

## Purpose of Reader's Guide

This Reader's Guide is intended to facilitate a "quick start" or initial reading of the Enterprise Directory Implementation Roadmap course materials as being offered in two workshops titled SURA-PACS NMI Implementation Workshop: Enterprise Directory Services & Directory-enabled Applications being held August 19-20 and September 23-24, 2003. This Reader's Guide can help the reader access the rich information content at a "first level" in preparing for the workshop.

## General Layout and Resources

To understand the context of the Enterprise Directory Implementation process and the available resources in the roadmap, familiarize yourself with the site, following these 3 steps:

**1. Point your browser to the Roadmap.**

<http://www.nmi-edit.org/roadmap/directories.html>

**2. The Roadmap is outlined in a collapsed outline form, with the four main sections represented by the graphic box on the left side of the Roadmap window.**

- Read the **Introduction** to the right.
- Click on the boxes (or project stages) on the left side of the screen and review the steps displayed in **Outline** at the right side of the screen.
- Click on the outline headings to see more **Detail** for each outline step.
- Review the entire roadmap this way, getting familiar with the stages in both the policy/management and technology/architecture areas. The Introduction and the four sections of Outline (including the Detail for each outline step) totals about 30 screens. This gives a good understanding of Enterprise Directory Implementation.

**3. Finally, select Additional Resources (PDF, DOC, or HTML format) from the embedded links, Articles, or Documents on the Detail pages.**

- Following are **Additional Resources** that we recommend you read. To help you navigate, the Additional Resources are listed in outline form, showing on which Detail page the Additional Resource is found (as an Embedded Link, Article, Document, etc.).
- Note: many of these Additional Resources are linked to from several sections in the Roadmap. While listed below under a particular section, they may apply to multiple sections.

## I. THE INTRODUCTION

Enterprise Directory Implementation Roadmap

<http://www.nmi-edit.org/roadmap/directories.html>

## II. PROJECT PLANNING

### Project Planning, Preparation & Requirements

<http://www.nmi-edit.org/roadmap/plan/plan-set.html>

#### **Develop business case and secure support**

[http://www.nmi-edit.org/roadmap/plan/plan\\_buscase-set.html](http://www.nmi-edit.org/roadmap/plan/plan_buscase-set.html)

#### **Articles**

Directory Services: The Foundation for Web Portals (PDF)

*READING GUIDE: Read. (2 pp.)*

Middleware: Addressing the Top IT Issues on Campus (PDF)

*READING GUIDE: Read. (5 pp.)*

#### **Documents**

Middleware Business Case (PDF)

*READING GUIDE: Read 1-7, Scan 8-14, Scan Glossary 21-23.*

#### **Slide presentations**

Introduction to Middleware (HTML) (PPT)

*READING GUIDE: Scan if time. (33 pp.)*

#### **Develop project plan**

[http://www.nmi-edit.org/roadmap/plan/plan\\_projectplan-set.html](http://www.nmi-edit.org/roadmap/plan/plan_projectplan-set.html)

#### **Embedded Links**

Internet2 Early Adopters scope documents (HTML)

*READING GUIDE: Read Dartmouth Profile (6 pp.), Dartmouth Scope (7 pp.), CAMPUS Survey (3 pp.)*

#### **Documents**

Identifiers, Authentication, and Directories: Best Practices for Higher Education (HTML)

*READING GUIDE: Read. (15 pp.)*

#### **Assemble resources**

[http://www.nmi-edit.org/roadmap/plan/plan\\_asmbresource-set.html](http://www.nmi-edit.org/roadmap/plan/plan_asmbresource-set.html)

*READING GUIDE: Read. (3 pp.)*

#### **Articles**

On Beyond Z: Building a Directory Service (PDF)

*READING GUIDE: Read if you have time. (6 pp.)*

### **III. ARCHITECTURE & POLICY**

#### Directory Architecture Design & Initial Policy Development

<http://www.nmi-edit.org/roadmap/design/design-set.html>

##### **Develop campus identifier strategy**

[http://www.nmi-edit.org/roadmap/design/design\\_develop-set.html](http://www.nmi-edit.org/roadmap/design/design_develop-set.html)

##### **Embedded Links**

Internet2 Early Adopter project (HTML)

*READING GUIDE: Read Johns Hopkins doc (2 pp.)*

*Read Model Identifier Mapping. (2 pp.)*

##### **Documents**

Internet2 Identifiers page (HTML)

*READING GUIDE: Read. (2 pp.)*

##### **Research directory services architectures**

[http://www.nmi-edit.org/roadmap/design/design\\_researchdirarch-set.html](http://www.nmi-edit.org/roadmap/design/design_researchdirarch-set.html)

##### **Embedded Links**

A Recipe for Configuring and Operating LDAP Directories (HTML)

*READING GUIDE: Read (at least skim). (30 pp.)*

eduPerson (HTML)

*READING GUIDE: Skim 1-10, if time skim 11-27.*

##### **Documents**

Practices in Directory Groups (HTML)

*READING GUIDE: Read Introduction only, 1 p.*

##### **Research and design system architectures**

[http://www.nmi-edit.org/roadmap/design/design\\_research-set.html](http://www.nmi-edit.org/roadmap/design/design_research-set.html)

diagrams (HTML)

*READING GUIDE: Read. (1 p.)*

### **IV. DATA FLOW & BUSINESS PROCESS**

#### Data Flow & Business Process Review Continue Policy Development

<http://www.nmi-edit.org/roadmap/data/data-set.html>

##### **Review chosen application requirements**

[http://www.nmi-edit.org/roadmap/data/data\\_review-set.html](http://www.nmi-edit.org/roadmap/data/data_review-set.html)

##### **Documents**

Metadirectory Practices for Enterprise Directories in Higher Education (HTML)

*READING GUIDE: Read. (29 pp.)*

**Review and design business processes**

[http://www.nmi-edit.org/roadmap/data/data\\_business-set.html](http://www.nmi-edit.org/roadmap/data/data_business-set.html)

**Documents**

Sample Enterprise Directory Philosophy and Oversight Process (HTML)

*READING GUIDE: Read. (2 pp.)*

**V. IMPLEMENTATION & DEPLOYMENT**

Directory & Applications Implementation & Deployment

<http://www.nmi-edit.org/roadmap/app/app-set.html>

**Implement directory, security, and data flow architecture**

[http://www.nmi-edit.org/roadmap/app/app\\_implement-set.html](http://www.nmi-edit.org/roadmap/app/app_implement-set.html)

**Tools and Resources**

LDAP Analyzer.

*READING GUIDE: Read. (1 p.)*

**Deploy monitoring and operational tools**

[http://www.nmi-edit.org/roadmap/app/app\\_deploy-set.html](http://www.nmi-edit.org/roadmap/app/app_deploy-set.html)

**Tools and Resources**

LDAP Operational ORCA Kollector (Look)

*READING GUIDE: Read. (2 pp.)*