

# *“The Premature Arrival of the Future”*

**The 3-Ring Content Circus  
Comes to Town!**

**TechLearn 2001  
Orlando, Florida**

**Oct. 30, 2001**

# Presented by:

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- n John
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# Key Areas for Presentation:

- n Value Propositions
- n Vision
- n D.A.D. Content model:
  - n Development
  - n Assembly
  - n Delivery
- n Technology
- n Trends

# Inter Dependence

- n Shared Visions
- n Shared Problems
- n Shared Solutions
  
- n New opportunities
- n New Requirements
- n New Responsibilities

# The Vision

n In a word .....

n PERSONALIZATION

n Personalized Learning

n Personalized Content

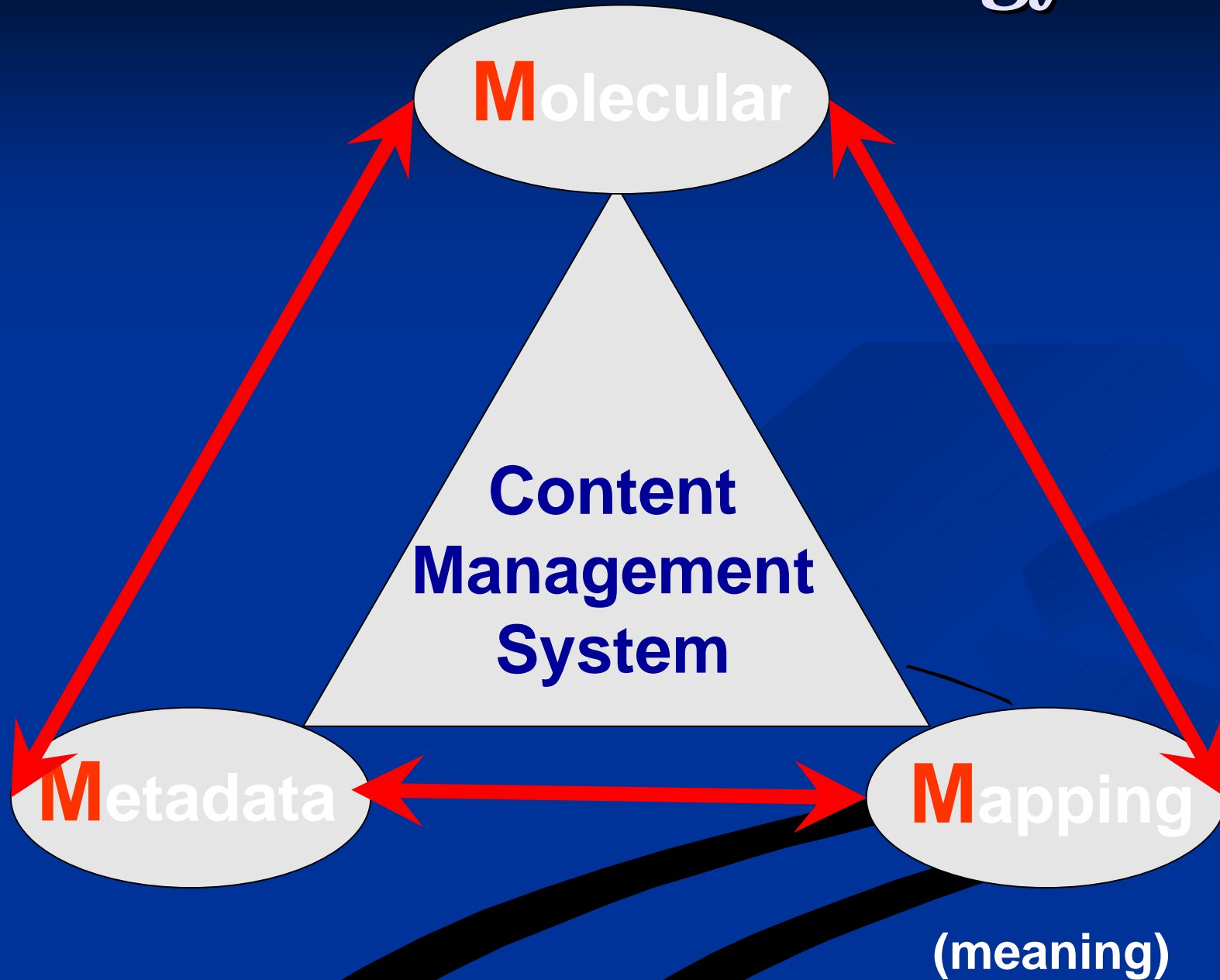
n Personalized Technology

n In a few more words .....

# The Vision: Just the “Right Stuff”

- n Just the right **CONTENT**, to
- n Just the right **PERSON**, at
- n Just the right **TIME**, on
- n Just the right **DEVICE**, in
- n Just the right **CONTEXT**, and
- n Just the right **WAY**

# “M3” - Content Strategy



# The “D A D” Content Model



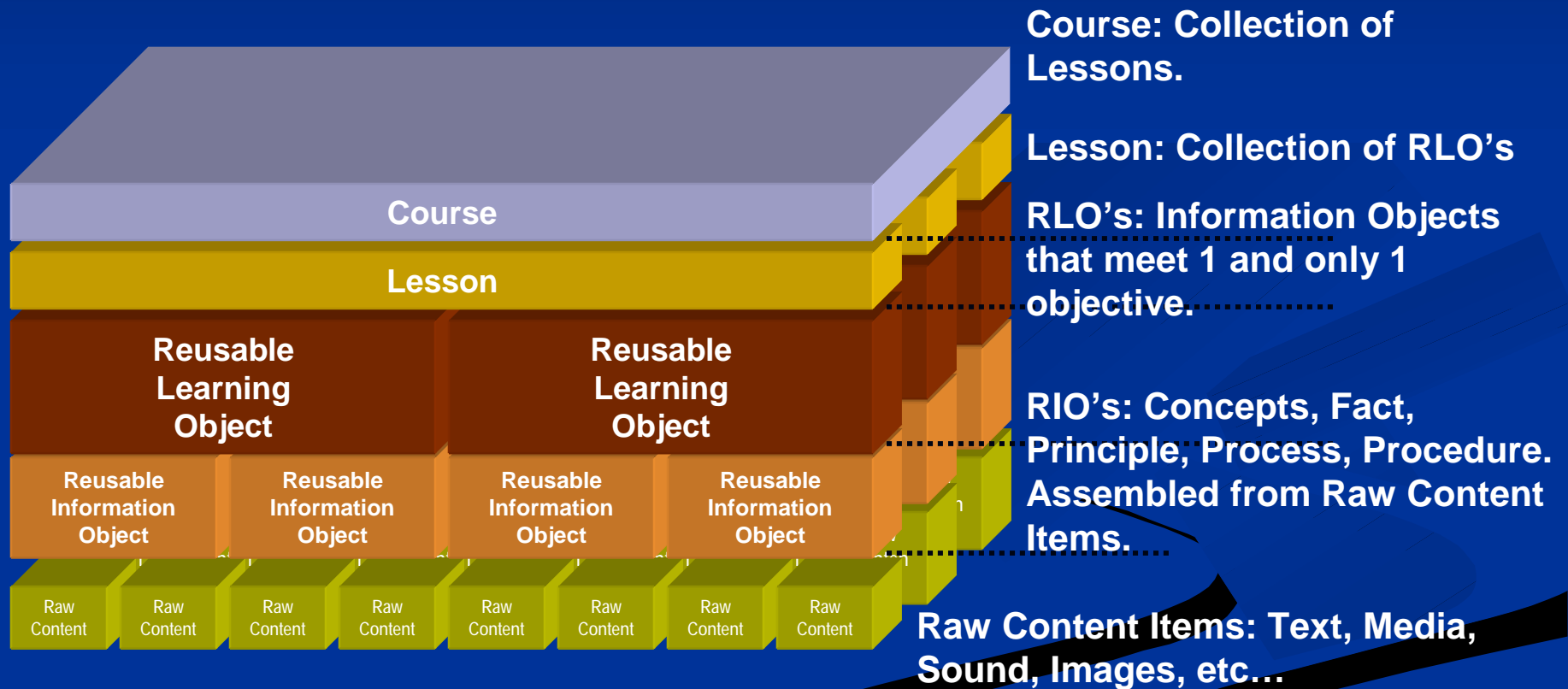


# Information Liquidity Requirements:

- n Content Strategy
- n Knowledge Architecture, mapping
- n Metadata
- n Adoption of common standards
- n New age content creation tools
- n Content Management system(s)

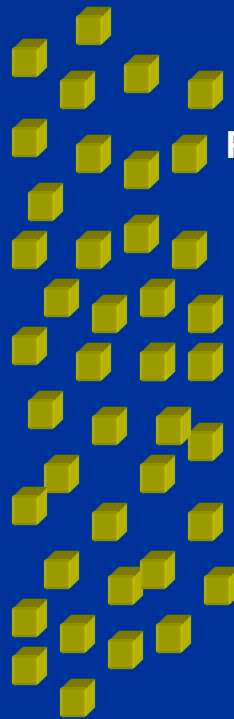
# LEARNING OBJECT

## Building Block Model View

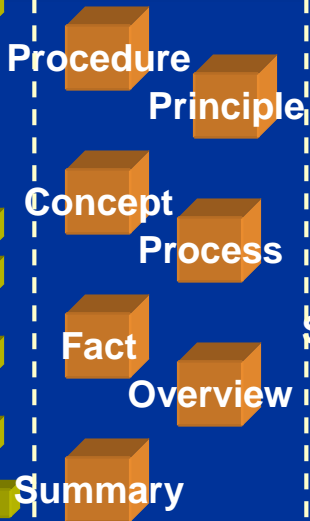


# Molecular Model View

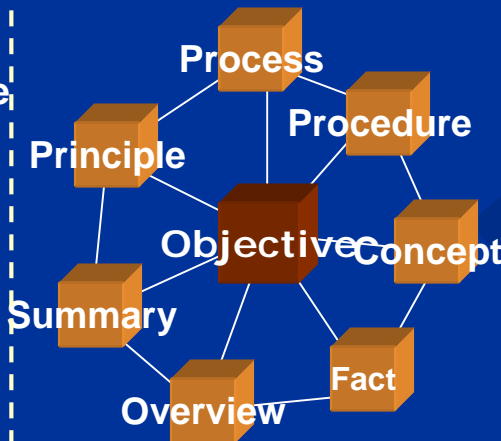
Content  
Items



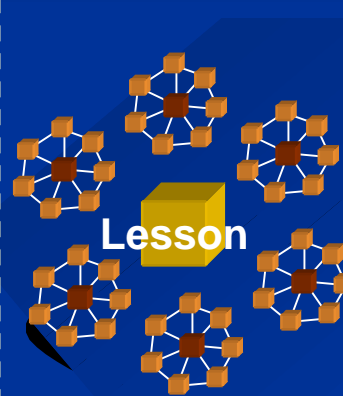
Reusable  
Information  
Objects  
(RIO)



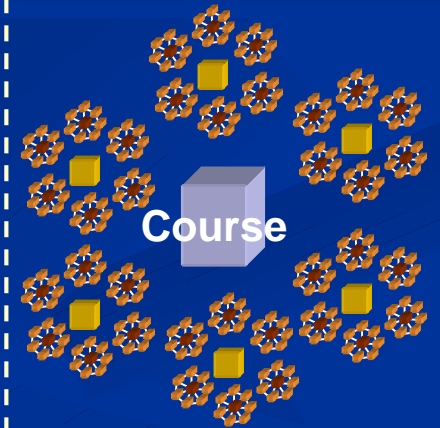
Reusable  
Learning  
Object  
(RLO)



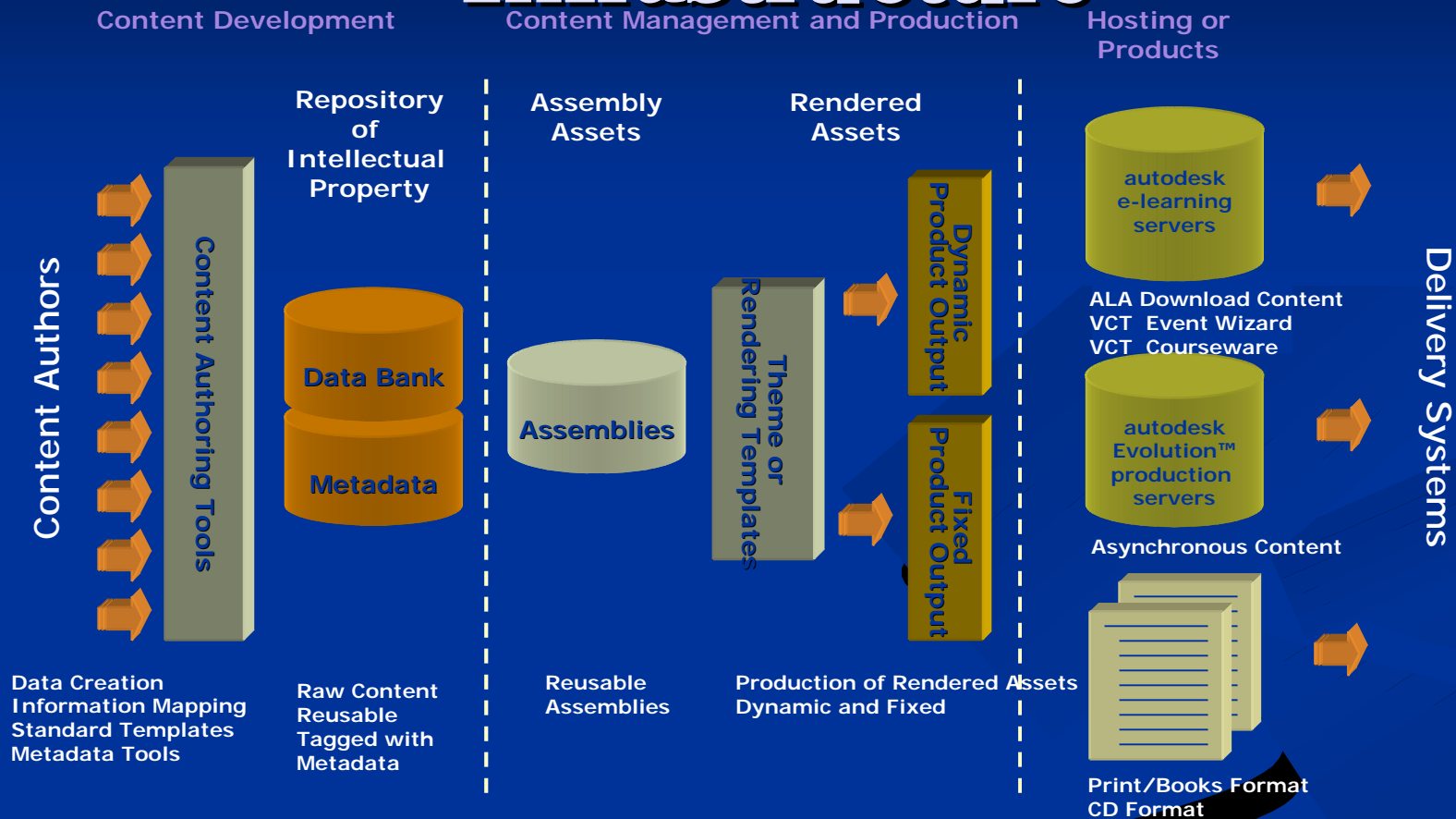
Lessons



Courses

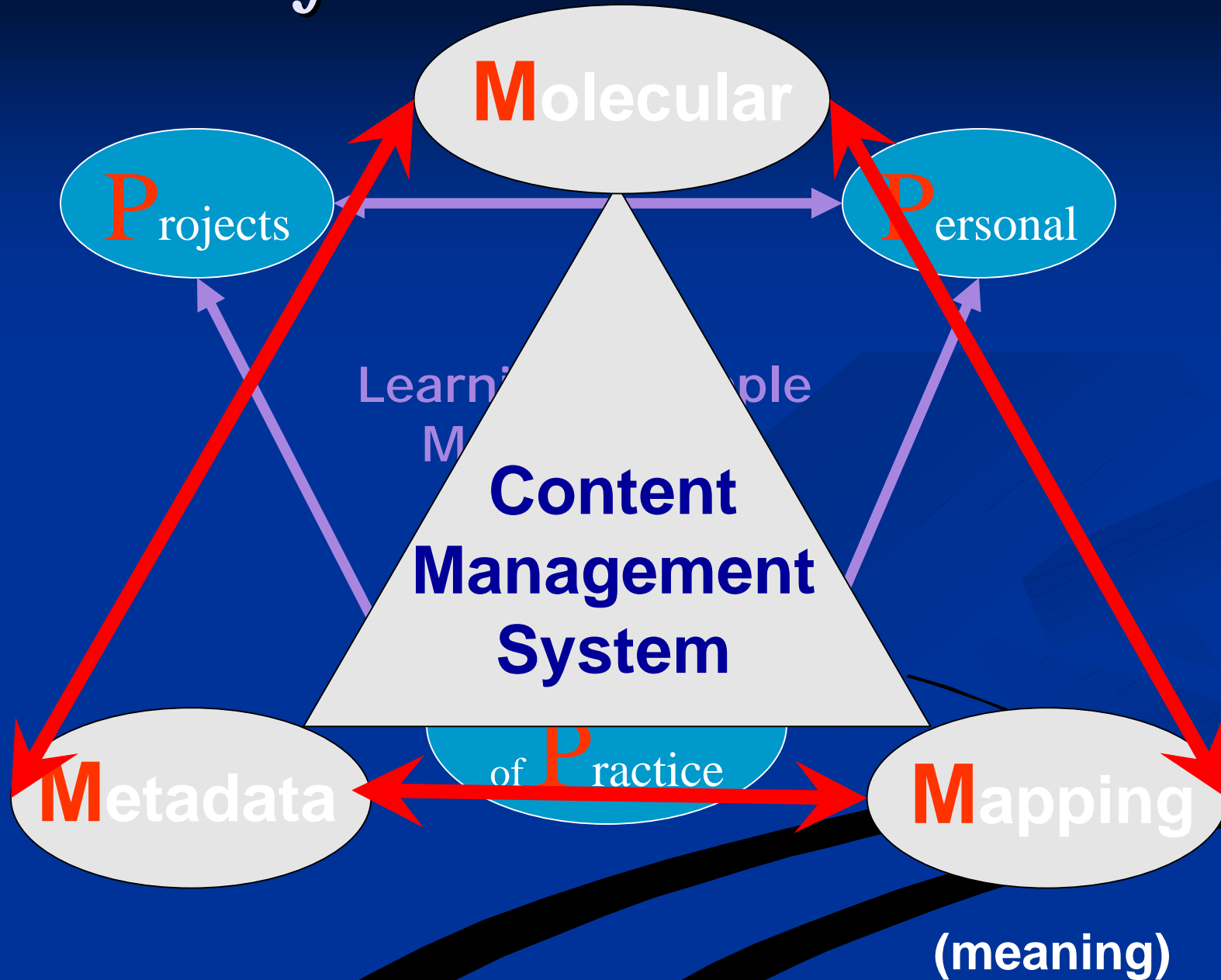


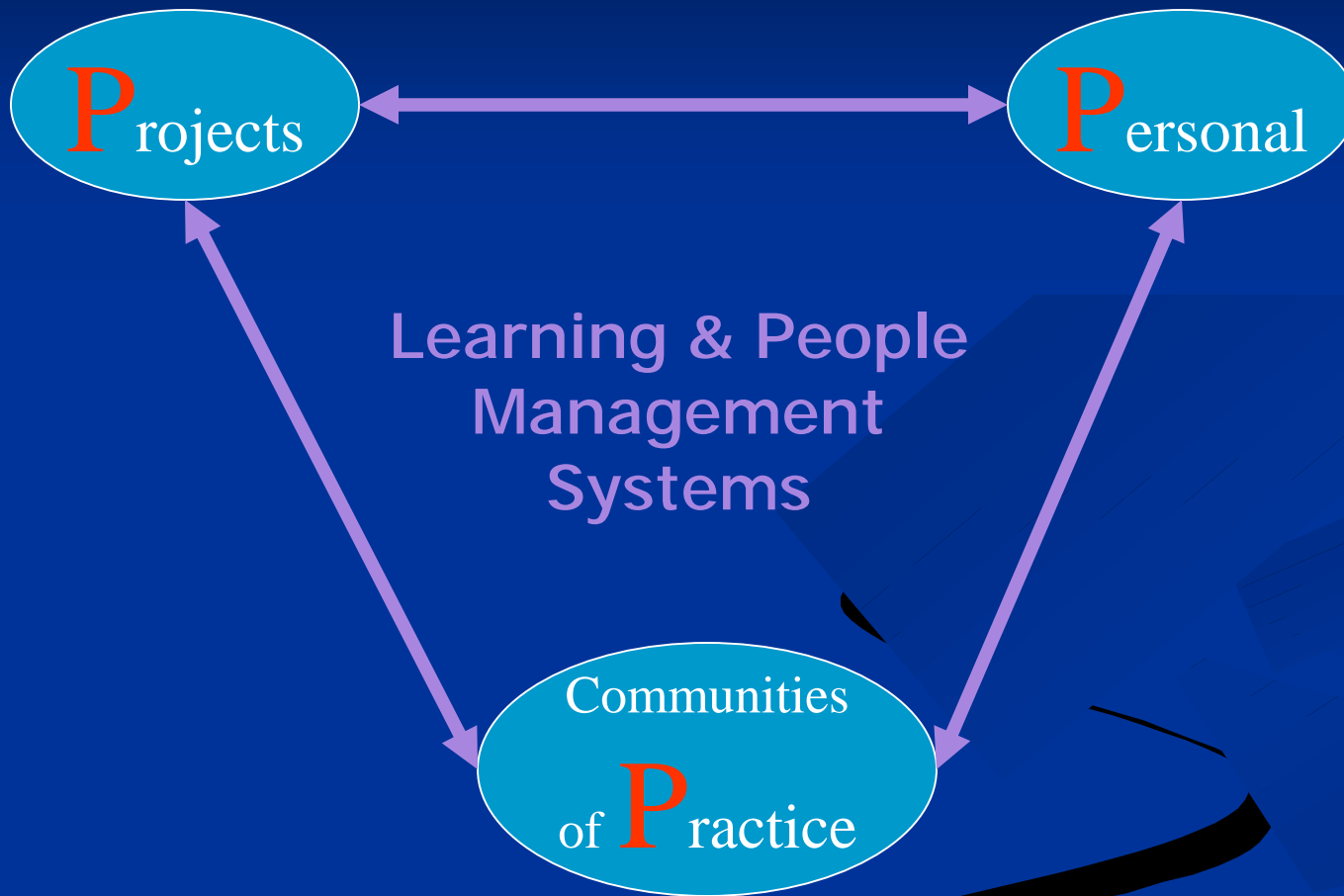
# Content Development Infrastructure



LCMS (Evolution™ by OutStart®)

# Wayne's "MP3" Model





# Technology Innovations

- n Digital Paper, Paint & Pens
- n Collaboration Technology
  - n P2P
  - n Instant messaging
  - n VoIP
- n Data mining, Pattern recognition & Profiling
- n Simulation & Game based learning content
- n Location Based Services
- n Automated collections, repositories & metadata

# Mega Trends

- n “Digimation”
  - n Digitizing & Automating Process & Practices
- n “Microtization”
  - n “Small is Beautiful!”
  - n Macro c Micro
- n Convergence
  - n KM, eLearning, CRM, HR,
- n Intermittent c Continuums
- n Static c Dynamic c Adaptive Learning
- n Standards for Learning & Technology
- n Coaching

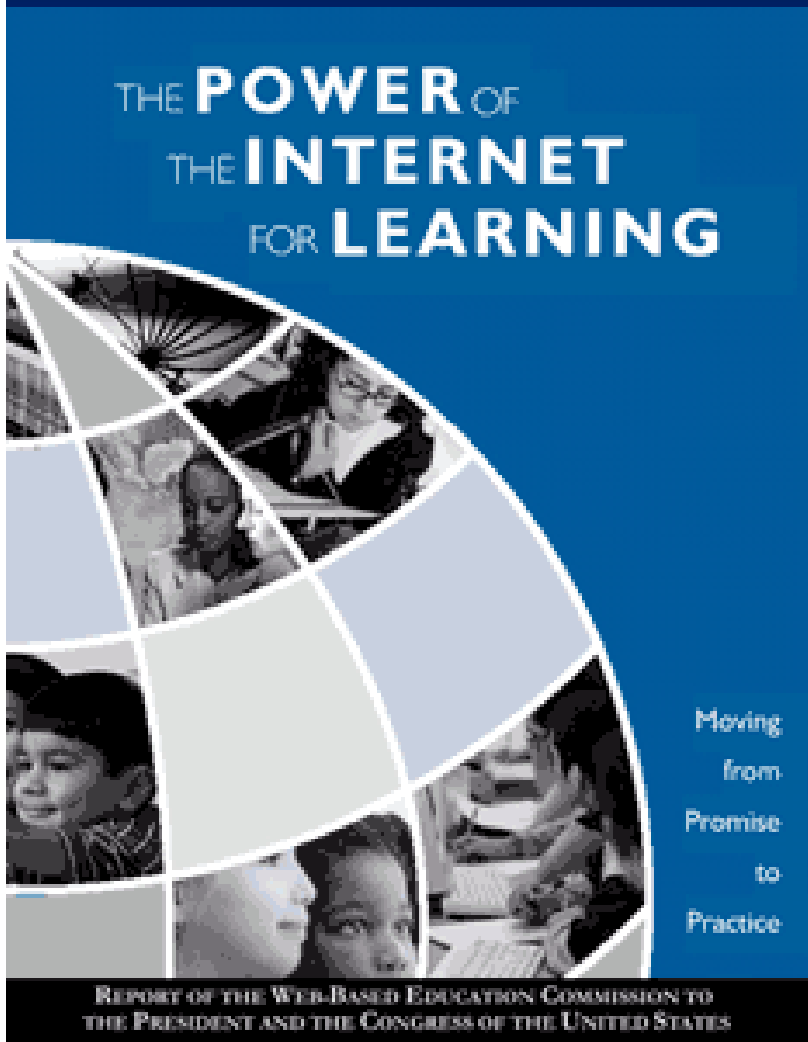
# Resources & Follow up:

- n NGA/ASTD Vision Paper “Into the Future”
- n “The Power of the Internet for Learning”
- n “Metadata and Organizing Educational Resources on the Internet”
- n “The Instructional Use of Learning Objects”
- n ADL SCORM
- n Topic Mapping

All available at:

[Learnativity.com](http://Learnativity.com)

# *“The Power of the Internet for Learning”*



n Web-Based Education Commission

n Released Dec. 19, 2001

n Full document available:

<http://www.webcommission.org>

\*\* Note: ~6 meg PDF file

# *“Into the Future”*

- n Vision Paper for
- n NGA/ASTD Commission for Technology & Adult Learning
- n Public domain content
- n Granular “LEGO™” format
- n Available at [www.learnativity.com](http://www.learnativity.com)
  - n PDF format
  - n Note: 1 Meg file size

# *"The Instructional Use of Learning Objects"*

- n beyond the technological hype
- n connecting learning objects to instruction and learning.
- n Each chapter by a different world expert
- n licensed under the Open Publication License v2.0
- n Full text of the book freely available online at:  
<http://reusability.org/read/>
- n Please join the discussion & critique

Thanks to Dr. David Wiley,  
Postdoctoral Fellow  
Instructional Technology Institute at Utah State University

# "Metadata and Organizing Educational Resources on the Internet"

- n Editor = Jane Greenberg, PhD
- n practical presentation of empirical case studies and theoretical elaboration.
- n covers groups working on learning related metadata including IEEE LTSC, ARIADNE, GEM, IMS, CDL
- n Some content available for a fee from The Haworth Document Delivery Service:

[getinfo@haworthpressinc.com](mailto:getinfo@haworthpressinc.com) or at [www.HaworthPress.com](http://www.HaworthPress.com)

# Topic Mapping References

## n TAO article

n <http://www.ontopia.net/topicmaps/materials/tao.pdf>

## n Needles & Haystacks at:

n <http://www.ontopia.net/topicmaps/materials/mlangart.pdf>

## n Topic Maps at Work paper at:

n <http://www.topicmaps.com/content/resources/xmlhb2/hhr-stp.pdf>

## n Others at:

n [http://www.ontopia.net/topicmaps/learn\\_more.html](http://www.ontopia.net/topicmaps/learn_more.html)

n <http://xml.coverpages.org/gen-apps.html#topicMaps>

n <http://www.gca.org/papers/xmleurope2000/papers/s22-03.html>

**Thank  
You!!**

More information and resources at:

**[www.learnativity.com](http://www.learnativity.com)**

**Let me know:**

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