

(AEN Project 2005)

Operation of AEN portal site

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e-Learning Consortium Japan

5. Operation of AEN portal site (utilization promotion of activity outcomes)

5.1 Objective and overview

AEN that aimed at effective human upbringing in Asia, improvement of industrial competitive force and e-Learning business promotion, should not be closing but aggressively perform information transmission, and is aiming at cooperation with e-Learning related promotion body, etc. by attracting various people interest.

While e-Learning is internationally highlighting including Asia as an effective human upbringing technique, in order to promote genuine propagation expansion of the e-Learning in Asia in future, information share such as latest tendency and technical information opinion exchange and propagation enlightenment related to the e-Learning are mandatory. In order to aim at freely supplying all outcomes obtained by this AEN activity to world people, this portal site has been created.

In order that the AEN portal site is effectively functioning as information share location such as latest tendency and information related to the e-Learning between Asian countries, AEN portal site operation is being performed by updating the inserted information to latest site and by modifying the system that each function can be more comfortably used.

This year, we will improve the convenience for users by supplying Japanese site and by modifying multi-key, etc. of outcomes classification.

5.2 Utilization and promotion of SCORM viewer, SCORM assessor training content, etc.

Software and contents of the title which is outcomes of AEN was arranged to be able to freely access from the portal site.

(1) Supply of SCORM viewer

The SCORM viewer was developed in the OSS style as the learning system of standalone type of which e-Learning can be used even under insufficient environment of infrastructure maintenance required for internet such as internet, learning system, etc.

There are 2 items for this utilization effect as follows:

- Various SCORM compatible contents developed by other countries are used as the learning material, and technical improvement of own country can be done.
- e-Learning technologies of learning and improvement can be done by that SCORM technology and content case can be freely referred to.

(2) Supply of SCORM assessor training content

The SCORM assessor qualification system is the system that the SCORM complied content development engineers and the SCORM compatible content products defined by e-Learning Consortium, Japan, is to validate, and has been promoting introduction

to each AEN country and development.

As the link, there are “Understanding of system” and “Upbringing of SCORM engineer”, and “SCORM assessor training content” that can be learned by e-Learning was developed as the learning material. This material has been prepared with 2 country languages of English and Japanese, and has been devised so as to easily understand by voice, exercise, etc.

This material is “Content presentation site” of the AEN portal, and anyone can learn using the ASP service at free of charge.

Therefore, each AEN country can efficiently learn the SCORM assessor system and SCORM technology using this content.

Furthermore, this material has been disclosed as text material other than supply by-Learning.

5.3 Utilization promotion of AEN portal site

In order to improve the convenience of users for utilization promotion, the following 5 items were improved this year:

Supply of Japanese site:

There was only English site up to last year, and it was kept at a distance by general domestic users. This portal site was therefore arranged by 2 languages of English and Japanese so as to be freely accessed by the domestic users.

English translation of report document and disclosure:

The activity report was prepared by Japanese language up to last year, and was disclosed as it was, however since due to the language, it was difficult to use for various overseas country users, and the overview volume of report was translated into English to disclose the outcomes by both English and Japanese languages.

Opening of content presentation site:

Important and interested item for users regarding e-Learning is the content production. Typical content example was disclosed as hint of the content production, and in order to impress on user mind such as “It’s amazing such method to create!!”, this site was architected on LMS, and everyone could be used at free of charge.

Multi-key orientation of classification:

There was key only by year by year up to date for retrieving concerned outcomes, etc., however it was arranged for easy retrieval by adding the classified key by purpose/the key by country.

Screen renewal:

Present screen was reformed by synchronizing with multi-keys for easier understanding and easier menu/map.

5.3.1 Supply of Japanese language site

- The following guidance mark to Japanese site was inserted into the AEN top page so that domestic users can also attract.

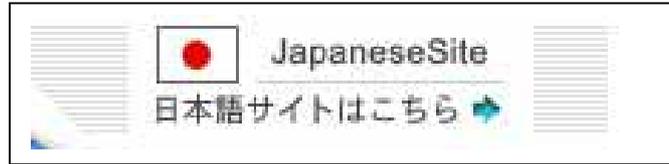


Figure 5-1 Link to Japanese site

- In order to let users understand AEN, the following index was inserted into cover page in Japanese site so as to be able answer on basic question of “What is doing?” .

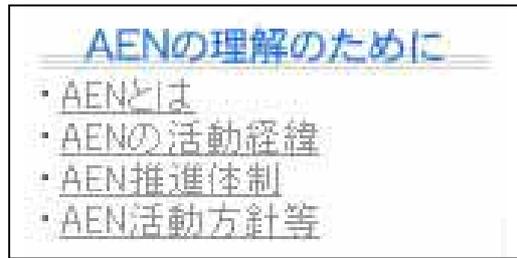


Figure 5-2 Activity overview introduction

5.3.2 Registration of outcomes to English and Japanese site

(1) Registration of AEN report

Since the AEN various reports - 2004 were prepared by English and Japanese languages, these were processed to register both language sites. Access to this type of report is very high, and in spite publication has not been specially performed, the number of download constantly exceeds 1000/month since registration start, and exceeds 5000 in total as of February 2006.

Table 5-1 Number of download of 2004 Japanese language report
(from high ranking)

Report title	September	October	November	December	January	February	Total
Surveillance of e-Learning market trend and Technical trend	24	74	52	53	54	69	326
e-Learning trend surveillance in Asia	26	50	56	31	51	91	305
IT high application committee-Searching near future image of e-Learning- regarding "knowledge"	24	38	29	23	33	34	181
Interoperability technology, validation system, etc. of e-Learning (AEN-WG1/WG2)	13	29	26	17	22	72	179
Surveillance related to skill set policy required for professionals upbringing regarding operation of e-Learning system, etc. (AEN-WG3)	18	21	30	18	38	28	153
Development of skill set related to e-Learning professionals	17	30	31	14	28	30	150
Development of e-Learning material content for SCORM assessor upbringing	17	22	35	20	23	28	145
Surveillance related to quality standard of content, service, etc. (AEN-WG4)	19	28	26	20	21	23	137
Development and validation experiment of content for checking e-Learning quality	21	21	31	14	29	21	137
Implementation of information exchange, etc. regarding interoperability, validation system, etc. in each AEN country	15	15	19	13	14	48	124
Development of standalone PC compatible SCORM viewer	12	23	34	14	18	23	124
Domestic operation/evaluation of SCORM assessor system and development support to each AEN country	13	18	18	16	19	33	117
Holding of AEN/AWARD - Status of e-Learning AWARD in each AEN country and introduction of awarded product -	9	14	22	16	23	30	114
Gland total	228	383	409	269	373	530	2192

Table 5-2 Number of download of 2004 English report (from high ranking)

Report	September	October	November	December	January	February	Total
e-Learning White Paper 2005/2006 (excerpted from chapter 1)	95	51	114	80	65	110	515
Surveillance on e-learning market trend and technical trend in Japan	60	39	82	49	74	136	440
Research activities for quality assurance item or criteria for e-Learning contents and services	35	33	66	49	33	81	297
AEN AWARD Implementation Report	35	37	60	37	26	60	255
e-Learning interoperability techniques and Certification system(WG1/WG2)	29	22	49	33	30	61	224
Research on establishing the skill set necessary for developing professionals who operates e-Learning	26	21	51	35	20	55	208
Development of skill set over e-Learning Professionals	21	15	50	32	25	52	195
Development of the SCORM viewer applicable to the standalone PC	23	28	48	31	16	45	191
ALIVE report	30	24	39	29	17	40	179
Development of e-Learning contents for training SCORM assessor based on SCORM content assessor qualification program	18	29	40	28	16	48	179
Domestic operation/assessment of the SCORM content assessor qualification program and assistance of its expansion into AEN countries	19	18	41	24	11	36	149
Surveillance study regarding human resources development by utilization of e-learning	30	17	28	21	14	39	149
Development and pilot experiment of contents to check the quality of e-Learning contents and services	17	14	35	24	12	39	141
Gland total	438	348	703	472	359	802	3122

Popular reports are Japanese and English languages, and are as follows:

Japanese site:

Rank 1 report and rank 2 report are “Domestic trend surveillance” and “e-Learning trend surveillance in Asia respectively, and rank 3 is “Report searching for future image of e-Learning” titled “Report of high application committee of IT regarding “Knowledge””.

English site:

“e-Learning white paper” and “e-Learning trend survey report in Japan” are especially popular, following the report regarding “Quality criteria of content and e-Learning operation service”. Deserving a special mention is the report of “e-Learning AWARD” which lowest ranking of Japanese language, however it is rank 4 here.

(2) Registration of SCORM assessor textbook

In order to acquire the assessor qualification to perform the SCORM validation, the short course textbook was simultaneously disclosed.

The textbook indexes are as follows:

- Chapter 1 SCORM assessor overview
- Chapter 2 SCORM assessor system overview
- Chapter 3 SCORM 1.2 overview
- Chapter 4 SCORM content creation method
- Chapter 5 SCORM content compatibility inspection method
- SCORM assessor terminology
- Supplemental documents
- Reference

The number of lump downloads of the whole volume are 70 Japanese textbooks and 120 English textbooks in the past 6 months.

Furthermore, each split chapter that can be downloaded is: the Japanese version is 350; “Chapter 4 SCORM content creation method” is approximately 100 in the past 6 months; “Chapter 3 SCORM 1.2 overview” is 80 which both is popular, and most interested descriptions are seemed to be “SCORM standard description” and “Standard complied content creation method”.

Total number of download of English site reached 1000, following 170 for “Chapter 3 SCORM 1.2 overview” and 110 for both “Chapter 5 SCORM content complied inspection method” and “Chapter 4 Creating SCORM content”.

(3) Other outcomes

As soon as SCORM viewer, SCORM 2004 guide/SCORM 2004 content creation guide and 2005 various reports were completed, these will be uploading on the portal site.

In addition, the content presentation site will be opened, and since typical content can be confirmed with e-Learning learning style with explanation, the easy handling portal site will be finishing for not only content developer but also for users.

5.3.3 Multi-key orientation of classification and screen reform

The AEN portal site is disclosing so as to be able to download the AEN conference document and outcomes, however since the number of points exceeded 300, it became difficult to find the concerned document with present key by year base.

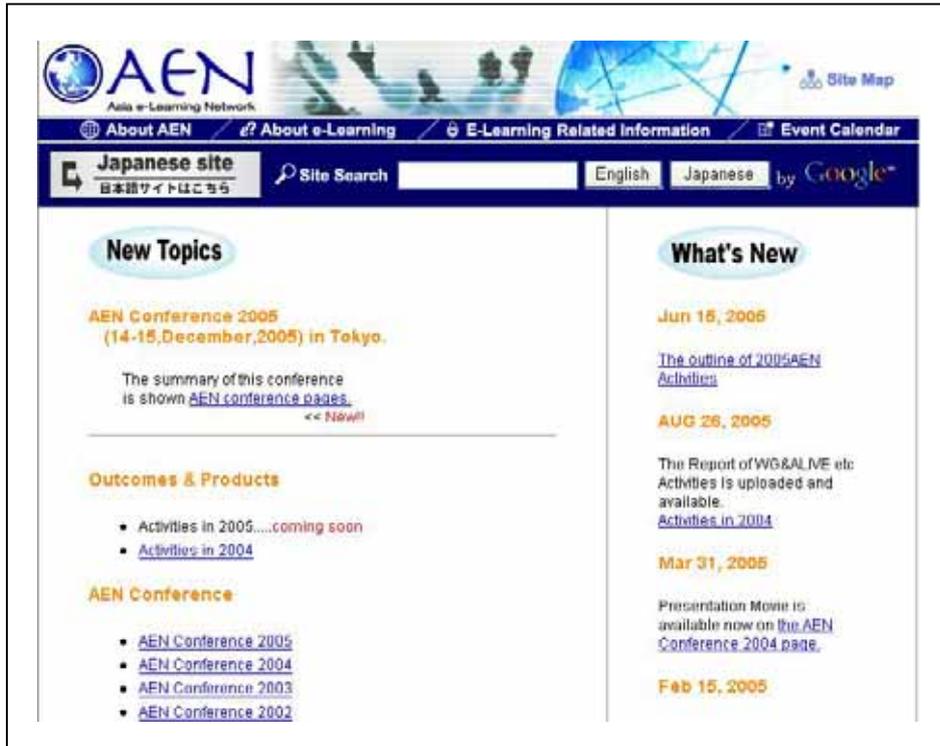


Figure 5-3 Former AEN top screen

The portal screen was therefore renewed, and the multi-key orientation was classified as follows to improve so as to be able to easily retrieve the concerned document.

- a. Year
 - 2005
 - 2004
 - 2003
 - 2002
- b. Country (AEN participating countries)
 - Brunei
 - Cambodia
 - China
 - Indonesia
 - Japan
 - Korea
 - Laos
 - Malaysia
 - Myanmar
 - Philippine
 - Singapore
 - Thailand
 - Viet Nam
 - Other than AEN participating countries
 - AEN secretariat

- c. Purpose and application
 - Trend surveillance
 - Interoperability
 - Multi-language orientation
 - Validation system
 - e-Learning human resource upbringing
 - e-Learning quality
 - SCORM standard
 - SCORM related test tool
 - AWARD
 - Others
- d. Development product
 - Software
 - Contents



Figure 5-4 New AEN top screen

If the classification keyword is clicked on the above screen, related document list is observed, and the required document can be downloaded.



Figure 5-5 Screen example of retrieval result (Example: Select Singapore by above menu)

Furthermore, not only title was provided in the Japanese document but subtitle briefing the document description was also provided, and it was arranged to be able to easily identify whether it is the document matched with purpose or not.

コンテンツ、サービスの品質基準等に関わる調査(AEN-WG4)	 Download
eラーニングの専門家に係わるスキルセットの開発	 Download

After change

<p>コンテンツ、サービスの品質基準等に関わる調査(AEN-WG4) [用途分類:品質] [年度:2004] [製作者:AEN事務局] eラーニングの品質保証に係る基礎的な概念の普及が急務となっているなか、eラーニングのコンテンツとサービスの市場発展に向け、eラーニングの品質評価項目・基準に関するコンセンサスを形成することを目的とした調査研究を実施した。スケジュール、実施体制など調査概要のほか、「国際WG4」及び「国内WG4」の活動内容、調査により得られた成果と次年度以降の課題などを収録。</p>	 Download 日本語	 Download 英語
<p>eラーニングの専門家に係わるスキルセットの開発 [用途分類:人材育成] [年度:2004] [製作者:AEN事務局] 大多数のAEN参加国では、IDerに続くプロフェッショナルとして、コンテンツや教育システム等の「開発系人材の育成」に大きなニーズがあると同時に、多様なコンテンツやシステム等の「運用系人材の育成」に対して潜在的ニーズがあることがわかってきた。こうした事情を踏まえ、「eラーニングの専門家全体を対象としたフルスキルセット(職責、タスク、スキルの体系)及びIDプロセス策定」、「eラーニングを効果的に運用する人材のスキルセット策定」という2つの目的を掲げて実施された調査の結果を収録。</p>	 Download 日本語	 Download 英語

Figure 5-6 Addition of subtitle to document title

5.3.4 Opening of content presentation site

Planning that various types of good content were to be observed with new idea of content presentation site (site that e-Learning can be actually experienced), was realized. (Japanese site/English site)

In order to architect this site, since LMS had to be actually operated, the function was supported with ASP.

Sample_Contents

Entry to Study

- (Note 1) Content explanation material
The knowledge that is difficult to understand only by content can be learned by referring to the content explanation material. Details of each content description and mechanism can be understood using together with content.
- (Note 2) Suspension of learning/reset to suspended point can not be done in this site. In the case of suspension, it should be started from the top.
- (Note 3) If number of learners exceeds limit, learning can not be started. In this case, an error message [Logon can not be done due to the number limit] is displayed.
- (Note 4) This is plug-in required for content implementation.
- (Note 5) Confirmation of browser operation environment
Please cancel pop-up prohibition.

NO	Content name	Content description	Content explanation material (Note 1)	Standard learning time	Required plug-in (Note 4)
1	SCORM 1.2 assessor training content	Knowledge required for acquiring SCORM assessor qualification can be learned.	None	10 hours	None
2	Preparation know-how of SCORM 2004 content (Boy baseball edition)	Knowledge required for content preparation compatible to SCORM 2004 standard can be learned using the cases. This explains as an example of boy baseball material.	Refer to the following: [Reference] button	1 hour	Flash3Player

Please ask to: info2@compac.co.jp

Figure 5-7 Introduction screen of explanation document (initial screen)

The initial screen is introducing content description to be supplied. The feature of this presentation site is that each content can be experienced as actual example by reading this explanation document.

The items are the materials regarding the SCORM 2004 content production, and the SCORM assessor training contents.



- ▶ Course
 -  Little League [Let' s play catch]
 -  SCORM ASSESSOR

Figure 5-8 Registered content list

Genuine content of “SCORM 1.2 assessor training” produced last year, and “Little league” content skillfully used SCORM 2004, are included in the registered contents, and users can use these contents by receiving ASP service at free of charge.