



African Virtual Open Initiatives and Resources Project (AVOIR)

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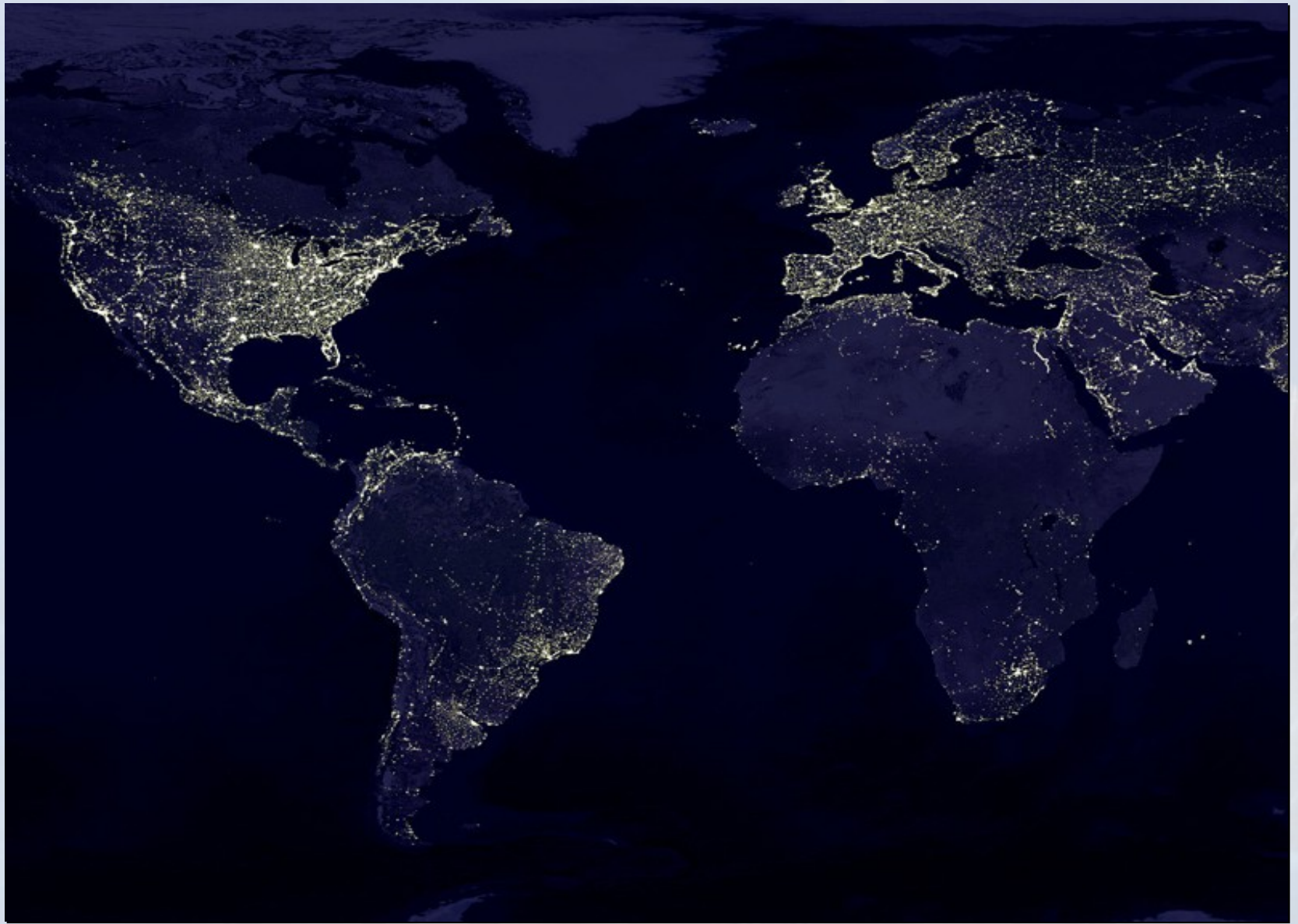
Knowledge
Environment
for
Web-based
Learning

Login to 

Username:

Password:





HIGHER EDUCATION IN AFRICA

- Low per capita participation rates
- Fewer HE places than people seeking them
- Under-resourced in comparison to HE in the developed world
- Crisis of confidence in some countries
- Public access to ICT weak
- Low overall research output
- Threat from globalization
- Electricity and other infrastructure problems



Thabo Mbeki said,

"There is a risk that the continent's poverty could be compounded by a lack of access to the online revolution."



AVOIR PROJECT

- DEVELOPING CAPACITY IN AFRICA
- BUILDING A LEARNING MANAGEMENT SYSTEM (KEWL)
- BASED ON SOUND EDUCATIONAL PRACTICES
- BEST PRACTICES FROM COMMERCIAL SOFTWARE ENGINEERING WILL BE MADE AVAILABLE
- THE SOFTWARE DEVELOPMENT ASPECT OF AVOIR WILL NOT BE TECHNOLOGY-DRIVEN, IT WILL RATHER OPERATE AT THE INTERSECTION OF COMPUTER SCIENCE AND EDUCATIONAL THEORY
- NOT A SOFTWARE PROJECT BUT ONE OF HUMAN DEVELOPMENT



AVOIR and its partners throughout Africa



Universite Cheikh Anta Diop

University of Jos

University of Ghana Legon

Makerere University

Uganda Martyrs University

University of the Western Cape

National University of Rwanda

Jomo Kenyatta University of Agric & Tech

University of Nairobi

University of Dar es Salaam

Catholic University of Mozambique

University of Eduardo Modlane

Key

- initial group
- volunteers
- round 2
- NetTom
- NetTel@Africa



Sponsors of AVOIR

- Carnegie Corporation of New York
- Department of Science and Technology (South Africa)
- International Development Research Centre
- UNESCO
- UNESCO-IOC
- United States Agency for international Development - Leland Initiative
- University of the Western Cape



What is a Knowledge Environment for Web-based learning?

- a complete online course development, management and delivery system
- has constructivist principles built into the tools wherever possible
- all tools needed to run and manage an online course are available and created automatically when you create a new course
- hence it is a full "online environment" for learning via the Worldwide Web
- very easy to use
- a really KEWL place to learn!




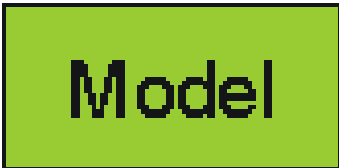


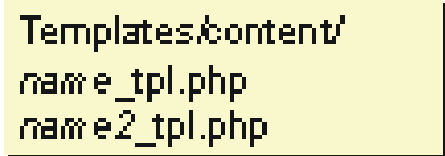



Philosophy of KEWL



- To become a cutting edge learning management system (LMS) that is targeted at the needs of Africa, that follows Open Source principles, and that is responsive to its user community
- To provide a training ground for students in computer science, information systems and related disciplines to enable them to develop their research skills while making a contribution to the needs of our society
- To promote virtual collaborative programmes to enable African higher education to respond to the challenges of globalization

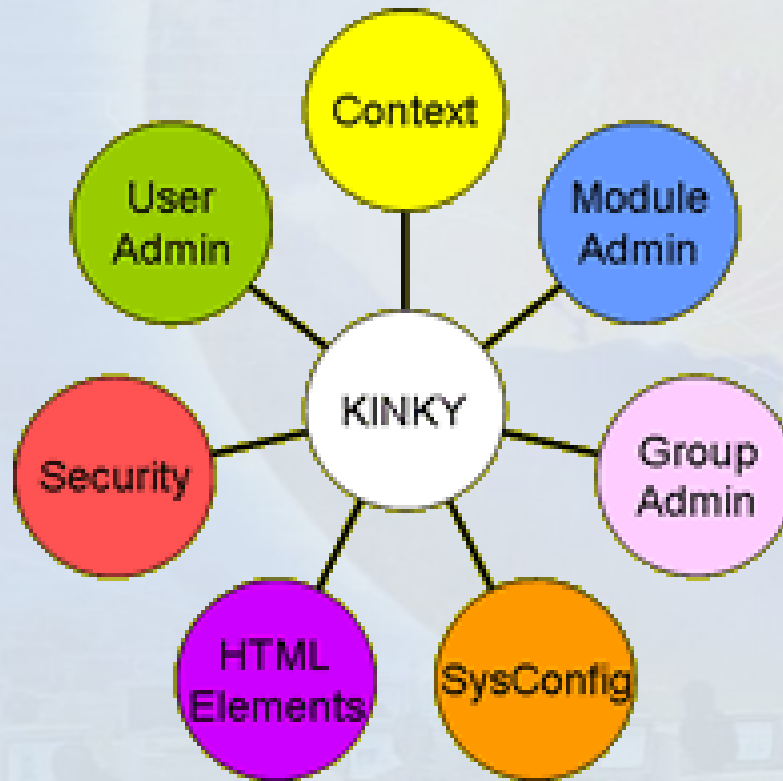


KINKY MVC Framework

Framework base class	Framework Component	Module files
 dbTable	 Model	 classes/ dbTblmm_class_inc.php
	 View	 Templates/content/ name_tpl.php name2_tpl.php
 controller	 Controller	 controller.php
Folder: /classes/core		Folder: /modules/moduleName



MODULAR APPROACH



OTHER ADAPTIONS

- Thus far, KEWL.NextGen and the KINKY framework have been adapted for other projects:
- UWC Alumni Portal - an alumni portal
- UWC PostGrad Portal - a supervision suite for postgraduate students
- Brawam Siswam - a reporting tool




Accessing KEWL?

http://kewl.uwc.ac.za

KEWL
Knowledge Environment for Web-based Learning

University of the Western Cape

Login to 

Username:

Password:

Forgot your password on the KEWL system?
Enter your email address in the box below and click the button

Want to become an open source developer for KEWL?
[Register here](#)

KEWL is still a work in progress! We are making it more Netscape friendly. Please report Netscape-related problems in the suggestion box.
[cookiecutter](#)

Don't have an account yet? No problem, you can [register yourself](#) as a user.

Self-registration

Login

Passwd reminder





- Choose a course
- Choose a course
 - Advanced Public Law
 - Biology of coralline algae
 - Coastal Community Development
 - Conservation Evaluation
 - Exploring Internet
 - killme2
 - Making KEWL Courses
 - Marine Botany
 - Phylogenetic Survey of Photosynthetic Organisms
 - Resource and Environmental Economics

Go Have you checked the [Learners Lounge](#) and [Educators Lounge](#)?

KEWL is a new online learning environment. Apologies, but we are reconstructing the tutorial on *Introducing KEWL*. You can also learn how to build online courses on KEWL by selecting the course *Making KEWL Courses*.

Learning News

has put through its paces course, and many bugs fixed, the version of KEWL changed from 0.4Beta to now working on the tion system, which will be 0.5 Beta. Once that is finished, we will be checking the security model against all scripts. We are aware of some security issues, but we want to finish the marks administration and related systems first.

[Read the KEWL press release](#)

It is important that you please report any bugs ASAP so that they can be fixed.

Make your suggestion:

Please note that the suggestion box is for suggestions about KEWL, not about your course or general queries.

[Send](#) [View](#)

Warning! KEWL is still experimental software. You use it at your own risk. We are still working on some tools, and service may be unavailable briefly during construction.

Important! Please do not set your font size to larger than medium. On Internet Explorer, choose **View** then **Text size** and select medium. It is impossible to cater for all text sizes in a web browser, although we are looking at providing this as a personal preferences item.

What 's in KEWL?

Learners

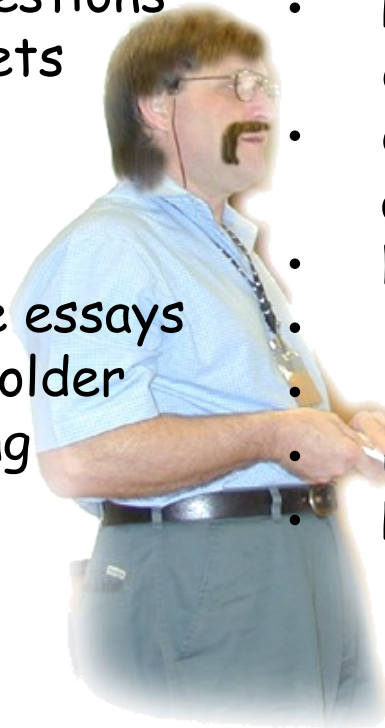
- Communications tools
 - Synchronous
 - Asynchronous
 - Personal messaging
 - Content navigation tools
 - Outcomes
 - Study questions (pop up)
 - Page annotations (notes)
 - Worksheets
 - inBasket for assignment uploading
 - Closeable essay folder
 - Learners' lounge & writing centre
 - Personal calendar
- View marks
 - Frequently-asked questions
 - Access to documents folder for supplementary documents
 - Book an essay
 - Leave bookmark
 - Personal homepage



What's in KEWL?

Educators

- Course creation
- Communications tools
- Content creation & automatic navigation building
- Create & modify outcomes
- Create & modify study questions
- Create & modify worksheets
- Mark worksheets
- View class list
- View inBasket for class
- Create & modify closeable essays
- Mark essays from essay folder
- Educators' lounge & writing centre
- Modify class calendar
- Personal calendar
- Manage marks
- Learner tracking and alert
- Pull class list from central database (UWC)
- Create & modify frequently-asked questions
- Notice board
- Broadcast email to class
- Forum statistics
- Evaluation form + analysis
- Personal homepage



The KEWL discussion forum



Knowledge Environment for Web-based Learning



University
of the
Western Cape

KEWL: Discussion Forum for sustliv

- ☐ [quality issues in SL](#) by Rosemary Lall ([rlall](#)) on Wednesday, 4th July 2001 (1 reply)

[Re: quality issues in SL](#) by Derek Keats ([dkeats](#)) on Wednesday, 4th July 2001

- ☐ [Assignment](#) by Rosemary Lall ([rlall](#)) on Wednesday, 4th July 2001 (1 reply)

[Re: Assignment](#) by Derek Keats ([dkeats](#)) on Wednesday, 4th July 2001

- ☐ [Discussion assignment 1: SL as a goal vs SL as an approach or process](#)

[Re: Discussion assignment 1: SL as a goal vs SL as an approach](#)
Wednesday, 4th July 2001 (No replies)

[Re: Discussion assignment 1: SL as a goal vs SL as an approach](#)
(No replies)

- ☐ [comments on the module](#) by achmad gusman catur siswandi ([agcsiswandi](#))

☐ [Re: comments on the module](#) by Derek Keats ([dkeats](#)) on Tuesday, 3rd July 2001

☐ [Re: comments on the module](#) by achmad gusman catur siswandi

[Re: comments on the module](#) by Derek Keats ([dkeats](#)) on Tuesday, 3rd July 2001

[Such a diverse group](#) by Derek Keats ([dkeats](#)) on Tuesday, 3rd July 2001

[Nataly](#) by Nataly Dryomova ([Nataly1971](#)) on Tuesday, 3rd July 2001 (No replies)

[Me llamo Pascal....](#) by Pascal Gellrich ([pgellrich](#)) on Tuesday, 3rd July 2001

- ☐ [Welcome to sustliv - Please keep introductions under this thread](#) by Derek Keats

Post a new message

Search Forum

Discussion Forum

Posted by: [rlall \('Rosemary Lall'\)](#)
Posted on: Wednesday, 4th July 2001

Message:

There is value in distinguishing between SL as an approach and a goal.

The SL goal is to create new ways of living that enable people to meet their varied and interwoven needs without compromising the eco system. SL as an approach sees Open message: 'Re: Discussion assignment 1: SL as a goal vs SL as an approach or process' the theory, principles and methods which vs SL as an approach or process' goal.

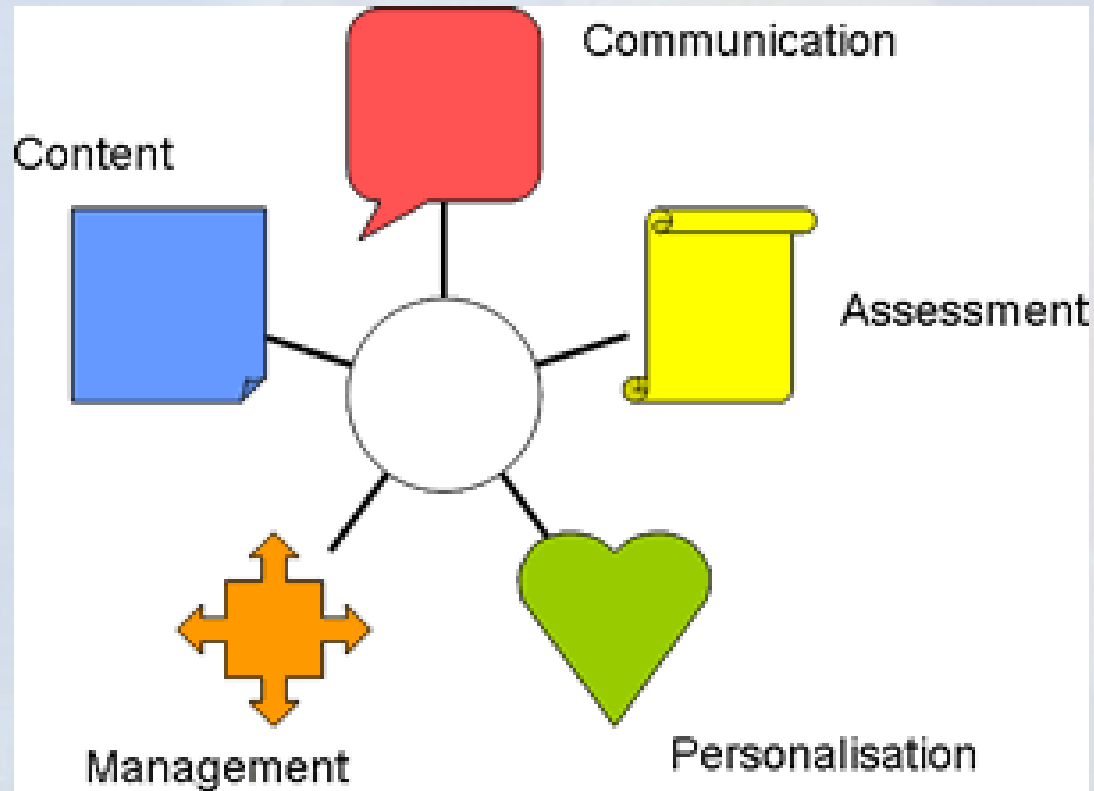
In the SL approach the goal is understood from the start of the programme or policy and the theory, principles and methods systematically used in an integrated manner to arrive at this goal. The goal of SL can be arrived at incidentally and most times partially by other approaches eg community development programs, integrated rural development and employment and income generating schemes but for the SL goal to be truly attainable and lasting requires that the SL approach be used.

[Go back to Discussion Forum](#)

[Discussion Forum archive](#) | [Show all](#) (oldest first) | [Show all](#) (newest first) | [Show all](#) (by username)



E-LEARNING WEBSITE



The modules cater for:

- Content
- Communication
- Assessment
- Personalisation
- Management

Content	Communication	Assessment	Personalisation	Management
Online Authoring	Discussion Forum	Worksheets	Personal Space	Module Management
Hierarchical Tree	Weblog	Multiple Choice Quiz	Home Pages	User Management
Glossary Parsing	Chat	Essay Management	Bookmarks	Group Management
Digital File Storage	Instant Messaging	Rubrics	Calendar	Usage Tracking
Image Library	Real-time Classroom	Assignment Uploading	Buddies	
	Internal Mail		Photo Gallery	



Offline Content Authoring

International College of Free Software - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Run Taskbar Start Run Taskbar Start Run Taskbar Start

Address <http://kngforge.uwc.ac.za/nextgen/index.php?module=splashscreen> Go Links >>

KEWL.NextGen

Knowledge Environment for Web based Learning

Login
Username:
Password:
Login
[Forgot your password?](#)
[Click here for help](#)

Registration
Register

Languages
Select Language:
Go

Courses

Download the tutor manuals
The tutor manuals are used for train-the-trainer.
Click the following links to download:
[Introduction](#) of [Course Creation](#) of [Communication](#)
of [Assessment](#) of
Posted by **Derek Keats** On **2005-09-30 01:09:24**
Also available in: >>[Portuguese](#)

KEWL.NextGen default prelogin story
This is the KEWL.NextGen main prelogin story
This is the default prelogin story. To edit this story, go to site admin, and choose website stories, and edit this prelogin story. Alternatively, you can delete this story and add one or more additional stories to the prelogin category.
Posted by **Administrative User** On **2005-04-20 12:04:42**

Welcome to KEWL.NextGen
Welcome to KEWL.NextGen, an e-learning system produced by the African Virtual Open Initiatives and Resources (AVOIR) project.

Skins
Select Skin:

Go

Our other sites

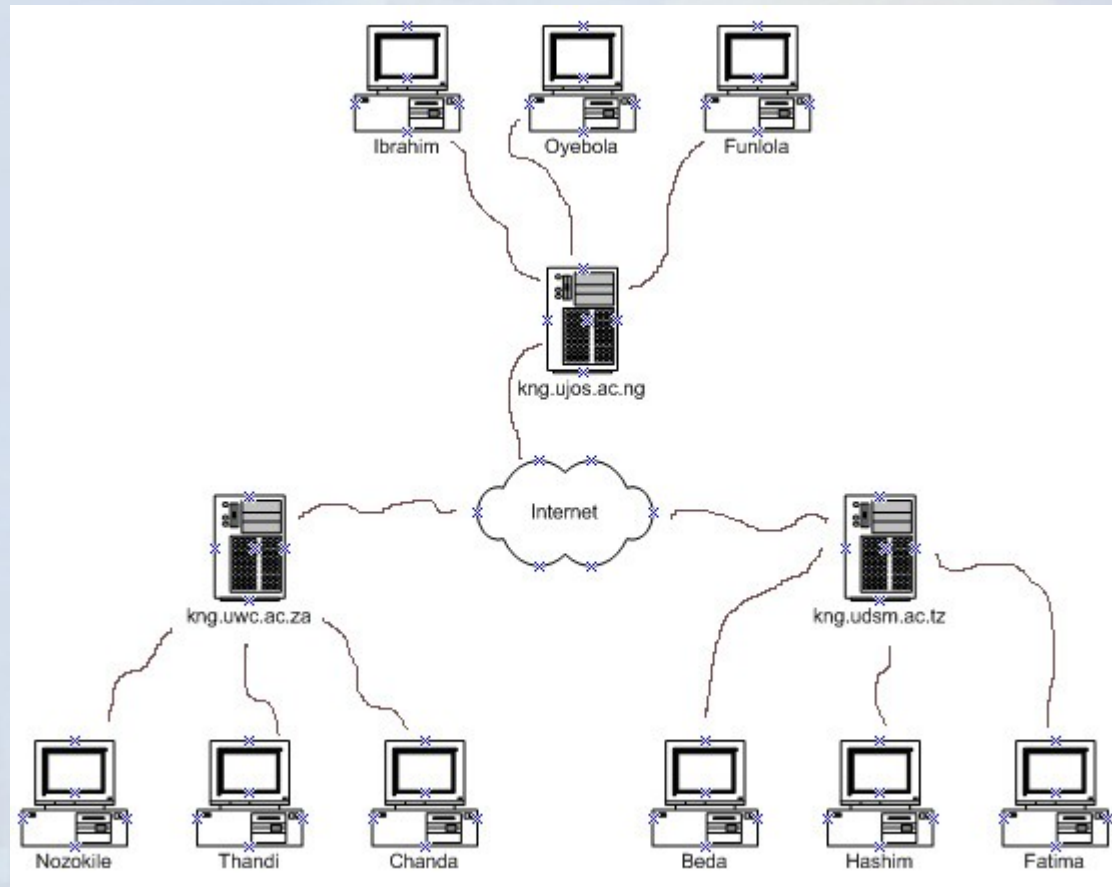
- [AVOIR development site](#)
- [CVS & bug tracking](#)
- [KEWL 1.x development](#)
- [NetTel@Africa KEWL](#)
- [NetTel@Africa website](#)
- [HictE KEWL](#)
- [HictE Website](#)
- [NISL KEWL](#)

Join this project
Email mbenn at uwc dot ac dot za

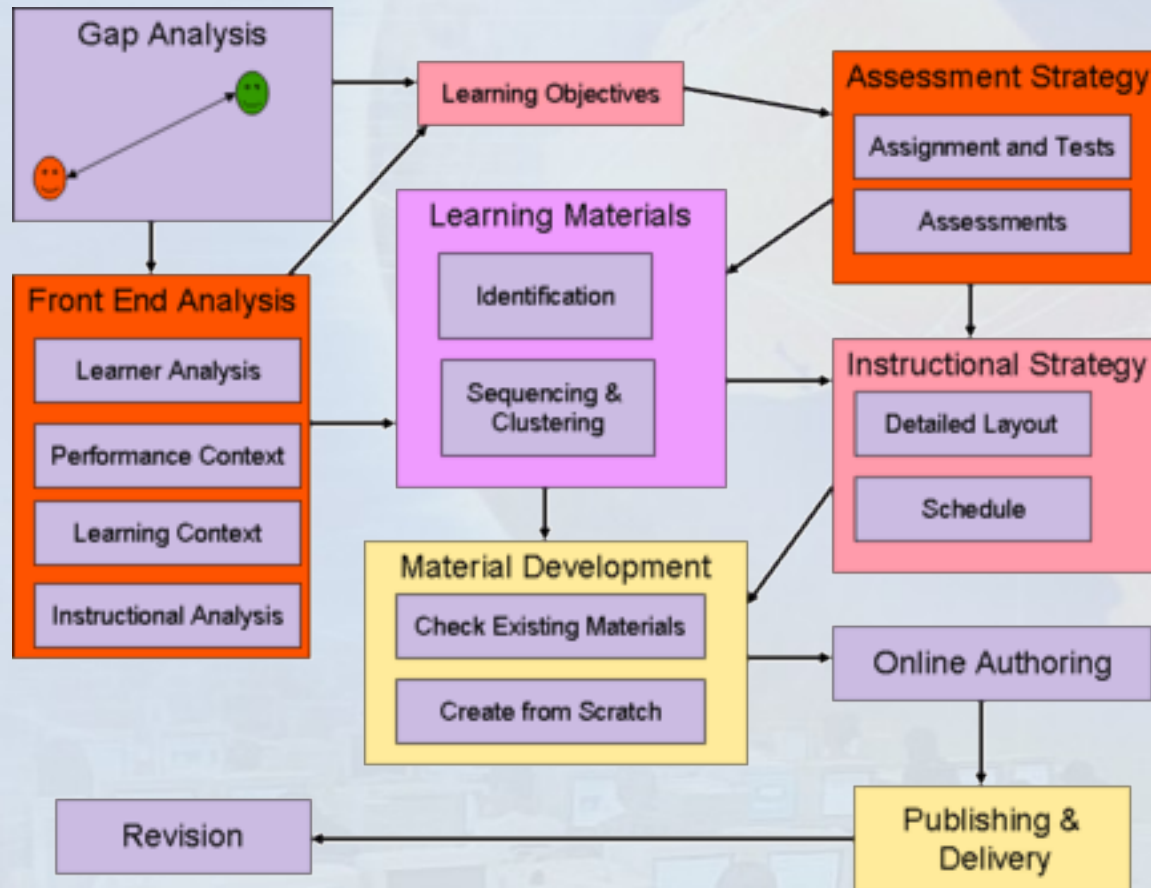
Start avoир and k... Desktop avoир_annu... 3 WinRA... AfricaConn... 3 Microso... 09:19 PM



Active Dynamic Mirroring



Instructional Design



KEWL.NextGen Mailing Lists

- NextGen-Users Mailing List
- The NextGen-Users mailing list is recommended for KEWL.NextGen users. It contains general discussion related to the project, where users can enquire information, report bugs, and recommend features and enhancements.
- Subscription Details:
<http://avoir.uwc.ac.za/mailman/listinfo/nextgen-users>
- Archive:
<http://avoir.uwc.ac.za/pipermail/nextgen-users/>



NextGen-Online Mailing List

- The NextGen-Online is a mailing list for is for technical discussion aimed at KEWL.NextGen developers. Developers who wish to join the project need to subscribe to this mailing list.
- Subscription Details:
<http://avoir.uwc.ac.za/mailman/listinfo/nextgen-online>
- Archive:
<http://avoir.uwc.ac.za/pipermail/nextgen-online/>



KEWL.NextGen Developer Resources

- Whitepapers - Prior to commencing a modules, developers are required to document their ideas, data structures, etc. in a whitepaper.
- Overview of KINKY Framework - How MVC and the KINKY Framework works, with a step-by-step guide to creating a module.
- KINKY Framework Documents - These are documents relating to the KINKY Framework and how to use the core modules, HTML Elements, implementing look-n-feel, etc.
- How to Guides - Contains guides for implementing Active Dynamic Mirroring, installation procedures on Ubuntu Linux, and embedding flash in KEWL.NextGen.
- End User Testing Reports - Reports from end-user Testing and recommendations for modules based on end-user testing.
- Module Layout and Design Recommendations - These are recommendations for developers on how to improve existing modules from a usability perspective.
- Manuals - A User manual.



How to get KEWL

1. Download and install, request manuals and go, no need to talk to us again
2. Download and install, request manuals and go, contribute back to the project by developing your own tools
3. Contact ICS Business unit to setup a KEWL site, train users, and provide ongoing technical support
4. Contact ICS business unit to create special features to meet your needs



<http://kewlforge.uwc.ac.za>
<http://kewl.uwc.ac.za>

A learning
management
system for
Africa



K
E
W
L

Thank you