

Jan 27th, 2011
ESA

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Introduction to LON-CAPA

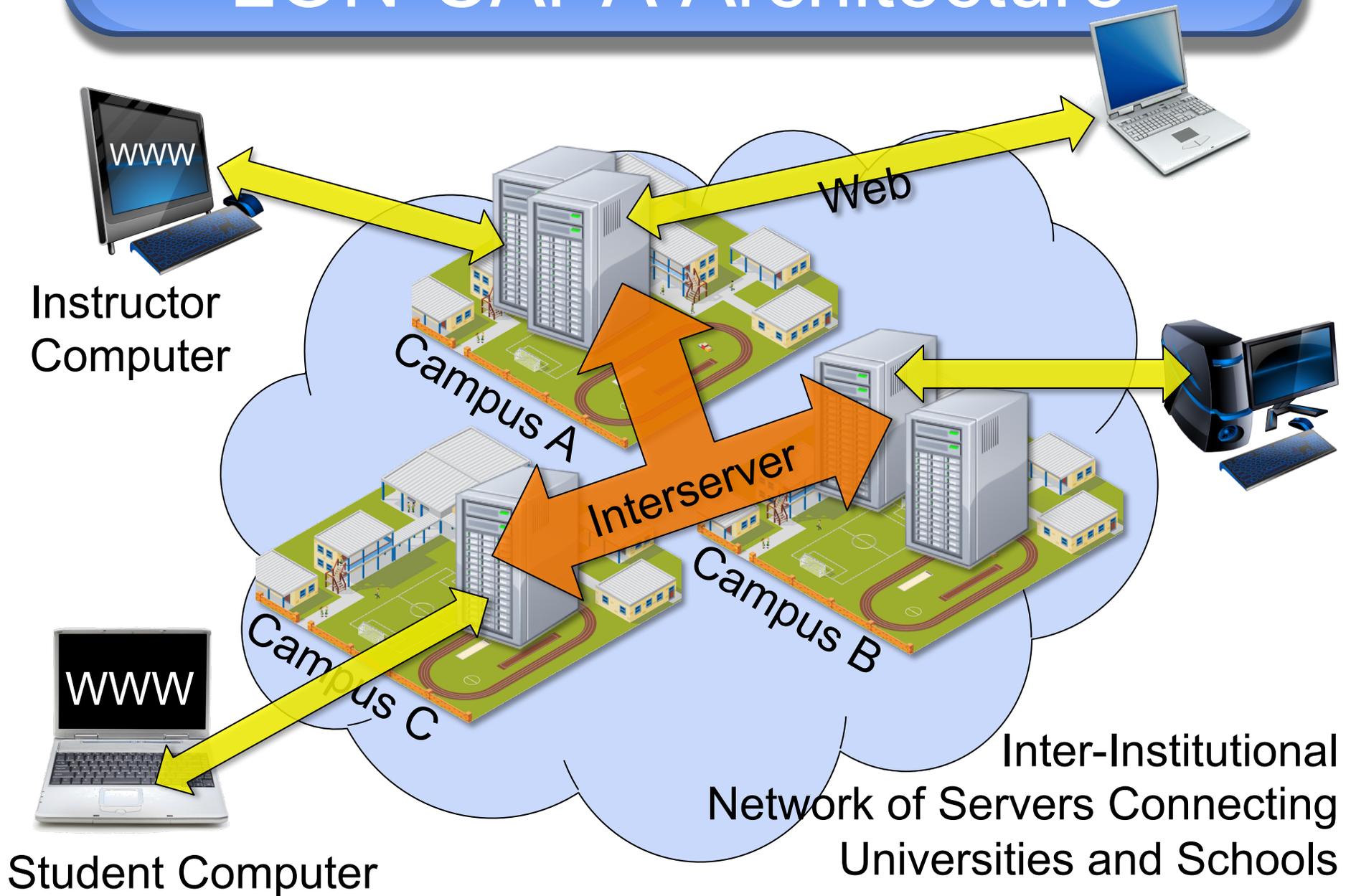


Overview

LON-CAPA is a system for

- Course Management, for example:
 - posting materials
 - discussions
 - announcements
 - grade book
- Learning Content Management, for example:
 - storing online content for re-usage
 - managing access rights
- Assessment, for example:
 - Homework
 - Tests

LON-CAPA Architecture



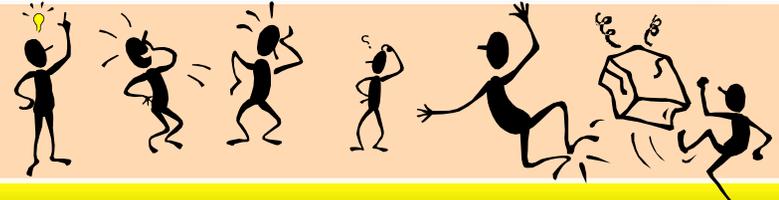
LON-CAPA Architecture



Course Management

Campus A

Resource Assembly



Course Management

Campus B

Resource Assembly

Shared Cross-Institutional Resource Library

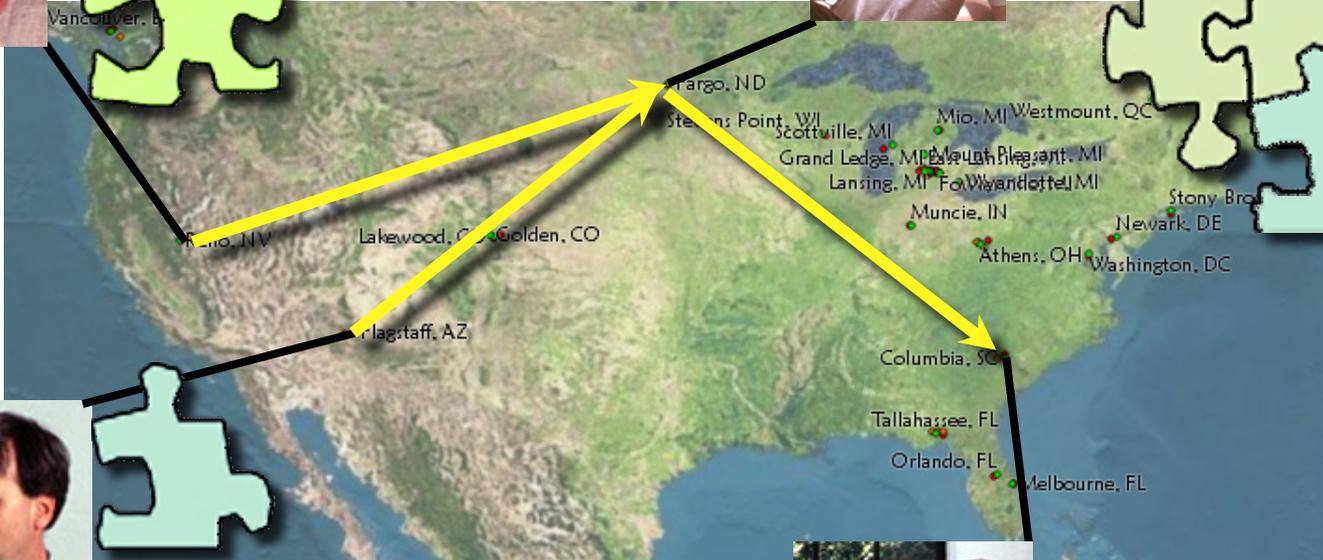
Resource Assembly



Writes module about energy conservation



Compiles module about conservation laws



Writes module about momentum conservation



Uses whole assembly in his course

Resource Assembly

Gerd Kortemeyer (Course Coordinator) **LB274, Spring 2011 - Intro Calc-Based Physics II** (More ...) Messages Roles Help Logout

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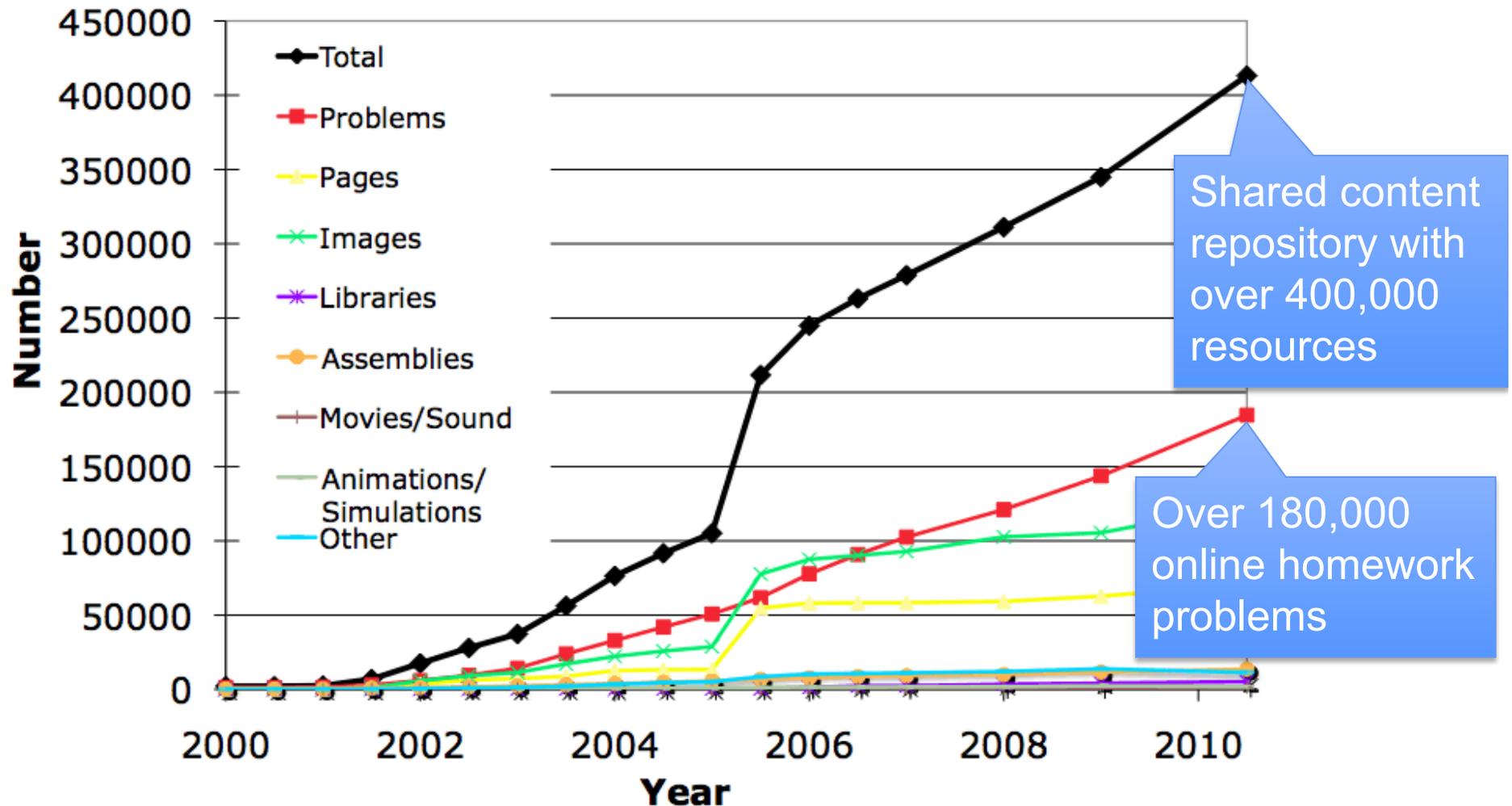
LB274, Spring 2011 - Intro Calc-Based Physics II » **Course Contents**

Tools:  Sort by:

- Syllabus
- Calendar Overview
- ▶ Electrostatics
- ▼ Electric Field
 - Electric Field
 - ▶ Electric Field Materials
 - ▶ Electric Field Homework
- ▼ Capacitors
 - Capacitors
 - ▼ Capacitors Materials
 - Circuits
 - Capacitance
 - Example: Capacitance
 - Factors Affecting Capacitance
 - Parallel Plate Capacitor
 - ? Plate Capacitor ✗ Answer available
 - Example: Farad
 - Example: Cloud
 - Capacitance of a Sphere
 - Example: Sphere
 - Two Spheres
 - Combination of Capacitors

The LON-CAPA Community

LON-CAPA Shared Resource Pool, Summer 2010



The LON-CAPA Community

High Schools, Colleges, and Universities



... plus grant projects and publishing companies.

Thank you!

Gerd Kortemeyer

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<http://www.lon-capa.org/>