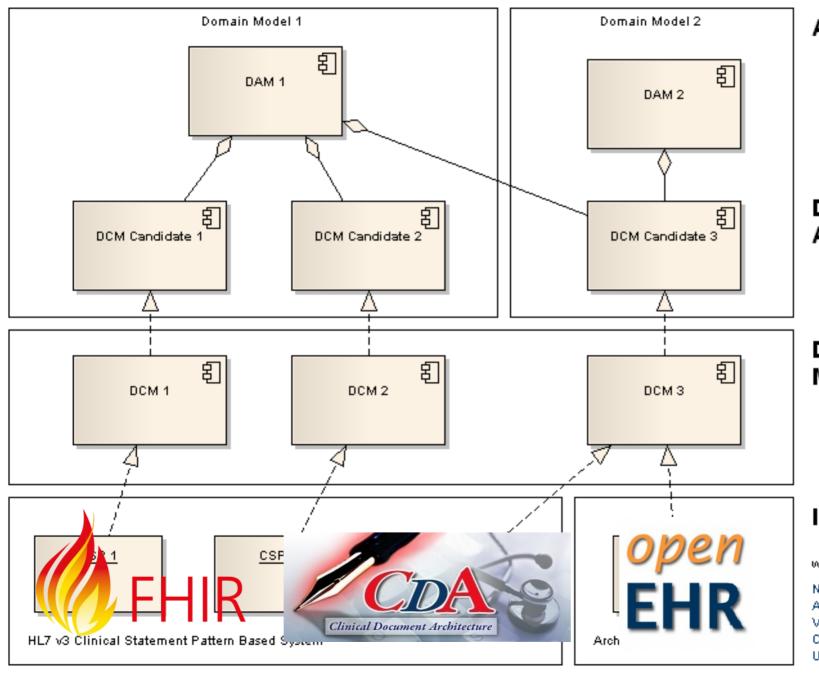








Detailed Clinical Models



Analysis Model

Detailed Analysis Model

Detailed Clinical Modelling

Clinical Knowledge independent from any implementation technology stack

Implementation

with thanks to Luigi and Jay Lyle

Name: DAM vs DCM

Author: Michael van der Zel (R4C)

Version: 1.0

Oreated: 29-10-2009 8:36:47 Updated: 18-5-2011 22:21:00



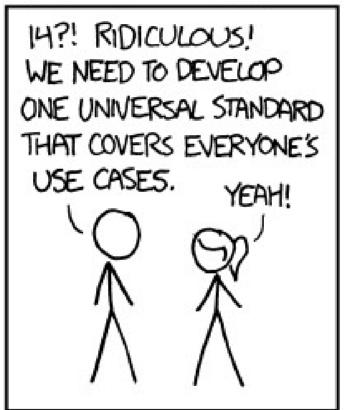
Fresh Look Task Force sep-2011

Clinical Information Modeling Initiative



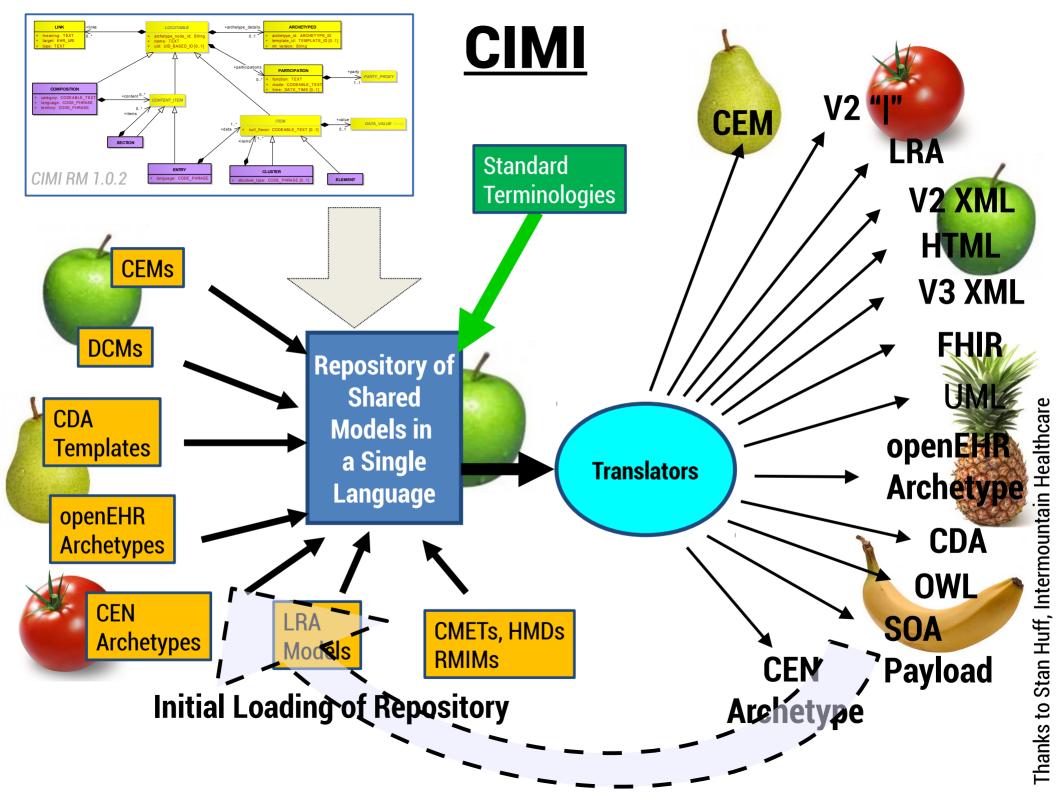
HOW STANDARDS PROLIFERATE: (SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

SITUATION: THERE ARE 14 COMPETING STANDARDS.





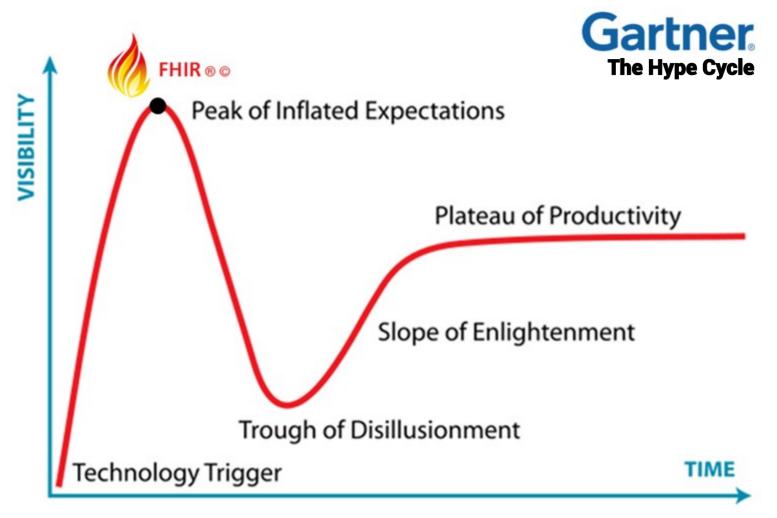




Meanwhile... FHIR in my day job



FHIR is a "Working" standard



"I look forward to that happening much more rapidly with FHIR than it has with most other technologies because it's lightweight and it's designed for this rapid cycle time and because Grahame and HL7 have really rethought how standards are developed and shared to make use of the modern technologies."

Wes Rishel – Vice President and Distinguished Analyst, Gartner



The Future?

H+ "Where information meets biology"

blood flow
heart rate
vascular pressure
adrenal secretion
oxygen intake
digestion
bone growth
circulation
excretion

heart regulation
maintenance of tissue moisture
thyroid secretion
nutrient absorption
salivary secretion
carbon dioxide removal
ocular transmission
cochlear transmission

cellular repair
immune system response
detoxification
protein synthesis
homeostasis regulation
insulin production
nervous system response
respiration



DIABETES
HEART DISEASE
THYROID DISEASE
PANCREATIC CANCER

PROSTATE CANCER
ALZHEIMER'S DISEASE
PARKINSON'S DISEASE
IMMUNE SYSTEM
DISORDERS

CUSHING'S SYNDROME MELANOMA CEREBRAL ANEURYSM ATOPY

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