SEARCH



ANSI/NIST Fingerprint Standard Update Workshop

Gaithersburg, Maryland April 26-28, 2005



IEPD Goals and Objectives



Define IEPDs (Information Exchange Package Documentation) to support interoperability among justice systems

Expand and refine GJXDM/DD through experienced feedback; resolve vague definitions

Constrain/restrict down to key choices to support interoperability



IEPD Goals and Objectives



Justice exchange data does not belong to only one domain

- Example: Protection Order is not just a court document
- LEA is an exchange partner
- FBI is an exchange partner

Most important: a group of representative exchange partners working through the business and technical requirements of the exchange



IEPD Process



- JIEM
- Domain Modeling
- GJXDM Mapping
- Subset Schema (SSGT)
- Extension, Document, Constraint
- Sample XML Instance
- Packaging
- Horizontal Analysis/Reuse
- Education and Outreach



Process to Build IEPD



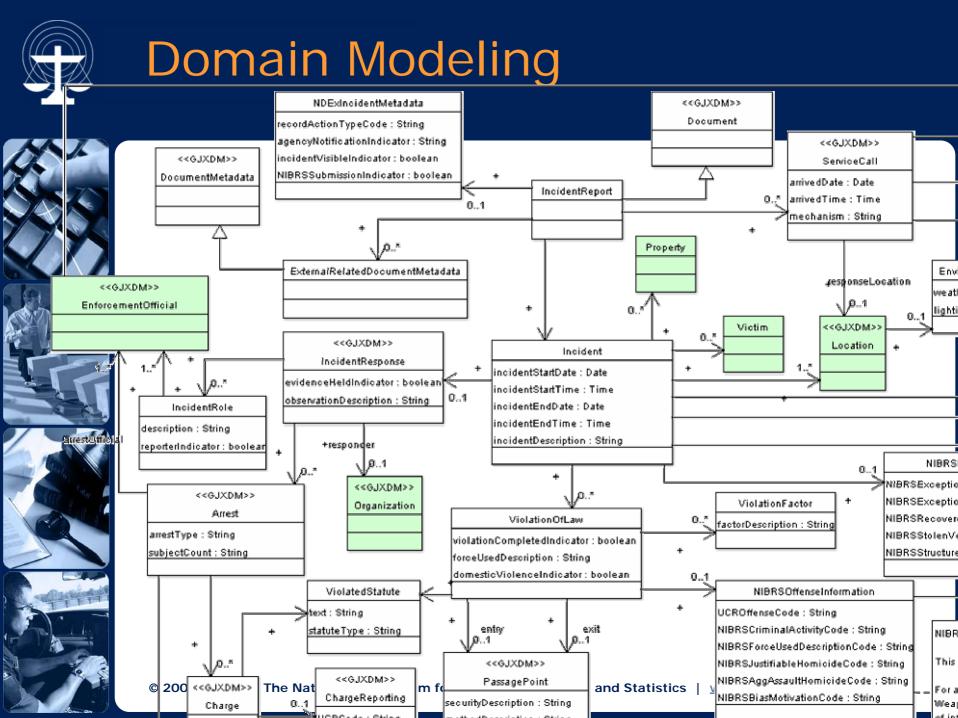






Assemble a team of domain + GJXDM model/schema structure expert (s)







GJXDM Mapping Spreadsheet

Data Eleme	nts (Requirements)	Notes	GJXDM Mapping
Agency	Agency		Citation/CitationAgency/OrganizationName
	County Code	3	**Local code set
	Agency Code		Citation/CitationAgency/OrganizationLocalID/ID
Subject	Name (Last)		Citation/CitationSubject/PersonName/PersonSurName
	Name (First)		Citation/CitationSubject/PersonName/PersonGivenName
	Eye Color		Citation/CitationSubject/PersonPhysicalDetails/PersonEyeColorCode
Vehicle	Vehicle License Plate	1	Citation/CitationSubject/Vehicle/VehicleLicensePlateID/ID
	Number		
	Vehicle License State	1	Citation/CitationSubject/Vehicle/VehicleLicensePlateID/IDIssuingAuthorityText
	License Type	4	**Local code set
Citation Info	Citation Number		Citation/ActivityID
	DOT Number	2	**Local field
	Citation Time		Citation/ActivityTime
	Identification		Citation/CitationIssuingOfficial/EnforcementOfficialBadgeID/ID
	District		Citation/CitationLocation/LocationLocale/LocaleDistrictName
			Mapping Notes
		1	Add Vehicle to an extension of SubjectType and substitute it into Citation/Citation
		2	Add local components to an extension of CitationType and substitute it into Citation
		3	Add local code to an extension of JurisdictionType and substitute it into
			Citation/CitationAgency/OrganizationJurisdiction
		4	Add local code to an extension of IDType and substitute it into
			Citation/CitationSubject/Vehicle/VehicleLicensePlateID.
		5	Substitute DrivingIncidentType into Citation/CitationViolation.
		6	Add local codes to an extension of DrivingIncidentType and substitute it into
			Citatian (Citatian Vialatian

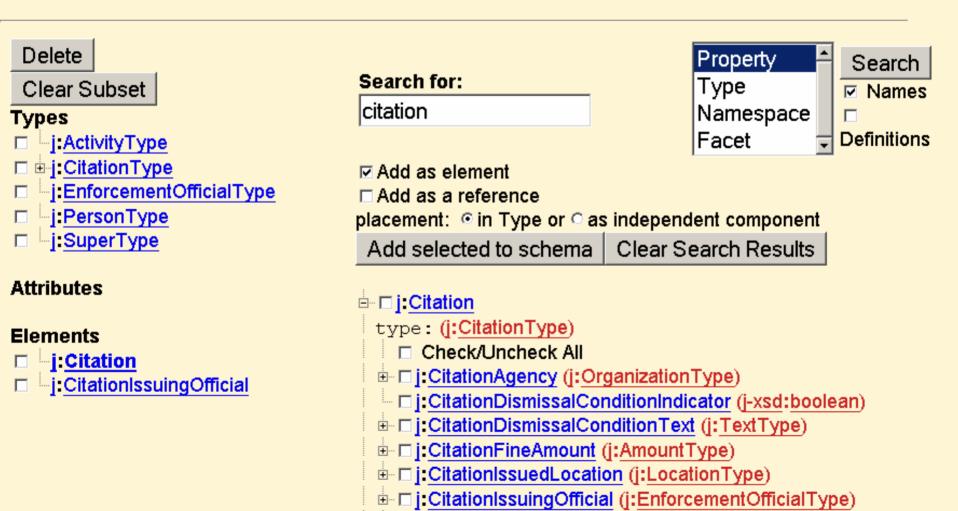


Global JXDM Schema Subset Generation Tool



Model Viewer Advanced Search Options Generate Help JXDM Release: 3.0.2 SSGT-build-id: 15

Please ensure that you read the information page before using this tool.





Packaging



- Subset Schema
- Constraint Schema
- Extension Schema
- Document Schema
- Sample XML Instance
- IEPD



Law Enforcement Reference IEPDs



SEARCH is leading this effort, with support from the Community Oriented Policing Services (COPS) office of the Department of Justice

- Incident Reporting/Incident Data/NDEx
- Field Investigation Report
- Arrest/Booking Information
- LEA Referral/Prosecution Charging

Horizontal Analysis conducted following the completion of these four documents

Artifacts posted on SEARCH website with link to OJP Clearinghouse



IEPD Goals and Objectives



Remember: the goal is to exchange messages, not to build databases

The more we standardize the container and the payload of components, the more it supports our goals

Standard, non-proprietary, consistently structured artifacts helps all of us to leverage IEPDs as models for information sharing

Thank you!
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