



CampusSource

Open Source Infrastructure Software for Educational Institutions

Sonja Branskat

A graphic featuring a globe with various logos and text. The logos include "WebAssign", "uni^{on}line", "ILIAS", "OpenUSS university support system", and "VU". The text "CampusSource- software connects" is written across the bottom of the globe. To the right, the text "OPEN SOURCE-SOFTWARE : CampusSource" is displayed, with "CampusSource" in a large green font. Below this, it says "for your educational offer: infrastructure software to support the use of new media".

WebAssign

uni^{on}line

ILIAS

OpenUSS
university support system

VU

CampusSource-
software connects

OPEN SOURCE-SOFTWARE
: CampusSource

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media



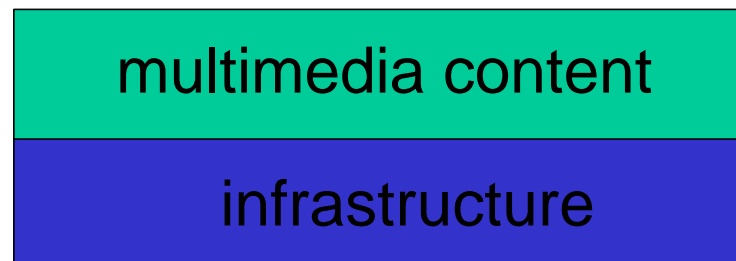
Overview

- New demands on teaching and learning
- Features of infrastructure software
- Obtaining infrastructure software
- Situation in NRW
- Goal of the initiative - open source approach
- CampusSource software and project
- Summary

New demands on teaching and learning

- Training and learning material on request
- Independent of time and place
- Supervising over the internet
- Learning in groups

Meeting the demands: building virtual universities



Features of Software for Infrastructure

- providing general information
- administration of content and user data
- content delivery
- tools for creating multimedia content
- means of communication and interaction
- modular extensions
- integration into computer network and software



Administration of Content and User Data

- storage management for content
- administration of user groups
 - students
 - teaching staff
 - system administrators

Features of Software for Infrastructure

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Obtaining Software

- proprietary software
- own implementation
- open source software



Open Source: Software Gets Honest
<http://www.opensource.org/>

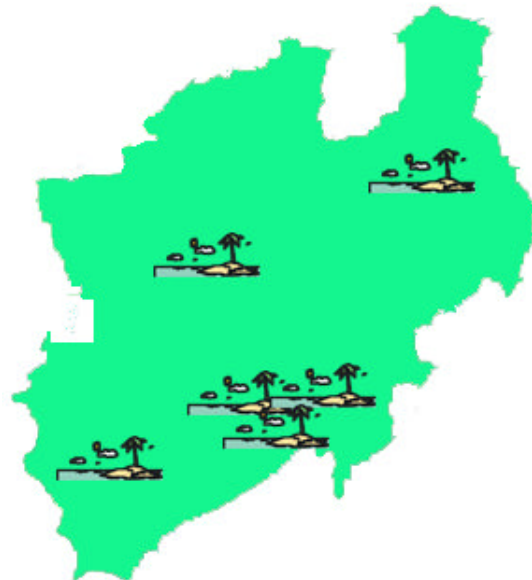
Situation in 1999

Common **need** for a platforms

Proprietary software

No funds for developments from scratch

No open source software



However:
Several local successful
research projects exist

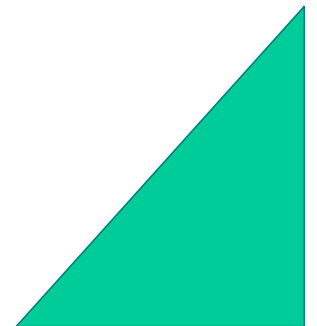


Mission Statement

The goal of the initiative CampusSource:

- to start a cooperative process for developing software and software technology,
- to support the development of using new media with regard to education and further education.

Our Solution: Open source software





CampusSource - Quality Software

Documentation:

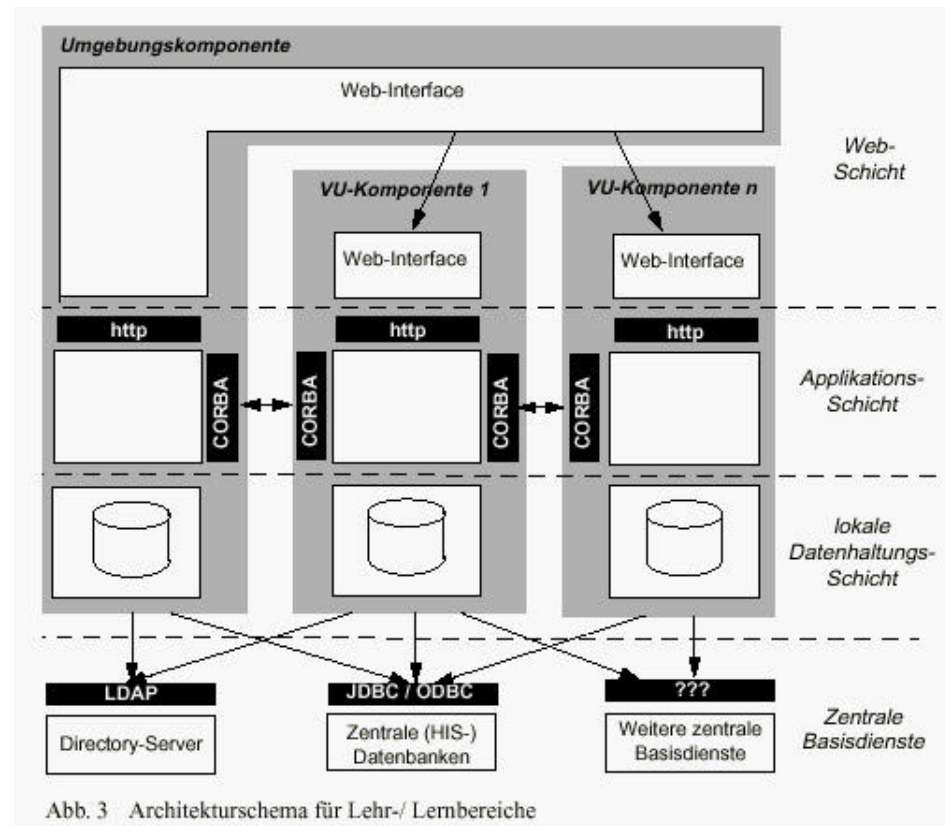
- User documentation
- Installation guide
- Technical documentation
- Source code documentation

Quality management by feedback

- Evaluation by user

	ILIAS	OpenUSS university support system	uni ^{on} line	VU	WebAssign [®]	
general Information	x	x	x	x	-	-
administration mangement	x	x	x	x	x	x
content creation	x	x	Munster	x	x	
delivery distribution	x	x	Essen	x	x	Paderborn
communication interaction	x	x	Hagen	x	x	
service integration	Düsseldorf Köln			VU WebAssign WebAssign	VU	-
interface environment	Radius ILIAS	-	offline LDAP	online LDAP	online LDAP HIS	-

CampusSource Project: reference architecture





Summary

- Need for infrastructure software
- Open source enables cooperative processes
- CampusSource is open source plus quality

Join us !



CampusSource

Extension Event: Tuesday, 14:30 - 16:00

A graphic featuring a globe with a vertical line through it, split into purple and green halves. Various logos and text are overlaid on the globe.

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