



***WebCTs' Content
Migration Utility***

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Objectives

- ◆ **WebCT Overview**
- ◆ **WebCT Content Migration Utility**
- ◆ **WebCT implementation of IMS**
- ◆ **Future of WebCT Content Migration Utility**



WebCT's Product Strategy

- ◆ **Deliver pedagogically advanced technology that advances learning**
- ◆ **Integrate with campus infrastructure**
- ◆ **Leverage industry partnerships**
- ◆ **Create an open inter-operable system**
- ◆ **Embrace standards**



WebCT Moving On With IMS



- ◆ **IMS Enterprise API**
- ◆ **IMS Content Migration Utility**



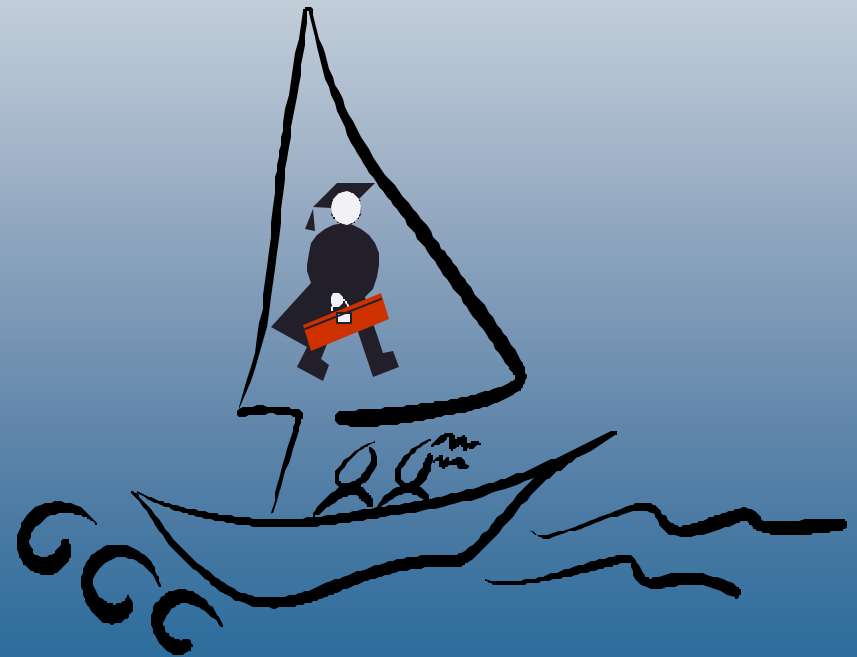
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- ◆ **WebCT Content Migration Utility**



Benefits of WebCT Content Migration Utility

- Course designers can author course content outside of WebCT
- Administrators may easily migrate courses to newer versions of WebCT
- Institutions will protect their capital and intellectual investments using a standardized format
- Learning resources developed in WebCT can be shared with any compliant system





IMS Content Migration Utility

- ◆ Released July 30, 2001
- ◆ Archiving data in a non-proprietary format
- ◆ Encourages re-usability and portability
- ◆ Imports and exports complete courses --and “epacks”, using IMS



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Content Format

◆ Content Packaging 1.1

- ◆ Packaging content using an IMS manifest that organizes and describes the course contents

◆ Question & Test Interoperability 1.1

- ◆ Describing and tagging assessment information for self-tests and quizzes

◆ Learning Resource Meta-Data 1.1

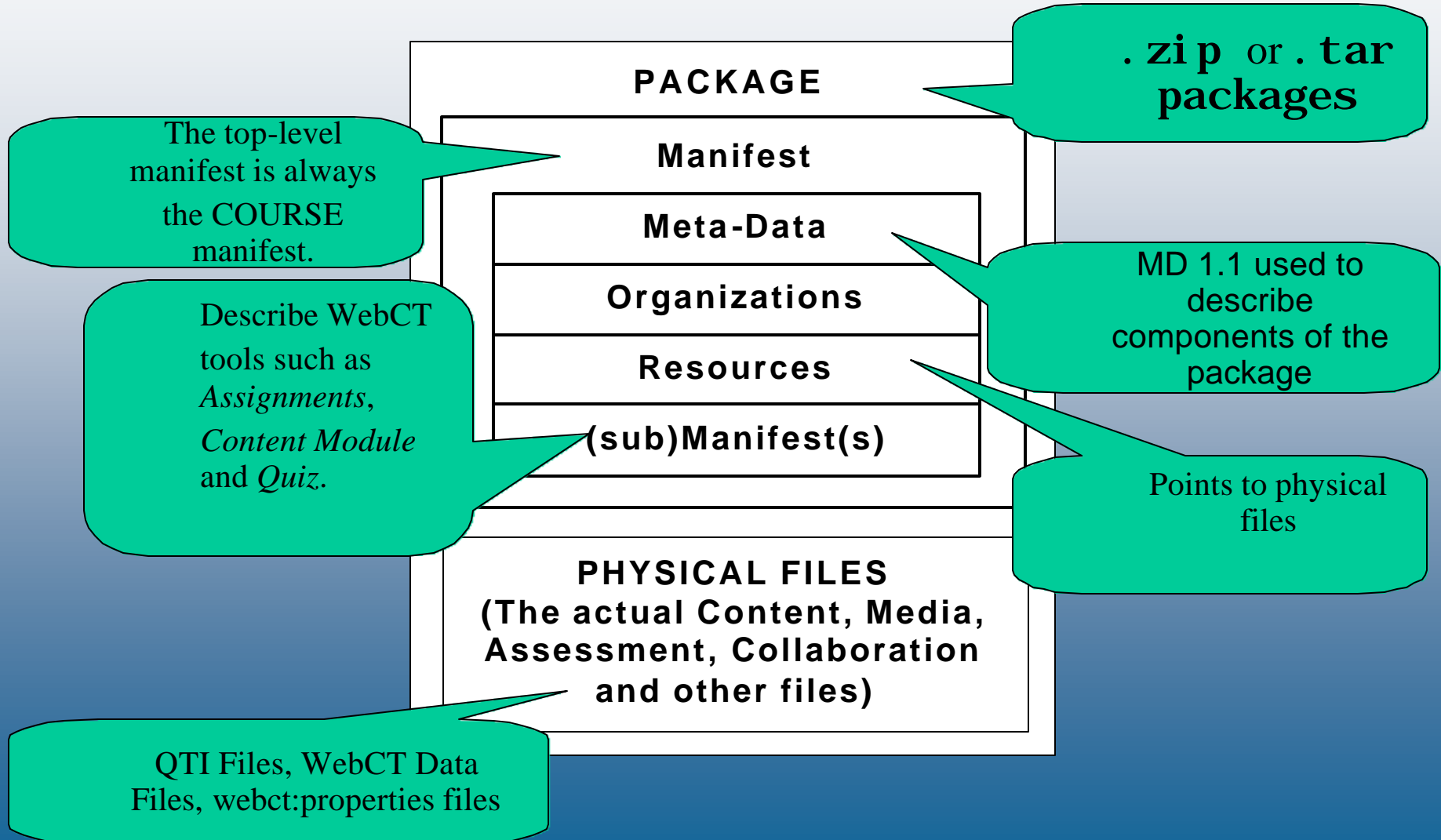
- ◆ Data that describes the course package and the learning content –type of resources, files

◆ WebCT Defined XML

- ◆ Used to define proprietary learning tools, format and style information



WebCT Course Packages





Why We Used Non-Standard Content

- ◆ Extensions that provide formatting and additional feature support
- ◆ Vocabulary that describes WebCT pedagogical tools
- ◆ WebCT XML is used to package resources where specifications are not yet available
 - ◆ Glossary
 - ◆ Syllabus

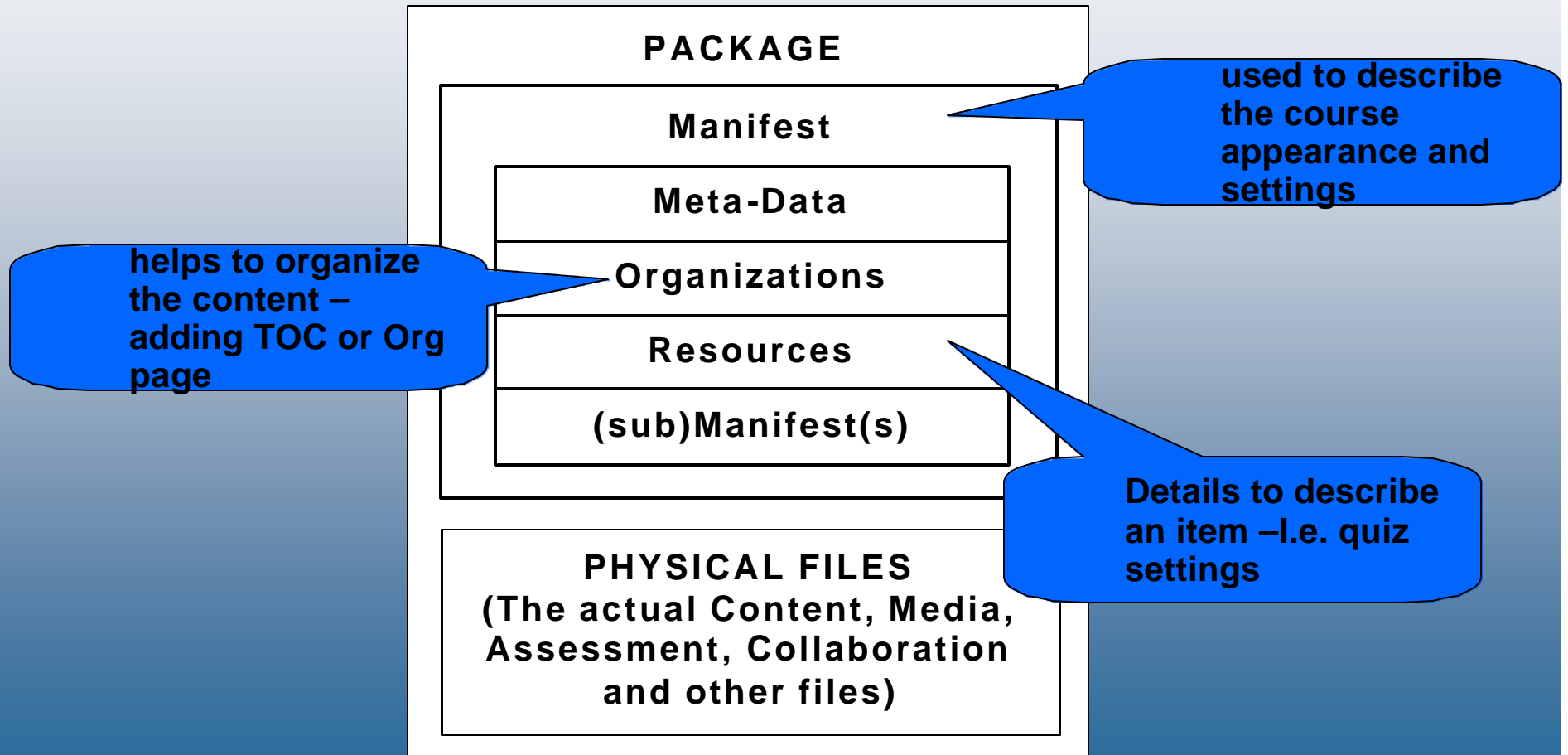




WebCT Content Packaging 1.1 Extensions

- ◆ `<webct:properties>`
 - ◆ To allow the customization of the appearance of various components of a course.
 - ◆ Points to optional properties files
 - ◆ Extension to `<manifest>`, `<organization>` and `<item>`

<webct:properties>





QTI 1.1 Extensions

- ◆ Extensions to the **<presentation>** element
 - ◆ Presentation of a calculated question's content and possible responses,
- ◆ WebCT extensions to the **<resprocessing>** element.
 - ◆ Instructions for processing and evaluating a user response for a calculated
 - ◆ To use a regular expression as the correct answer for a short answer question, use the



<learningresourcetype> Vocabularies

◆ LOM v1.2 Metadata Vocabulary

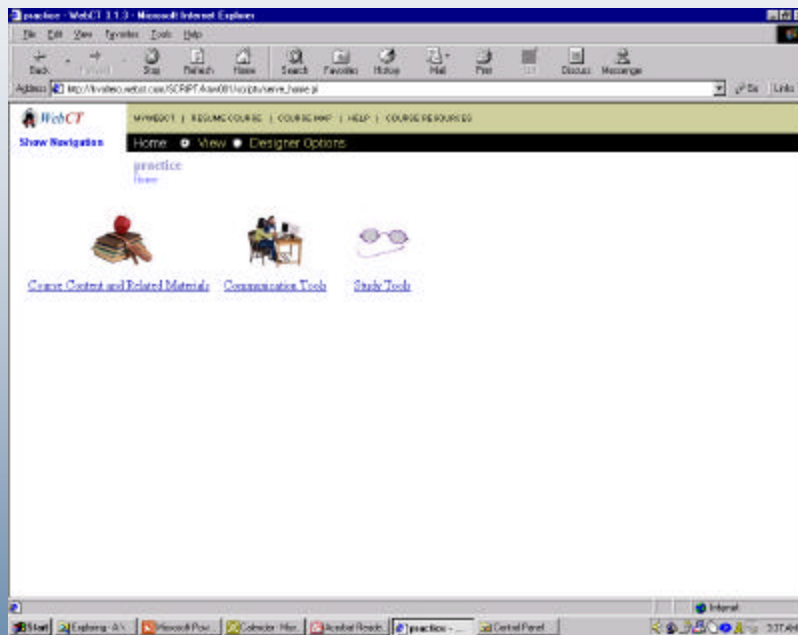
- ◆ Exercise, Simulation, Questionnaire, Diagram, Figure, Graph, Index, SlideTable, Narrative Text, Exam, Experiment, ProblemStatement, SelfAssessment

◆ WebCT Vocabulary

- ◆ Assignments, Calendar, Cdrom, Chat, Compile, Content Module, Course, Discussions, Glossary, Hub Content Link, Image Database, Index, Individual Quizzes, Mail, My Grades, My Progress, Organizer Page, Student Presentation, Quiz, Self Test, Single Page, Student Homepages, Syllabus, Student, Tips, URL, Whiteboard






















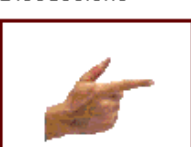









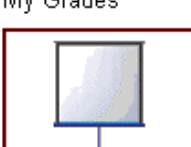





Benefits of Extensions



- ❖ **Content Can be linked to Organization Pages**
- ❖ **“Action Menus” can be added to content modules --adding glossary content and other WebCT tools**
- ❖ **Unique WebCT features can now be archived, stored, moved and re-used**

Standards are not available for All our robust tools.....

						
Annotations	Assignments	Audio	Bookmarks	Calendar	References	Resume Course
						
CD-ROM	Chat	Compile	Content Module	Course Map	Student Tips	Syllabus
						
Discussions	Glossary	Goals	Homepages	Image Database	Search	Self Test
						
Index	Language	Mail	My Grades	My Progress	URL	Video
						
Navigation	Organizer Page	Password	Presentations	Quiz	Single Page	Whiteboard



WebCT XML Data Files

- ◆ Describing the the unique WebCT tools
 - ◆ Glossary
 - ◆ Syllabus
 - ◆ URL
 - ◆ Resource Bank
- ◆ More to come with the next release!



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Watch for Improvements

- ◆ Ongoing support for IMS specifications
- ◆ Support for additional WebCT tools
- ◆ Importing and exporting interface for Course designers
- ◆ Importing of selected WebCT Tools
- ◆ Importing of learning objects
- ◆ Importing SCORM content



Product Information

- ◆ **Audience:** Used by publishers, partners and customers
- ◆ **Platform:** WebCT 3.1.3, 3.5 and 3.6
- ◆ **WebCT Client Side Admin Tool**
- ◆ **Other:** DTDs are public and available at www.webct.com/IMS

Questions?



WebCT

Suggestions?



Thanks!