SCORE Prototype Project
NAVSEA - KEYPORT

- LSI
- Eduworks
Overcome challenges of reusing content from multiple sources.
Problem Description

- How do you increase the accessibility to effective content?
- How do you repurpose existing content?
- How do you refine repurposed content to meet the instructional needs and preferences of the learner?
Solution Overview
Processes

- Planning a conversion and reuse strategy
- Converting content into the SCORE Exchange Format
- SCO definition and editing
- SCORE Content aggregation and sequencing
SCORE Process Diagram

1. Source Content
2. SCORE Conversion Utility
3. SCORE Exchange Format
4. SCORE Tool
5. SCORE Content (SCO)
6. SCORM Aggregation Tool
7. SCORM Package
8. SCO

August 26, 2005
Planning Conversion / Reuse

- intended users
- intended pedagogic use
- source content in convertible format
- user interface style conventions
- necessary support materials?
- technical constraints on delivery format
- pedagogy-to-SCORM mapping

Planning SCORE
Content Conversion

August 26, 2005
SCORE Final Project Report 7
Demo Highlights

Will see output from This utility

Source Content

SCORE Conversion Utility

SCORE Exchange Format

Will examine Exchange Format, control Files etc.

Will see Original H60 content

SCORE Exchange Format

SCORE Tool

SCORE Content (SCO)

Will see editing / re-styling Mix / match from two sources

SCORE Content (SCO)

SCORM Aggregation Tool

SCORE Content (SCO)

SCORM Package

SCO

Will see editing / re-styling Mix / match from two sources
Content Evolution

1995
Monolithic Opaque

2000
SCORM Modularized opaque Content

2005
<XML>
Structured Content
</XML>

Being Developed Now

Location

Based on Open standards

UI Model

Navigation

Content Region

Identification/Heading

generic content elements

LET content elements

Score Final Project Report August 26, 2005
XML-Based SCORM Studio

Under development
(See brochures)
Research Focus Area

Reuse of Content From Multiple Sources

ADL Problem Space
Research Focus Area

Designer-friendly SCORM-Based Adaptive Learning

ADL Problem Space
Research Focus Area

ADL Problem Space

Suite of Services in Support of ADL
Research Focus Area

USER CENTRIC SUPPORT FOR END-TO-END SCORM WORKFLOW BASED ON OPEN STANDARDS AND SERVICES

Designer-friendly SCORM-Based Adaptive Learning

Suite of Services in Support of ADL

ADL Problem Space