Interoperability without Tears
New HL7 Solutions for Implementation

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Why is Interoperability so hard?
I suspect that you have your own long list of reasons.
Here are some of mine.
HL7 is an ANSI Standards Organization.
HL7 performs on an International stage.
If you ever traveled in Europe...

you know you really need a good implementation guide.
Healthcare functions in a highly regulated environment.
(Sometimes) Government Regulatory Agencies make things more difficult than necessary.
What is this?
European Commission Regulation No. 1677/88: bananas are allowed a bend of 10mm per 10cm of length

European Commission Regulation No. 2257/94: bananas must be "free from malformation or abnormal curvature"

European Commission Regulation No. 1677/88: bananas are allowed a bend of 10mm per 10cm of length
Some standards are *interpreted* differently by different folks.
How many web browsers do you need to use?
Then, I guess it depends upon what you mean by Interoperability.
HL7 wanted to tear down barriers to Interoperability.
I’ll try to describe 10 new HL7 innovative programs in the next 10 minutes.*

* No, you don’t have to take notes. I’ll give you these slides.
Where to start?
FREE
“If you’re doing something the same way for ten years, the chances are you are doing it wrong.”

- Charles F. Kettering
Some Fresh Look initiatives may change the way we view standards development.
The *Fresh Look* Initiative

- Begun as a CEO-appointed task force to develop standards by process and purpose that was not constrained by the past experience and models.
- Both CIMI and FHIR emerged from *Fresh Look*.
- *Fresh Look* continues to evolve and to think differently.
CIMI

- CIMI develops information models around a single clinical concept
- International scope
- Voting by member organizations not by balloting
- Broad participation by international SDOs
FHIR

- Fast Healthcare Interoperability Resources
- FHIR is a development platform
- HL7 initiative and processes
- Not intended to replace V2, V3, CDA
- Interoperability testing provided through connectathons
- First Ballot January 2014
- Unlimited range of applications
HL7 is more than standards
HL7 is about implementation
For terabyte instances of big data analytics, CDA has proven both scalable & reliable
Trifolia

A portfolio of tools for storage, curation, retrieval, archiving and creation of templates for CDA, built with a unique template exchange language.
ART DECOR
ART DECOR

...is an open-source tool and a methodology for various multidisciplinary stakeholders of healthcare information exchange.
ART DECOR

Comprehensive collaboration tool

- Concept, model, conversion, cooperation, documentation, & publication
- User interface, rules, test framework, RESTful services, terminology browser, demo and sandbox applications
Fast Healthcare Interoperability Resources
A framework for the development of data exchange technology that offers the interoperability of the RIM, while hiding the complexity of V3
What makes FHIR fast?

Faster to learn
Faster to develop
Faster to implement
Conformance Testing & Certification
HL7 Conformance Testing & Certification

- AEGIS: our ISO 17025 Testing & Certification partner
- DIL Platform: Iterative, not once-and-done
- Not a Connectathon model
- Asynchronous – 7/24
- Process improvement focused
Help Desk
HL7 User Groups
International Healthcare IT Policy
Health Professionals Group
Education Services
HL7 Education Portal

- eLearning Program
- HL7 Competency Certification
- Webinar series
- Education Summits
Terminology Authority
If you haven’t had enough Interoperability for one day, try…
www.HL7.org
Thanks

JUST COUGH FOR OLD TIME'S SAKE.

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