

May 11-13, 2004

Atlanta, Georgia

# GLOBAL JXDM DEVELOPER'S WORKSHOP

Georgia Tech University ♦ LeCraw Auditorium ♦ DuPree College of Management  
800 West Peachtree Street, NW

## Day 1—Tuesday, May 11, 2004 (1:00 p.m. – 5:00 p.m.)

### Introduction

Welcome to Georgia Tech Research Institute (GTRI)

*Steve Cross, GTRI Director*

Introductions and Opening Remarks

*Patrick McCreary, Office of Justice Programs (OJP)*

Keynote Remarks

*Deborah Daniels, U.S. Assistant Attorney General*

Industry Welcome

*Paul Wormeli, Integrated Justice Information  
Systems (IJIS) Institute*

Agenda, Administration, and Logistics

*John Wandelt, GTRI*

Global Justice Information Sharing Initiative (Global) Justice  
XML Data Model (Global JXDM) Definition, Purpose, and  
Intended Use

*Paul Embley, Practitioner Resource Group  
and  
Robin Gibson, Missouri Office of the  
State Courts Administrator*

History and Background

Design Criteria and Benefits

Technical Overview of Fundamental Concepts

*Mark Kindl, GTRI*

Parts of the Global JXDM and How They Relate

Types and Properties

Basic Object-Oriented Modeling

Global JXDM Concepts

Introduction to Exchange Documents

Building Exchange Documents

*Mark Kindl*

Reference Architecture

Methodology for Building Exchange Documents

Tools and Reference Aids of Methodology – Step 2

Global JXDM Viewer

*John Matthews, GTRI*

Homework

*Mark Kindl*

## Day 2—Wednesday, May 12, 2004 (8:00 a.m. – 5:00 p.m.)

*Continental Breakfast—7:30 a.m. – 8:00 a.m.*

Review Homework Solution

*Mark Kindl, GTRI*

Global JXDM Baseline Concepts, Design, Rules, Rationales,  
and Exceptions

*Mark Kindl and Webb Roberts, GTRI*

Types and Properties

Subject and Object Types

Rendering in XML Schema

Multiple Subject and Object Types

Basic Object-Oriented Modeling (through Global JXDM  
examples)

Metadata

Namespaces and Versioning

Enumerations (code tables)

Data Element Names

|   |   |
|---|---|
| Referencing   | <i>Webb Roberts</i>   |
| Relationships   | <i>Webb Roberts and Christina Medlin, GTRI</i>  |
| Relationships – Lessons Learned   | <i>Jack Wallace and Benjamin Schrom, GTRI</i>   |
| Global JXDM Schema Subsets (including Wantlist)   | <i>Webb Roberts</i>   |
| Building Exchange Document Schemas  | <i>Christina Medlin</i>   |
| Reference Architecture  | <i>Christina Medlin</i>   |
| 1) Gather/Define Requirements<br>Analyze Your Document Requirements<br>Justice Information Exchange Model (JIEM) Tool | <i>Catherine Plummer<br/>SEARCH, The National Consortium for Justice<br/>Information and Statistics</i> |

**Day 3—Thursday, May 13, 2004 (8:00 a.m. – 12:00 Noon)**  
*Continental Breakfast—7:30 a.m. – 8:00 a.m.*

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|---|--|
| Reference Architecture ( <i>continued</i> )   | <i>Christina Medlin</i>  |
| 2) Search, Select, and Refine<br>Map Requirements<br>Tools, References, and Work Aids<br>Global JXDM Schema Subset Tool | <i>John Matthews</i>   |
| 3) Build Document Schema<br>Document Structure<br>Decisions<br>Document Extension                                       | <i>Christina Medlin</i>  |
| 4) Validate Conformance<br>Xerces-Based XML Validation Tool   | <i>Christina Medlin</i>  |
| 5) Validate Business Rules (constraint schemas)   | <i>Christina Medlin</i>  |
| Industry Perspective  | <i>Paul Wormeli, IJIS Institute<br/>and Mike Hulme, Unisys Corporation</i> |
| Global JXDM Management Concepts<br>Governance and Control<br>Conformance Issues<br>How to Stay Informed                 | <i>Ken Gill, OJP</i>   |
| Closing Remarks/Class Evaluation  | <i>Patrick McCreary, OJP</i>   |