

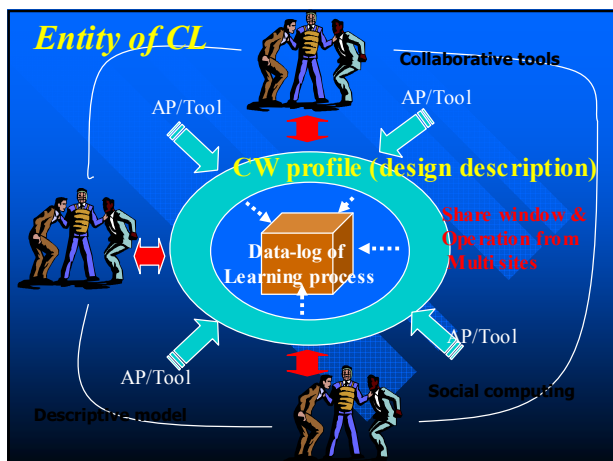
The Organizational Knowledge Circulated Management System on e-Learning Practices & Direction to Next Concept

Toshio Okamoto, PhD Professor
University of Electro-Communications,
Tokyo-Japan

*President: Japanese Society of Information
System on Education*

Knowledge Society and Next Society

- By network technology, we need the total management system for knowledge producers, providers and consumers
- From structured knowledge to ill-structured knowledge
- Methodology change.....classroom lecturing to modern apprenticeship
- Change of Employment Systems



The principles of e-Pedagogy from Social computing

- Demand Driven
- Self-Identity through social activity
- One Top Access to Real World and Data
- Constructional Conjunction for Semantics and Concept by Interactive activity

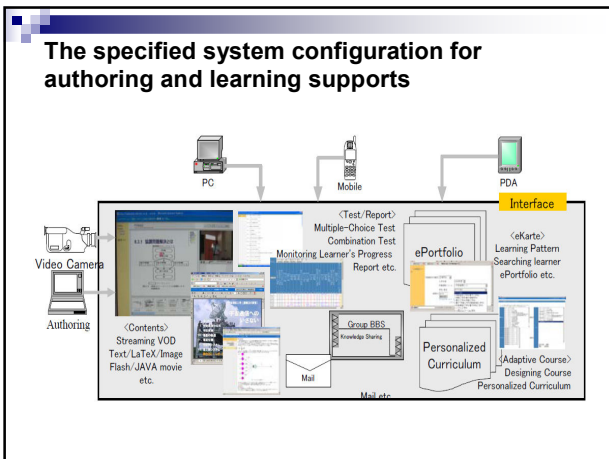
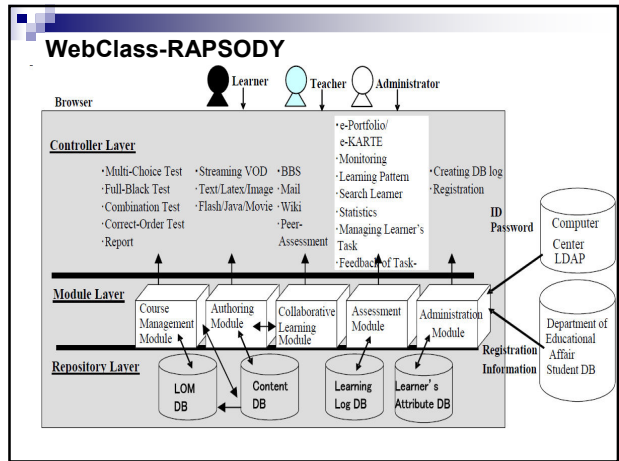
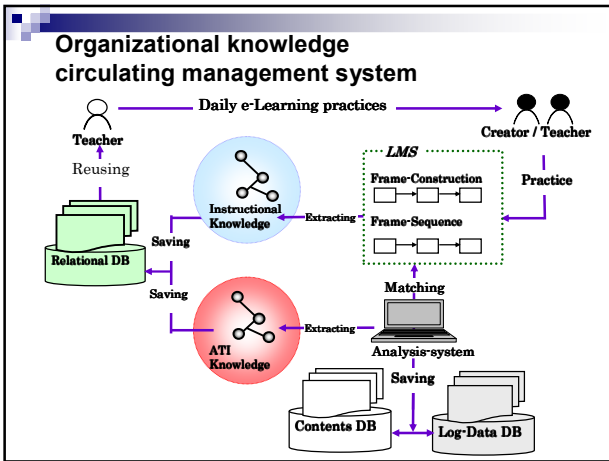
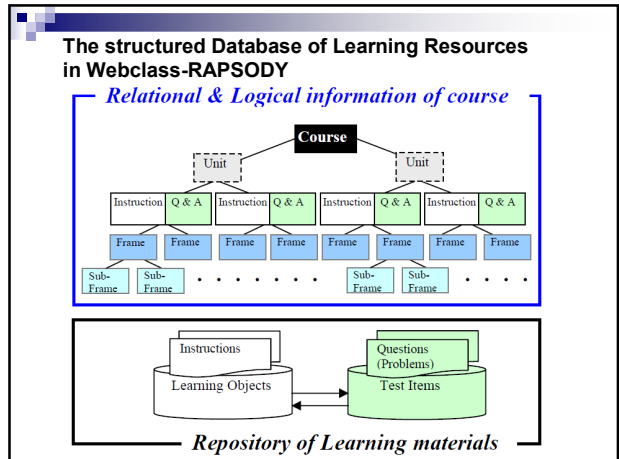
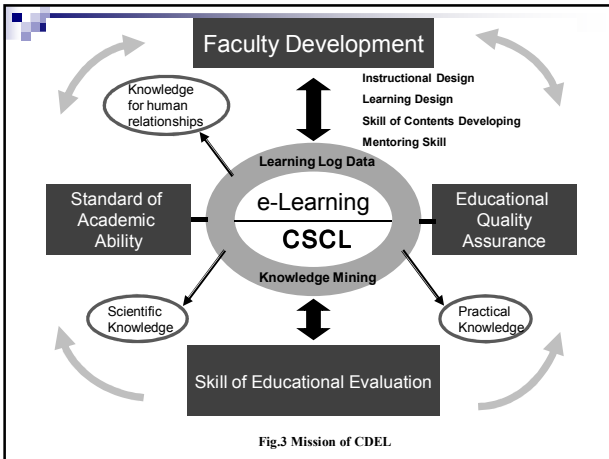
Why we need e-pedagogy?

- Changing teachers/instructors' roles?
- Changing teaching/learning styles?
- Changing teaching/learning resources?
- Changing methodologies of teaching/learning?
- Changing peoples' thinking ways, mentality?
- Changing social/industry/business infrastructure?

Dimensions(parameters) of Learning Design

Highly structured	Structure	No structure
high	Teacher control	low
external	Moderation of learning	internal
external	Learner motivation	internal
Curriculum based	Learning content	Learner based
Unilateral by teacher	Assessment	Unilateral by learner

As design & operational factors
Changing Pedagogies



E-Karte

- Immediate feedback for learning progress
- Mentoring & Monitoring
- Revise e-contents
- Management improvement

CDEL Center Developing E-Learning

Name: Toshiro Ohamura
Affiliation: Information Systems

Chapter	1	2	3	4	5	6
Access	2	4	2	2	4	4
Time (h)	4.1	4.9	2.0	2.2	2.1	2.9
Time (h) (ave)	2.1	0.9	3.1	2.0	0.4	0.6
Test	0	0	0	0	0	0

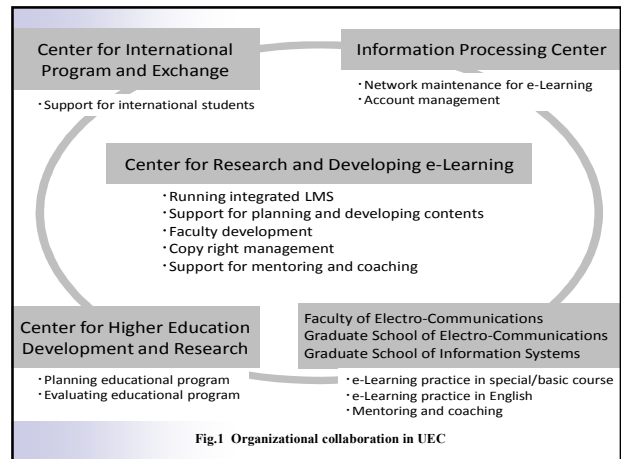
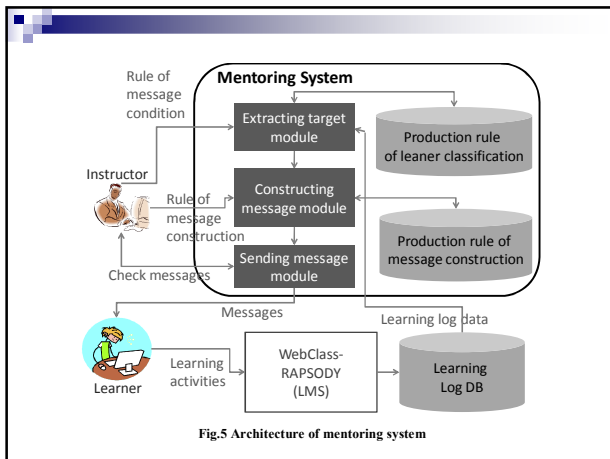
【学習進捗状況】 (平均を (ave) と表示)

【教師からのコメント】

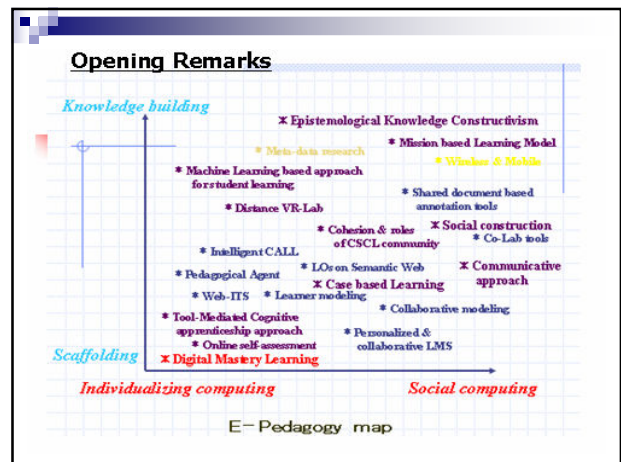
Access: 最初のアクセスは研修が終了しています。
Time: 研修の進捗状況が研修終了の4段階を超えています。もう少し学習しましょう。
Test: 最初のテスト結果が研修終了で研修が完了しています。

【学習進捗状況】

よくアクセスして学習している研修が研修終了についてお知らせです。もっと学習を進めましょう。



- ### Open Learning Environment and Executing Strategies for Human Development
- Curriculum and Subjects(basic/up-to-date)
 - Quality of Courses
 - Competency Assurance -> national certification and qualification-> authorization
 - Cost Burden
 - Sustainable Supports (pedagogical and physical)
 - Linkage with real workshops



- ### Conclusions
- Sustainable organizational managing scheme for human development
 - Sustainable growing services for people
 - Technological & Pedagogical environments for Collaboration and autonomous individual learning
 - Commitments, contributions and self-responsibility including money bearing
 - Concept for e-Learning2.0