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The world is my schoolbag

The world is my schoolbag

- / Originated at University of Paderborn
- / Computers and Society
- / Focusing every day work, not technology
- / "Lernstatt Paderborn"
 - § Cooperation of: University of Paderborn, Stadt Paderborn, GKD Paderborn, RP-Detmold, Sun Education and StarOffice

Everyday Life with IT at Schools

- ✓ There are exceptions, but almost:
 - § Hardware from the junk yard
 - § Voluntary administration
 - § Teachers without proper IT knowledge
 - § Fine political work of some commercial companies
- ✓ What is media education?
 - § Reading e-mail, using MSO or cutting videos

How efficient is this?

- ✓ Product orientated education and engagement instead of core IT concepts
- ✓ Training content is ranging from school to school quite high
- ✓ Wide difference between targeted and actual state
- ✓ Is it possible to establish nation wide educational concepts with this infrastructure?

Directives of StarOffice 4 Kids

- ✓ Software as Tool
 - § Assists instead of being the subject matter
 - § Available at every workplace
- ✓ Service providing vs. Product
 - § Guarantees vs. Luck
- ✓ The World is my Schoolbag
 - § IT embeds in the physical world
 - § Technology solves technological problems

Idea

- ✓ Network centric workplace for teachers and students
- ✓ One place for Applications and Documents
- ✓ A Platform for open lecture material and educational software
- ✓ Open High-Level interface
 - š school book publishers, teachers initiatives, Linux service provider, etc.

Technology

- ✓ Take a Content Management System and OpenOffice.org API
- ✓ remove the OpenOffice.org UI
- ✓ and replace it by a UI, described in XML (e.g. Xul).
- ✓ Now Applications and Documents are blend together!
- ✓ Applications are easy to implement or to adapt.

Outline

Browser

Portal Service

StarOffice 4 Kids Server

CMS API

XML UI

CMS storing Documents and XML Apps

OpenOffice.org
or
Sun ONE
Webtop

Existing Systems
or
external
Providers

Benefits

- ✓ Teachers have to distribute tests. Now let them distribute applications as well.
- ✓ A text processor for biology lessons?
- ✓ A students desktop write protected?
 - § Copy it and apply your skin!
- ✓ Suspend work at school and continue it at home.

Prejudices

- ✓ Usual counter-arguments:
 - § What if the network breaks down?
 - § Open system means “do everything”!
 - § I don't need “Child”-Applications, in future they need Word knowledge!
 - § What about my Educational CD-ROMs?
 - § Hey guys, this tis a glimpse to the future!
- ✓ Results of a PC or product centric socialization

Why Open Source?

- ✓ Public used software has to be OSS:
 - § Public knowledge, partial product sponsoring, license costs, security, etc.
- ✓ ASP software has to be OSS:
 - § Changeover between local ASPs
- ✓ Open Source Service Providers
 - § Can open up a vertical market:
 - § Special didactics, a dentists solution, etc.

How to earn money?

- ✓ Alone position features:
 - § Knowledge in a business segment opens a market
 - § Cooperation of large ASPs with local SPs
 - § Large ASPs replace OSS CMS by high scaling CMS solution
- ✓ For Sun Microsystems, Inc.
 - § Large ASPs, many Sessions, many CPUs
 - § Show Vision: Webtop, Network Centric

Problems

- / Filed of education has low budgets
- / Needs open learning material
 - š The industrial field of school book publishers
- / Do ASPs publish patches?
 - š One installation with 10000 users, is difficult to focus with copyleft idea.

Status of StarOffice 4 Kids

- / Prototype in cooperation with Uni Paderborn
 - š A tinkered piece of code to advert for the project
 - š Mozilla Xul, RDF, Servlets and MySQL
 - š Find Partners
 - š Start the Project
- / Pilot project "Lernstatt Paderborn"

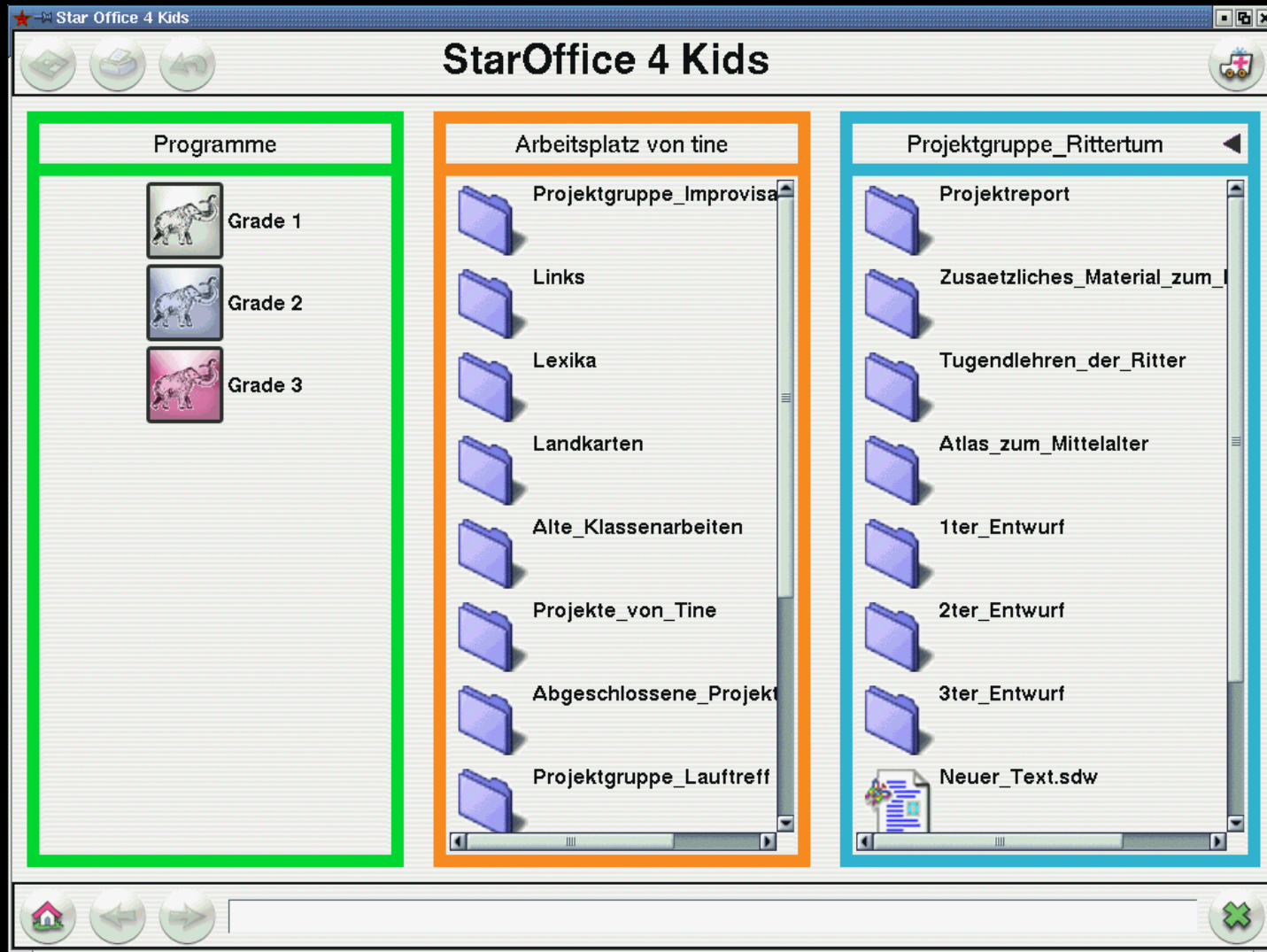
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/cvs

Team

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StarOffice 4 Kids Desktop



Text Processor Grade 1



Text Processor Grade 3



The screenshot shows the StarOffice 4 Kids text processor interface. The window title is "StarOffice 4 Kids". The interface includes a menu bar with icons for file operations, a toolbar with text formatting options (bold, italic, underline, bulleted list, numbered list), and a ruler. The main editing area contains a photograph of a knight on a horse and a text document. The text document contains the following paragraphs:

gefährlich zugin.
stumpfer Waffen v
Todesfälle.

Minnesang und M
fahrende Berufssä
Burg und brachten
und sangen Liede
ritterliche Lebens.
aber die Frauen, c
galten, verherrlich
die öffentliche Ver
Frau ("frouwe") h
häufig verheiratet
Herrin dient der V
Ritters

Der Ritter verhält
der Herrin hohen
geht es nicht daru
oder gar zu "besit
darum die leidens
ein Idealbild der F

A "Funktions-Palette" (Function Palette) is open on the right side of the window, showing sections for "Zeichen" (Characters), "Absatz" (Paragraph), "Sonderzeichen" (Special Characters), "Einfuegen" (Insert), and "Verschiedens" (Miscellaneous). The "Zeichen" section includes icons for bold, italic, and underline. The "Absatz" section includes icons for bulleted and numbered lists. The "Sonderzeichen" section includes icons for a link, a table, a drawing, and a spell checker. The "Einfuegen" and "Verschiedens" sections are currently collapsed.