Retrofit Learning Management System Using SCORM

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Introduction

- Introduction
- 2 Method

- Introduction
- 2 Method
- Result

- Introduction
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- 4 Conclusion

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Background

Learning Management System(LMS)

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- Learning Management System(LMS)
- Sharable Content Object Reference Model(SCORM)

Background

- Learning Management System(LMS)
- Sharable Content Object Reference Model(SCORM)
- Sharable Content Object(SCO)

Package VS SCO

C Programming Language

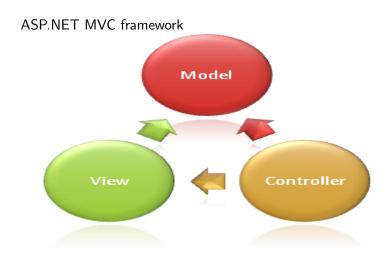
- Syntax
- Pointer
- Structure
- •

Objectives

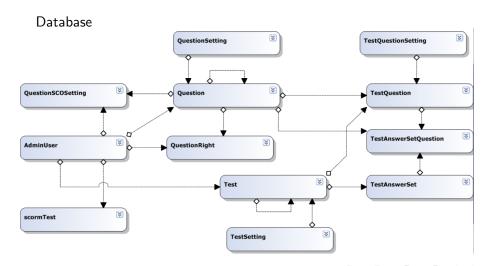
- Importing whole package
- Importing single SCOs
- Exporting whole package
- Launching single SCOs

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Framework

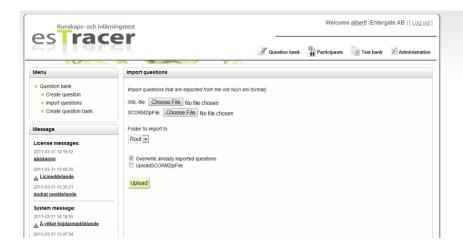


Database



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User interface of LMS for importing



Result of importing whole package

rary ▼ Share with ▼ Burn	New folder		
Name	Date modified	Туре	Size
	2011-05-02 09:57	File folder	
MBCE	2011-05-02 09:57	File folder	
Shared Files	2011-05-02 09:57	File folder	
🃗 unique	2011-05-02 09:57	File folder	
	2011-05-02 09:57	File folder	
adlcp_v1p3	2011-05-02 09:57	XML Schema File	5 KB
adlnav_v1p3	2011-05-02 09:57	XML Schema File	3 KB
■ adlseq_v1p3	2011-05-02 09:57	XML Schema File	5 KB
imscp_v1p1	2011-05-02 09:57	XML Schema File	18 KB
imsmanifest	2011-05-02 09:57	XML Document	21 KB
imsss_v1p0	2011-05-02 09:57	XML Schema File	3 KB
imsss_v1p0auxresource	2011-05-02 09:57	XML Schema File	1 KB
imsss_v1p0control	2011-05-02 09:57	XML Schema File	2 KB
imsss_v1p0delivery	2011-05-02 09:57	XML Schema File	1 KB
imsss_v1p0limit	2011-05-02 09:57	XML Schema File	3 KB
imsss_v1p0objective	2011-05-02 09:57	XML Schema File	4 KB
imsss_v1p0random	2011-05-02 09:57	XML Schema File	1 KB
imsss_v1p0rollup	2011-05-02 09:57	XML Schema File	3 KB
imsss_v1p0seqrule	2011-05-02 09:57	XML Schema File	5 KB
imsss_v1p0util	2011-05-02 09:57	XML Schema File	4 KB

Result of importing single SCOs

ry ▼ Share with ▼ Burn New folder			
ame	Date modified	Туре	Size
0eca20fb-99d2-4b75-b70a-b942cd63efd8	2011-04-18 09:04	File folder	
3bcea125-1e01-47dc-a58d-c39428b4d7cf	2011-04-18 09:04	File folder	
4b556af8-6a40-4b41-9f73-0bde82b498aa	2011-04-18 09:04	File folder	
7a5ed99f-949e-42c3-ba36-c71482a44ee4	2011-04-18 09:04	File folder	
7b3a59e1-ca93-4b79-8dab-7a7ed5a2922c	2011-04-18 09:04	File folder	
8a61e74c-e64a-4f34-8bc6-e6574b4e8e86	2011-04-18 09:04	File folder	
9cab3bc2-373d-46fb-a3ec-1d773904d589	2011-04-18 09:04	File folder	
20f5b2c1-f0a7-4afd-b937-d672cd9418df	2011-04-18 09:04	File folder	
87f66e4a-80e6-474a-9c97-7d34e246dee7	2011-04-18 09:04	File folder	
91e2eab3-35d4-47b1-b226-f9a2c1e99183	2011-04-18 09:04	File folder	
231f23aa-73aa-465a-8726-f599effc10e7	2011-04-18 09:04	File folder	
781a55c2-53e9-4776-ac63-ff619db6b8a0	2011-04-18 09:04	File folder	
895a58e8-f270-423a-b2ae-6252358adbcd	2011-04-18 09:04	File folder	
703737d6-4545-4042-88fd-9d124247eff7	2011-04-18 09:04	File folder	
4431030d-6622-4ec7-a3f5-eb1e427a595e	2011-04-18 09:04	File folder	
5955202d-f800-4e95-a369-23686013a2de	2011-04-18 09:04	File folder	
09075120-0a51-466b-80e5-c87c591423c2	2011-04-18 09:04	File folder	
44001118-7bac-4533-81d2-586d9de7ba37	2011-04-18 09:04	File folder	
ae6effd4-438b-45ee-9bd8-b18510df505d	2011-04-18 09:04	File folder	
b7659ba6-bea5-46fe-919f-a6fd5cbd1ab1	2011-04-18 09:04	File folder	
d926f603-072c-434b-8d44-94a91b86705b	2011-04-18 09:04	File folder	
db887c95-b974-4f7b-a4e9-7e26bf9279c0	2011-04-18 09:04	File folder	

Result of previewing single SCOs



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MVC architect

- MVC architect
- Modularity Programming

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- ATEX

- MVC architect
- Modularity Programming
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To be continue

Communication between SCO and LMS

To be continue

- Communication between SCO and LMS
- Sequencing between SCOs

To be continue

- Communication between SCO and LMS
- Sequencing between SCOs