

The Justice XML Data Model

Overview and Status

What is the Justice XML?

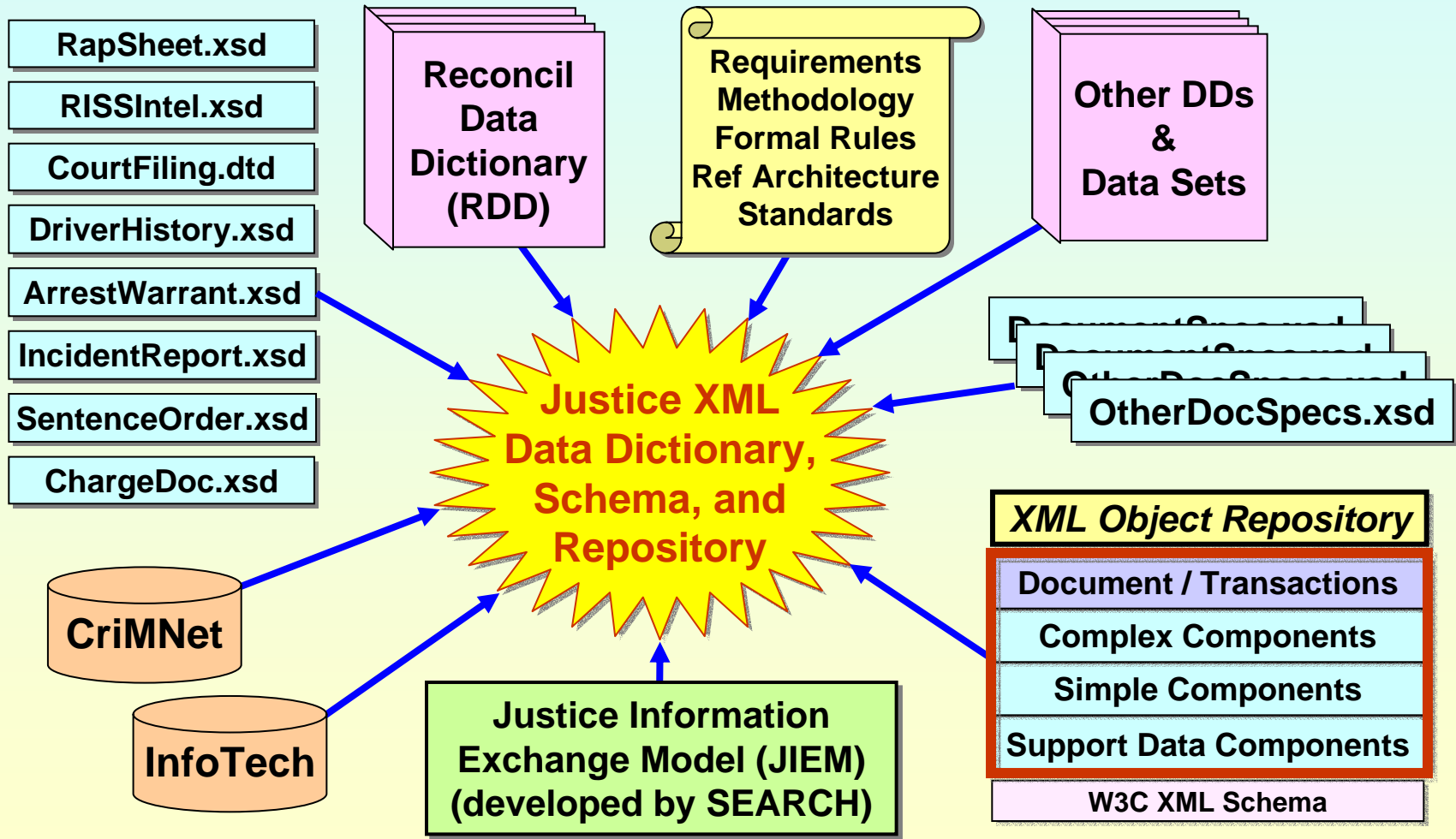
Purpose: *Facilitate information sharing and integrated justice by reducing impediments, such as standards, cost, and time.*

XML: A set of rules that specify syntax for information exchange.

Justice XML: Extends XML to the justice and public safety communities by providing a standard vocabulary and semantic building blocks that can be reused and extended by practitioner, integrator, and vendor communities.

A Collaborative Effort

Federal, State, Local, and Tribal Agencies



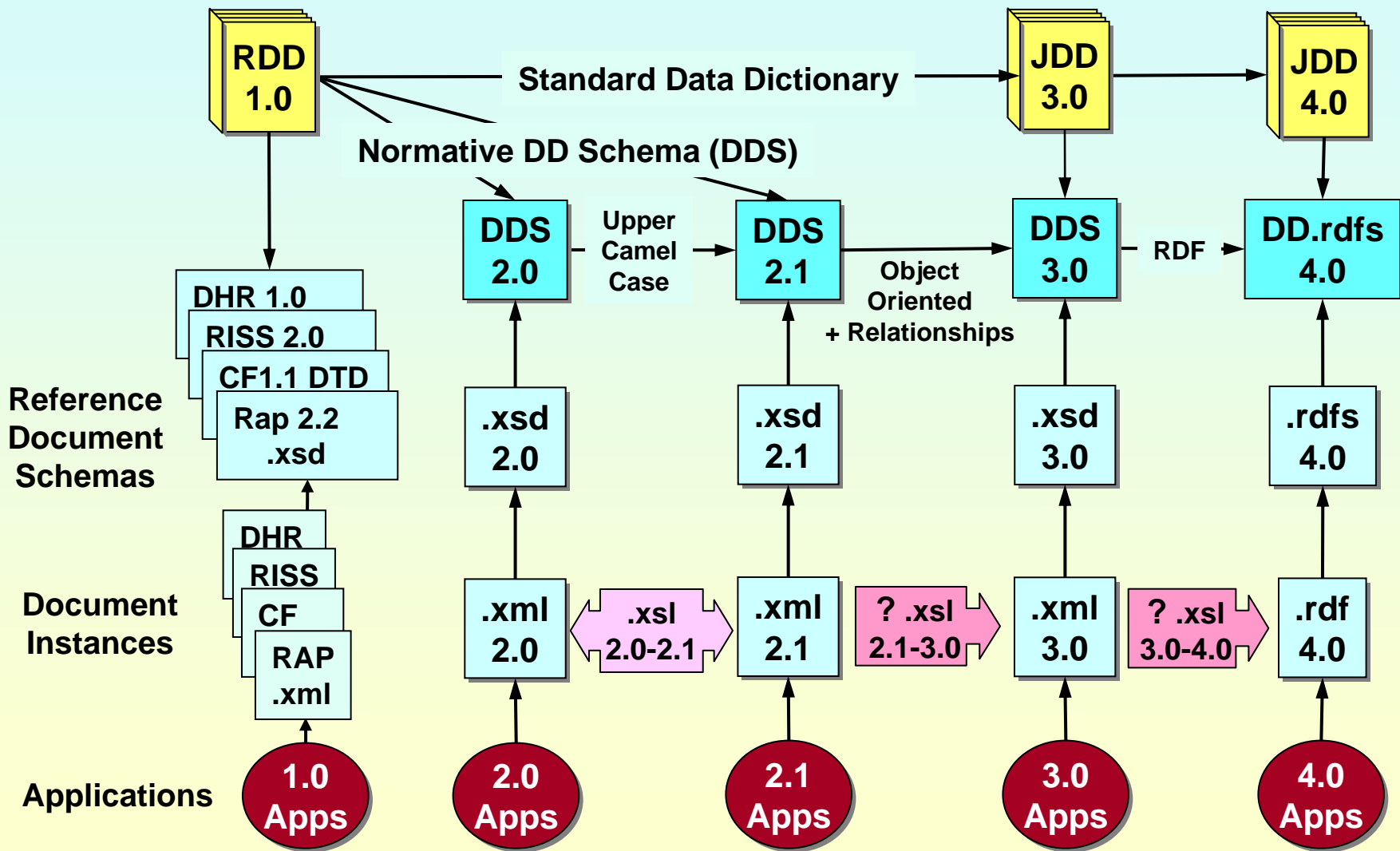
What Sources of Requirements Are Being Used?

SPONSOR

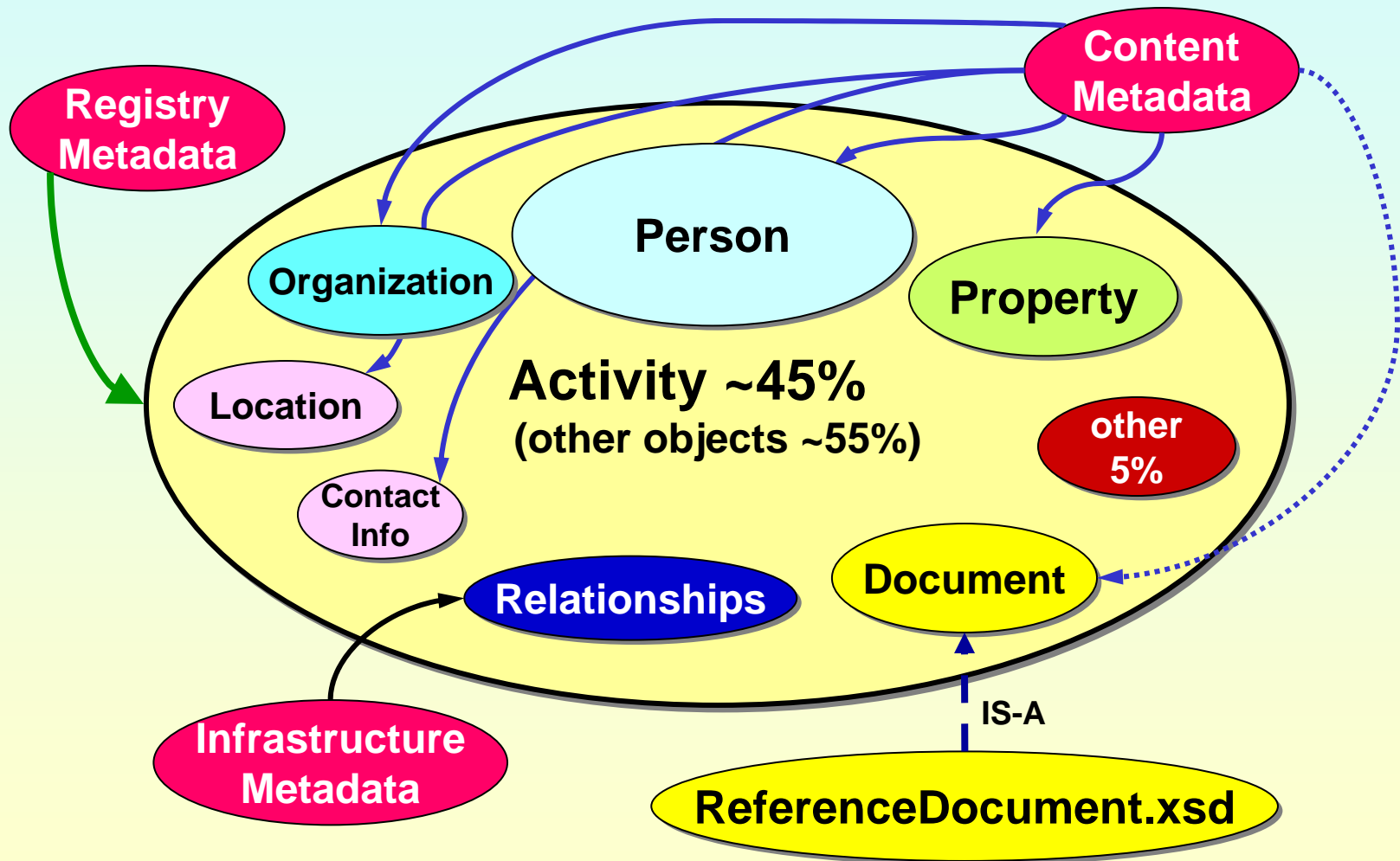
SOURCE DOCUMENTS / SPECIFICATIONS

Global ISWG	Reconciliation Data Dictionary (RDD) v1.0.0
JTF for ICHTS	Rap Sheet v2.2 schema
RISS	RISSIntel v2.0 schema
OASIS	CourtFiling v1.1 DTD
AAMVA	Driver History v1.02 schema
NIJ	InfoTech v2.0 Data Dictionary and schema
LA County CA	Incident Report schema
SEARCH	Justice Info Exchange Model (JIEM) data sets
OASIS	Arrest Warrant schema
OASIS	Charging Document schema
OASIS	Sentencing Order schema
Minnesota	CriMNet v1.0 Data Dictionary and schema
NCSC	Data element spreadsheets (civil, criminal, juvenile)
Maricopa Co AZ	ICJIS Data Dictionary v1.3
CISA	Southwest Border States DD (TX, AZ, NM)
NLETS	NCIC 2000 Data Dictionary and Code Tables
NIBRS	Incident Report schema

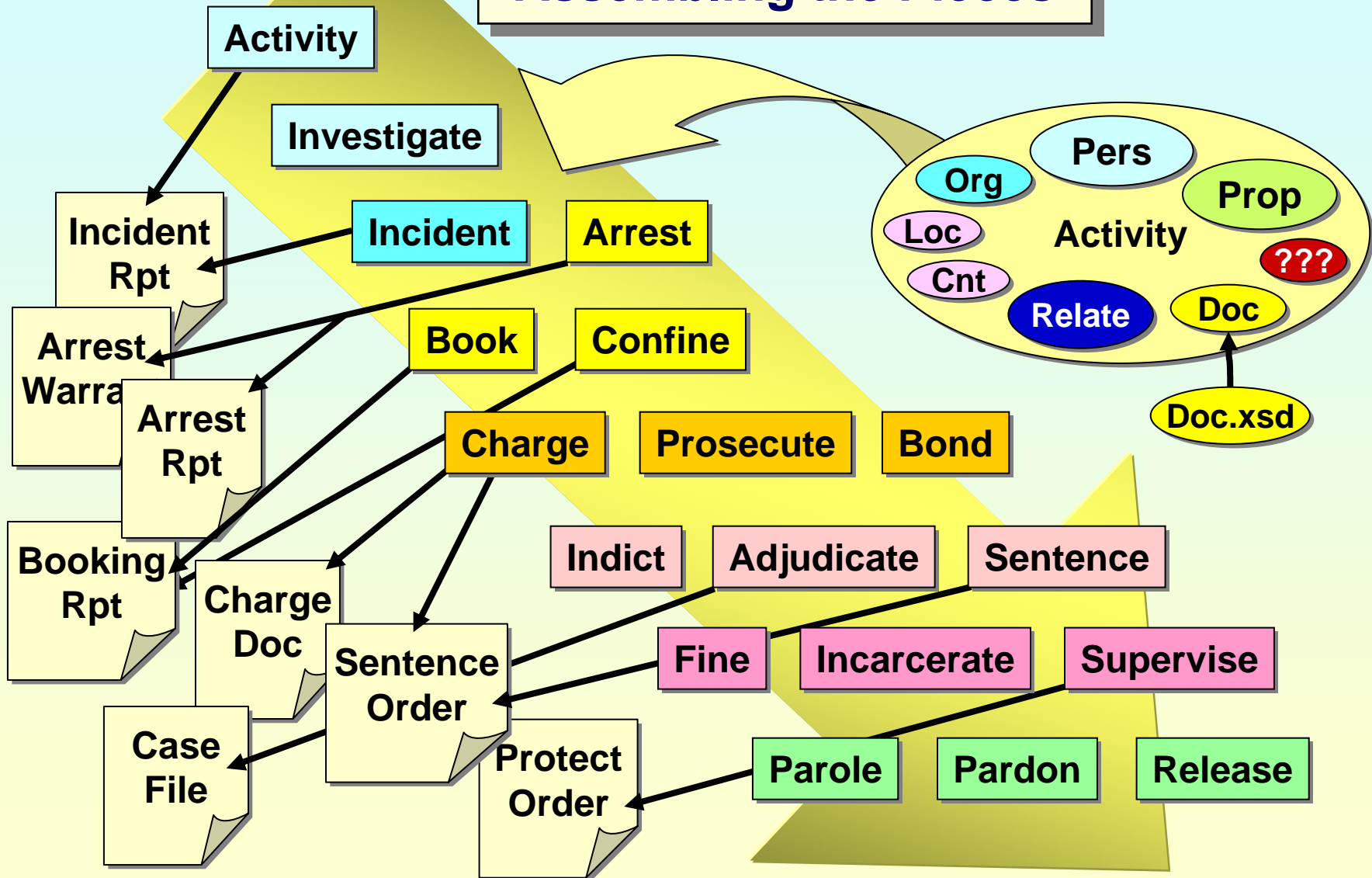
Justice XML Data Dictionary Schema Evolution



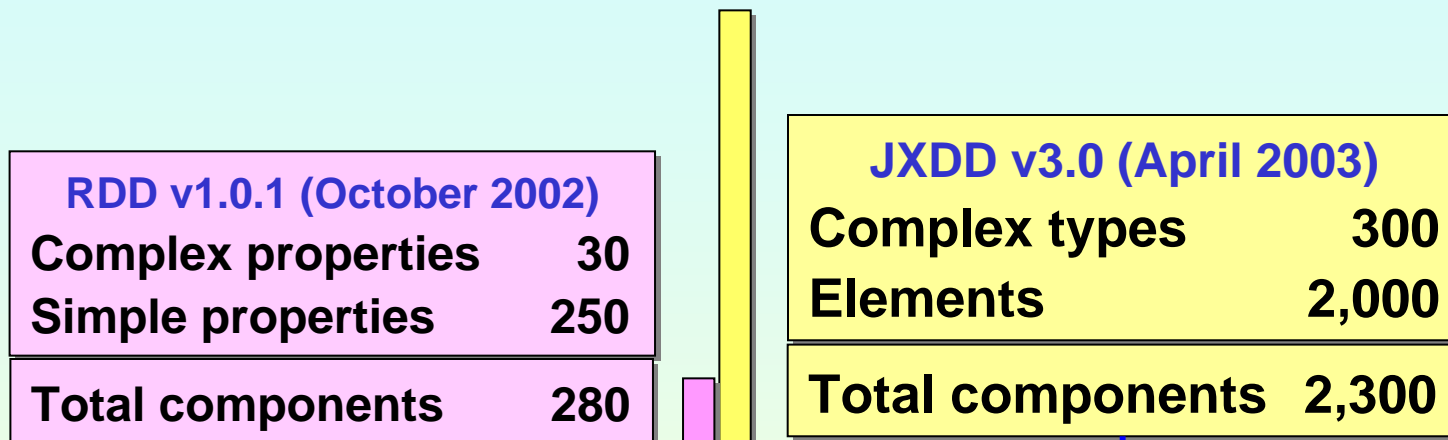
Justice XML Data Dictionary Components



Assembling the Pieces



Justice XML Data Dictionary v3.0 Database Statistics



Source requirement references = 35
Source requirement components = 16,000

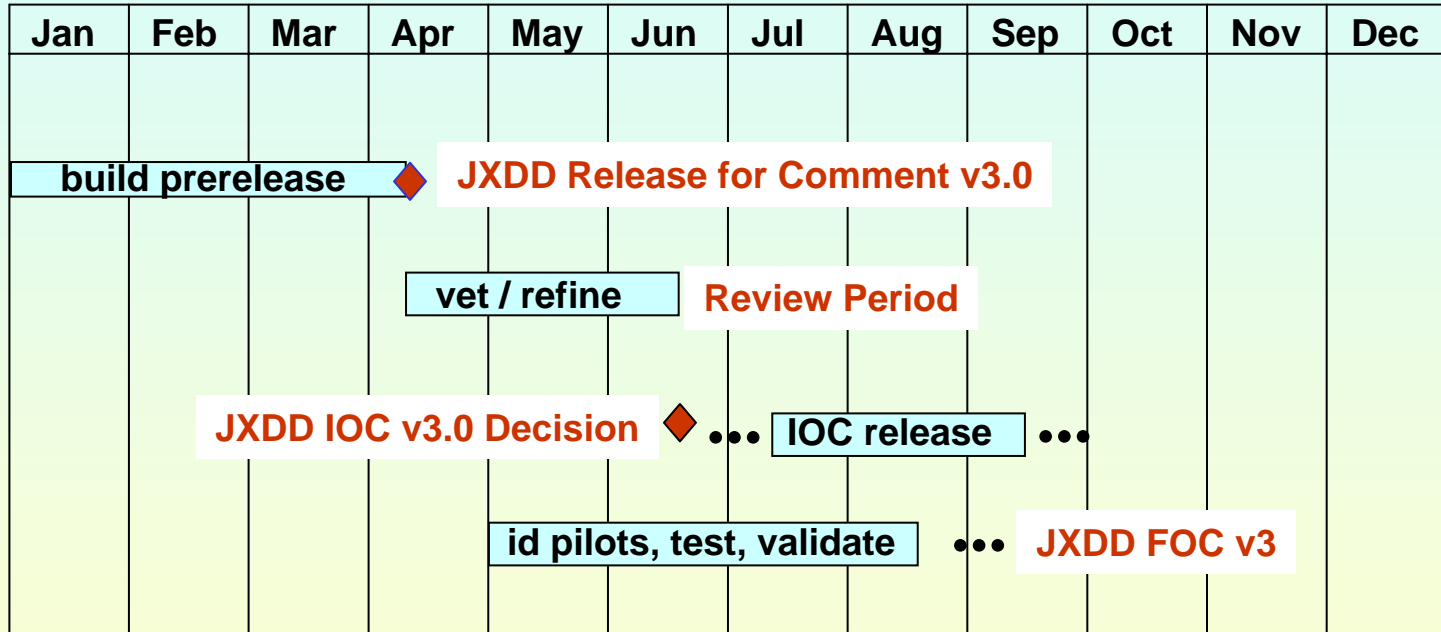
According to one government data consultant, all branches and departments of a typical state government use about 20,000 unique data elements.

What Are Some Benefits?

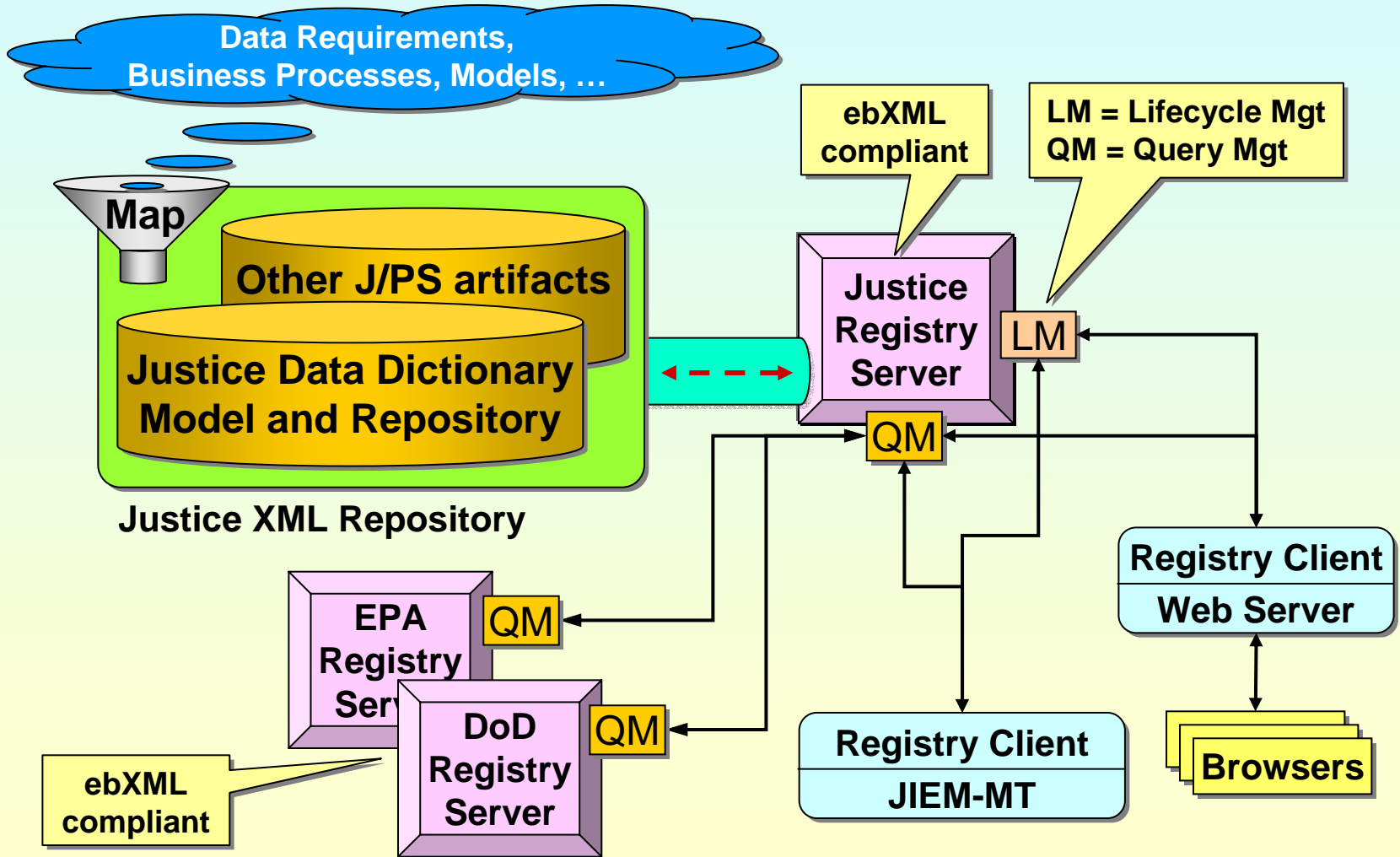
- **It's FREE !!!**
- **Reduction in implementation cost**
- **Standards-based**
- **Increased information sharing and interoperability**
- **Extensibility and flexibility**
- **Promotes reusable components**
- **Broad domain (courts, law enforcement, corrections, and the intelligence community)**

JXDD v3.0 Schedule

2003



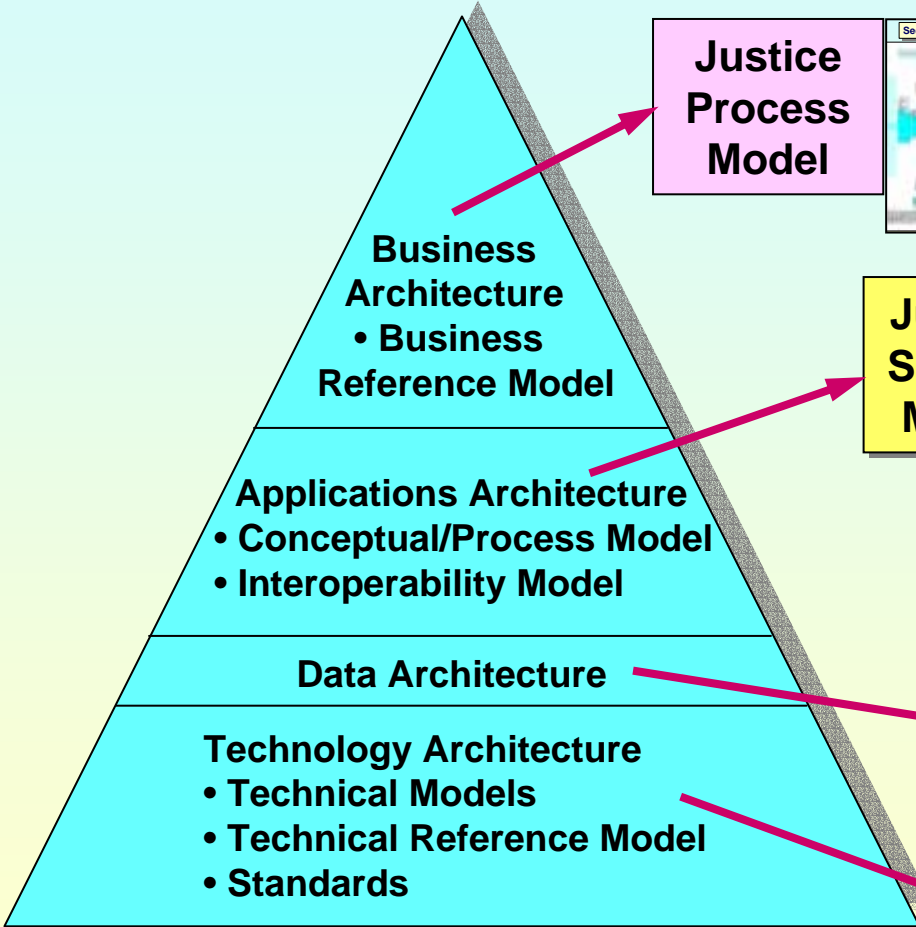
Justice XML Registry/Repository Model



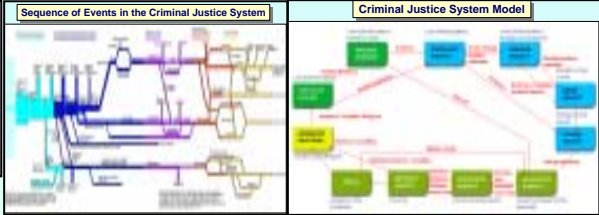
Justice XML Structure Task Force

April 2003

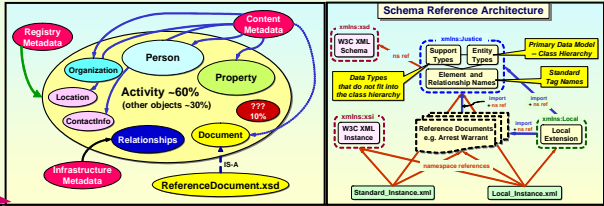
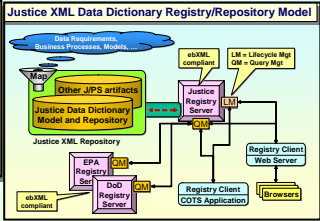
Justice Reference Model



Justice Process Model



Justice Service Model



Justice XML Data Model v3

**XML, RDF, XMI / UML, SOAP
ebXML, UDDI, WSDI, WSCL,
WSFL, JAVA, J2EE, .Net**

**Federal Enterprise Architecture (FEA)
(Architectures and Models)**

Need Additional Information?

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For current release:

<http://www.it.ojp.gov/jxdd/>

For additional background information:

<http://justicexml.gtri.gatech.edu/>