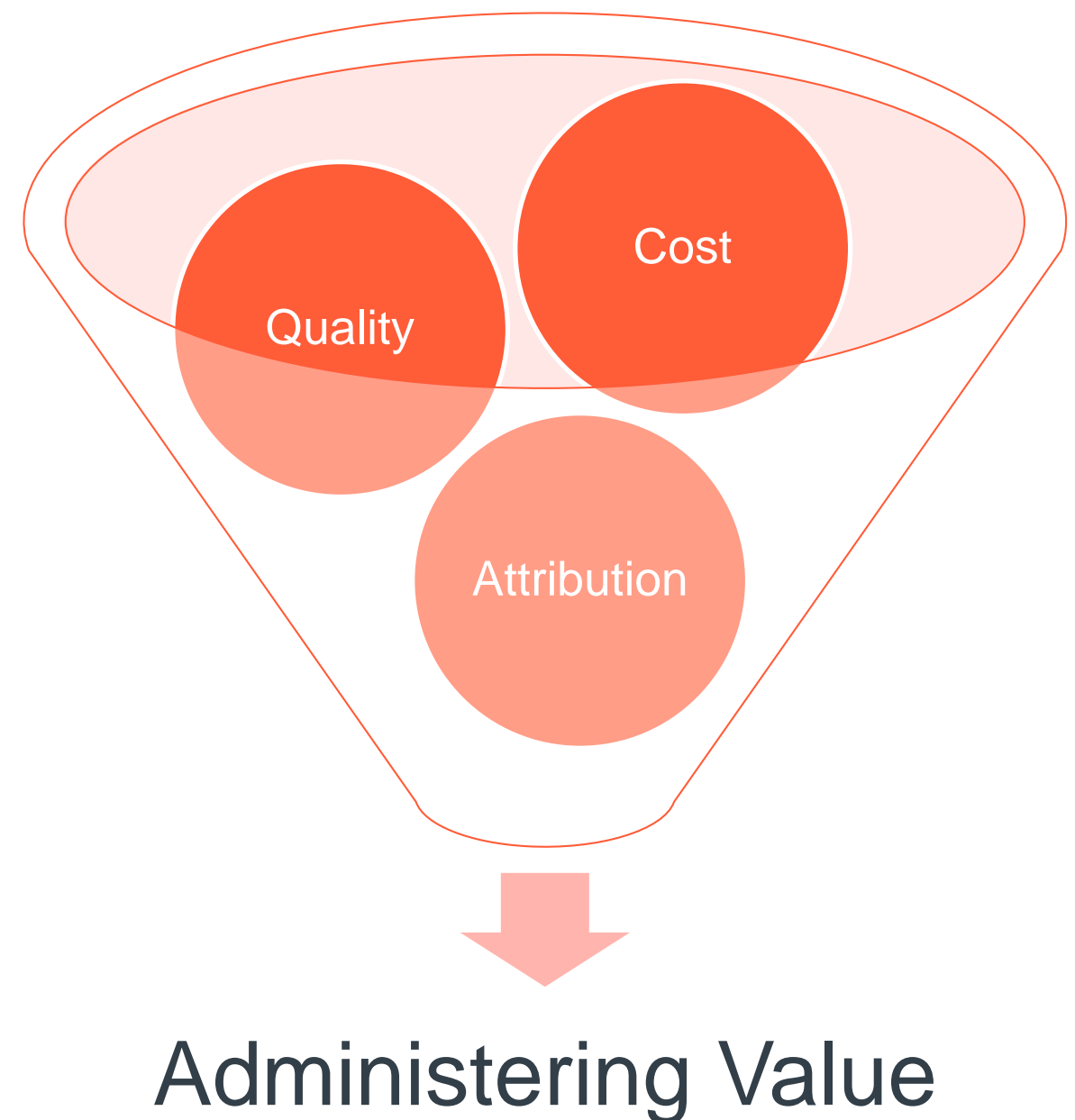
- Data Elements vs. Documents
- API's vs. Envelopes
- C-CDA on FHIR
- .docx vs. .xlsx
- Context Capture vs. Information Processing



FHIR and Administrative Automation

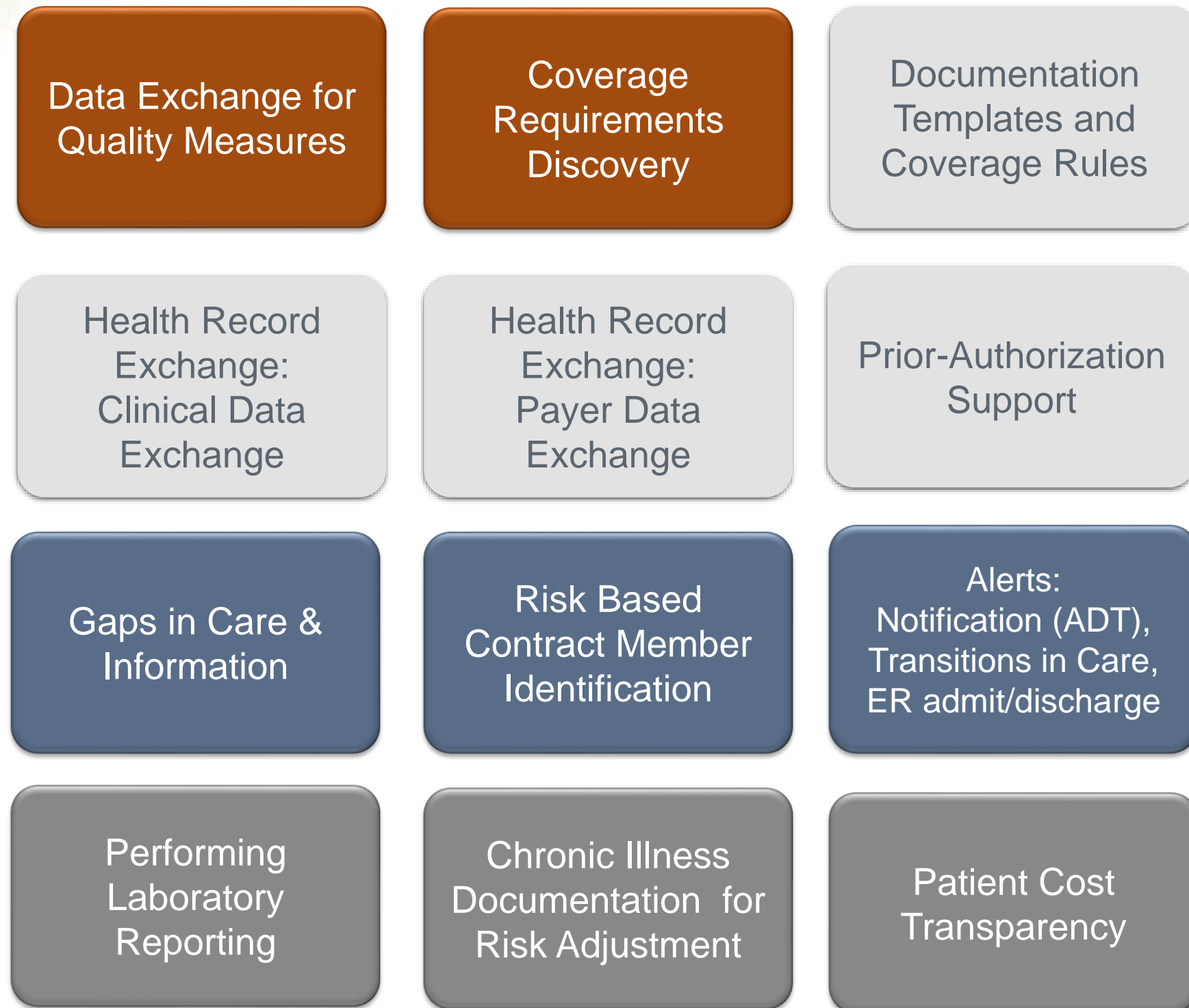
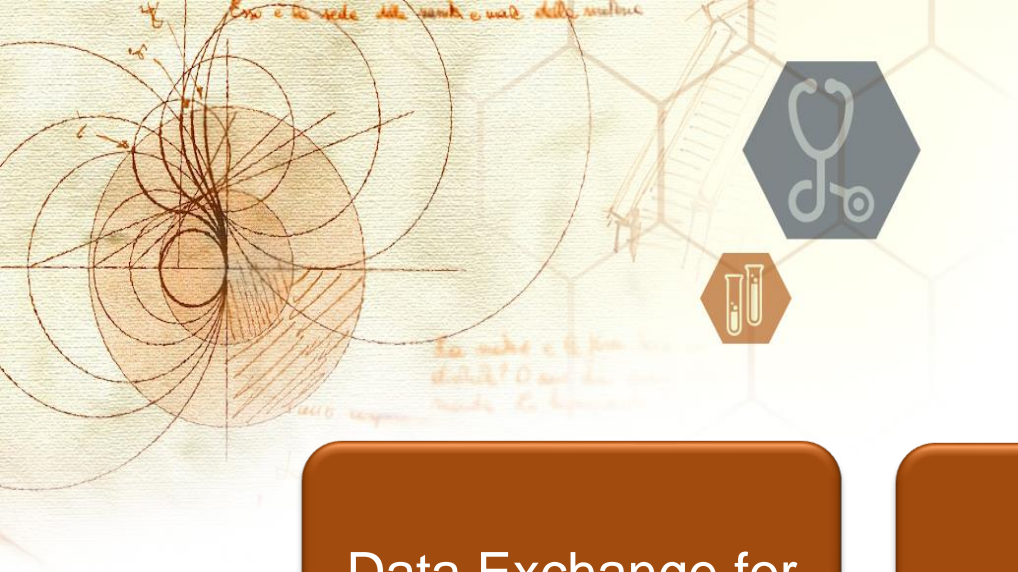
Collapsing Data Streams

- From Argonauts to DaVinci
- Simplifying Complexity
- Expanding the scope of barter components
- Facilitating Provider participation without increasing burden-
Not FFD (Fee For Documentation)







The DaVinci Project Use Cases

**Rationalizing Adoption of
FHIR for Payer & Provider**



Use Case Status

-  In HL7 ballot reconciliation as draft standard
-  Under active development
-  2019 use cases
-  Use cases in discovery