

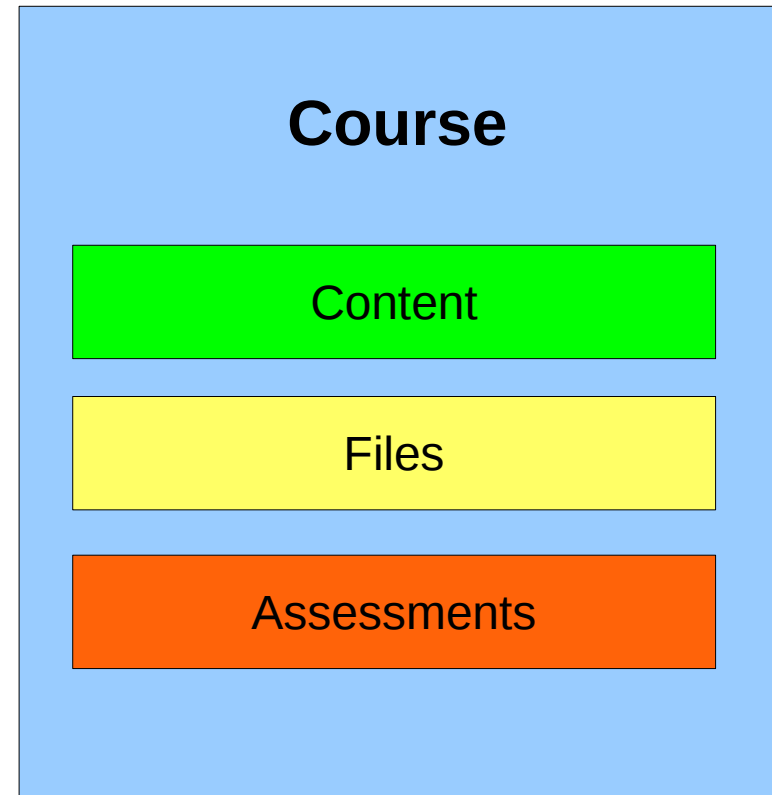


kewl<sup>3</sup>

*Knowledge Environment for Web Learning*

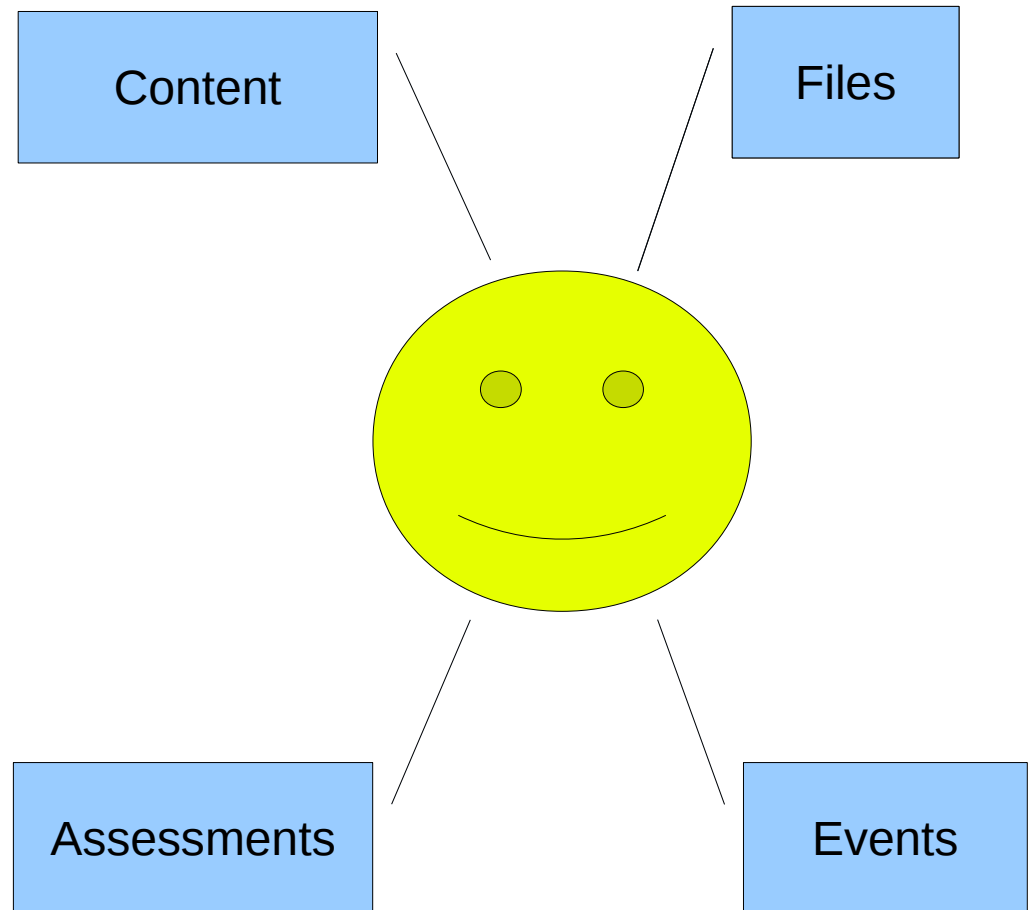
**Elearning Innovation**

- Think **Boxed** System
- You enter **A** course
- Course **HAS** content
- Course **HAS** files
- Course **HAS** assessments
- Move from one box into a smaller box



- Boxes provided a relationship / association model
- Limited model
- Difficult to Share and Reuse Content / Resources

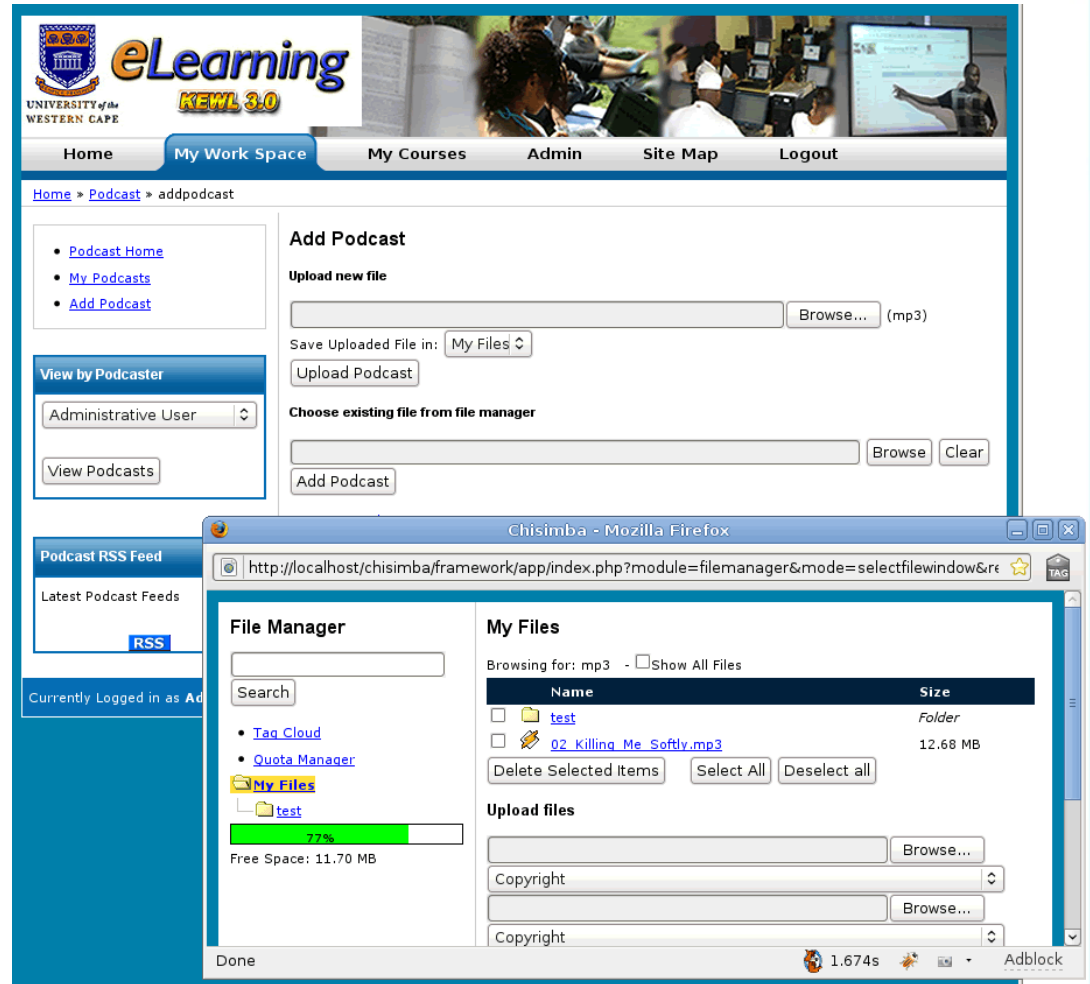
- Let the User be the Model!
- User **HAS** Courses
- User **HAS** Content
- User **HAS** Files
- User **HAS** Assessments
- User **HAS** Events



- **Ownership:**
  - Content belongs to the person who created it, not the course
- **Reuse by others:**
  - License is applied to content (E.g. Creative Commons)
  - Reused / Remixed with License

- A user can upload a podcast but cannot use it in his/her Home Page except by remembering to copy a link to the file. It won't even be available in the 'User Files'.
- A user can upload an attachment for a course in the forum module, but it will not be available in the Course Documents. The same goes for Calendar, Glossary, and Assessment.
- A lecturer uploads a document for one of his courses, but he/she cannot point to it from another course, using context files.

- Ability to Access and Reuse Files everywhere
- Track Usage
- Symlink to Course
- To do:
  - User Sharing
  - Search by license







## eLearning

KEWL 3.0



Home

My Work Space

My Courses

Admin

Site Map

Logout

Welcome Administrative User



### My Courses

Chisimba - Introduction

Enter Course

- [Announcements](#)
- [Blog](#)
- [Calendar](#)
- [Chat](#)
- [Discussion Forum](#)
- [Podcast](#)
- [Wiki](#)

### Browse Courses

Browse: A | B | [C](#) | D | [E](#) | [F](#) | G | H | [I](#) | J | K | L | M | N | O | P | Q | R | S | [T](#) | [U](#) | V | W | X | Y | Z |

Turn Editing On

### Latest Podcast

#### Shape of my heart

by Student Student

[- No Description -]

[Listen Online](#) / [Podcast Home](#)

### Latest blogs

[98778987](#)

Administrative User

[ihjkkk](#)

Administrative User

[fdsf](#)

Administrative User

[fdsf](#)





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## eLearning

KEWL 3.0


[Home](#)
[My Work Space](#)
[Course Home](#)
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[Site Map](#)
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[Home](#) » [Chisimba - Introduction](#) » home

### Chisimba - Introduction



- [Announcements](#)
- [Assignments](#)
- [Calendar](#)
- [Course Content](#)
- [Essays](#)
- [FAQ](#)
- [File Manager](#)
- [Discussion Forum](#)
- [Glossary](#)
- [MCQ Tests](#)
- [Rubrics](#)
- [Wiki](#)
- [Workgroups](#)

### About Course

sdfdsf

### Forum: Chisimba - Introduction Forum

#### Chisimba - Introduction Forum

Topic/Conversation	Author	Replies	Views	Last Post
<a href="#">refr</a>	Administrative User	2	8	68 days ago David Bamutura

[Start a New Topic](#)

### FAQ: vczxc

- [fasffsa](#)

[FAQ Home](#) / [View Category: vczxc](#)








### Latest Course

#### Announcement

- [Homework](#)
- [fdqdfdfd](#)

[Announcements](#)

### RSS

-  [RSS 2.0](#)
-  [RSS 0.91](#)
-  [RSS 1.0](#)
-  [PIE](#)
-  [MBOX](#)
-  [OPML](#)
-  [ATOM](#)

## Chisimba - Introduction



- [Announcements](#)
- [Assignments](#)
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- [Workgroups](#)
- [Online Worksheets](#)
- [Course Control Panel](#)
- [Leave Course](#)

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[FAQ Home](#) / [View Category: vczxc](#)

Chanter: asf

Turn Editing Off

### Latest Course Announcement

- [Homework](#)
  - [fdqfdqfd](#)
- [Announcements](#)

### RSS

-  [RSS 2.0](#)
-  [RSS 0.91](#)
-  [RSS 1.0](#)
-  [PIE](#)
-  [MBOX](#)
-  [OPML](#)
-  [ATOM](#)
-  [HTML](#)

### Add a Block

## Chisimba - Introduction

Search Course

- [Announcements](#)
- [Assignments](#)
- [Calendar](#)
- [Course Content](#)
- [Essays](#)
- [FAQ](#)
- [File Manager](#)
- [Discussion Forum](#)
- [Glossary](#)
- [MCQ Tests](#)
- [Rubrics](#)
- [Wiki](#)
- [Workgroups](#)
- [Online Worksheets](#)
- [Course Control Panel](#)
- [Leave Course](#)

## Chisimba - Introduction: Control Panel

### Course Settings



**Course Title:** Chisimba - Introduction  
**Course Status:** Published  
**Access Settings:** Public

[Change Course Settings](#)

### Course Members

#### Lecturers



#### Students



[Manage members](#)

### Course Plugins



[Announcements](#)



[Assignments](#)



[Calendar](#)



[Course Content](#)



[Essays](#)



[FAQ](#)



[File Manager](#)



[Discussion Forum](#)



[Glossary](#)



[MCQ Tests](#)



[Rubrics](#)



[Wiki](#)



[Workgroups](#)



[Online Worksheets](#)

Unused Plugins: 1

[Manage Plugins](#)

- Filters is an approach to displaying content that allows for the simple embedding, inclusion of external content or parsing of text using BBCode style tags
- Allows content on external sources to be used in Chisimba / KEWL 3
- Users don't need to remember complex embedding HTML

- YouTube
- SlideShare
- MathML
- Syntax Highlighting
- Flickr
- Google Docs
- Google Video
- Google Maps
- Wikipedia
- Sketchcast
- Mind Meister
- Timeline
- Delicious
- WebPresent

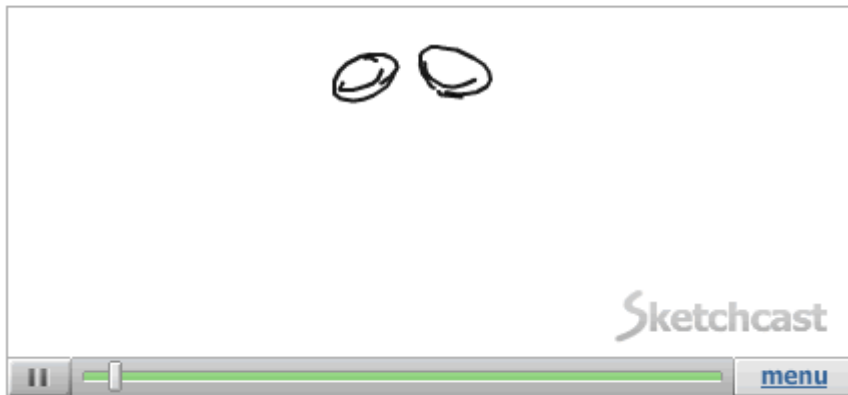
- Example: MathML / Latex
- `[MATH] pi=sum{n=0}{+infty}{(n!)^2 2^{n+1}}/{(2n+1)!} [/MATH]`

$$\pi = \sum_{n=0}^{+\infty} \frac{(n!)^2 2^{n+1}}{(2n+1)!}$$

- Sketchcast

- [SKETCHCAST: id=1Z8Ex4m, width=425, height=500]

## Sketchcast



See: <http://www.sketchcast.com>

- SlideShare

- [slideshare id=243434&doc=log-in-blog-to-log-out-1201478809926847-2&w=425]

## SlideShare



A screenshot of a SlideShare presentation slide. The slide features the 'fsi' logo (Finers Stephens Innocent) in the top right. The main text reads: 'Log in, Blog to, Log out (And Don't Get Sued)'. Below this, it identifies 'Robert Lands, Head of IP Media, Finers Stephens Innocent LLP'. The date '23<sup>rd</sup> January 2008' is in the bottom right. On the left side, there is a vertical navigation bar with icons for home, search, and other functions. At the bottom, there is a SlideShare player interface with navigation buttons and the 'slideshare' logo.



- New Filters are created all the time
- Any website tool that offers an API or RSS Feed can be turned into a filter
- Also Filter From File Manager
- Copy and Paste

File Preview
Embed Code
File Information

**File Preview**



00:00/01:00

---

File Preview
Embed Code
File Information

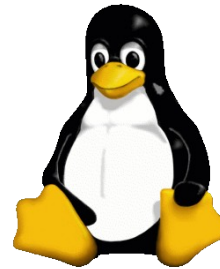
**Embed Code**

Copy this code and paste it into any text box to display this file.

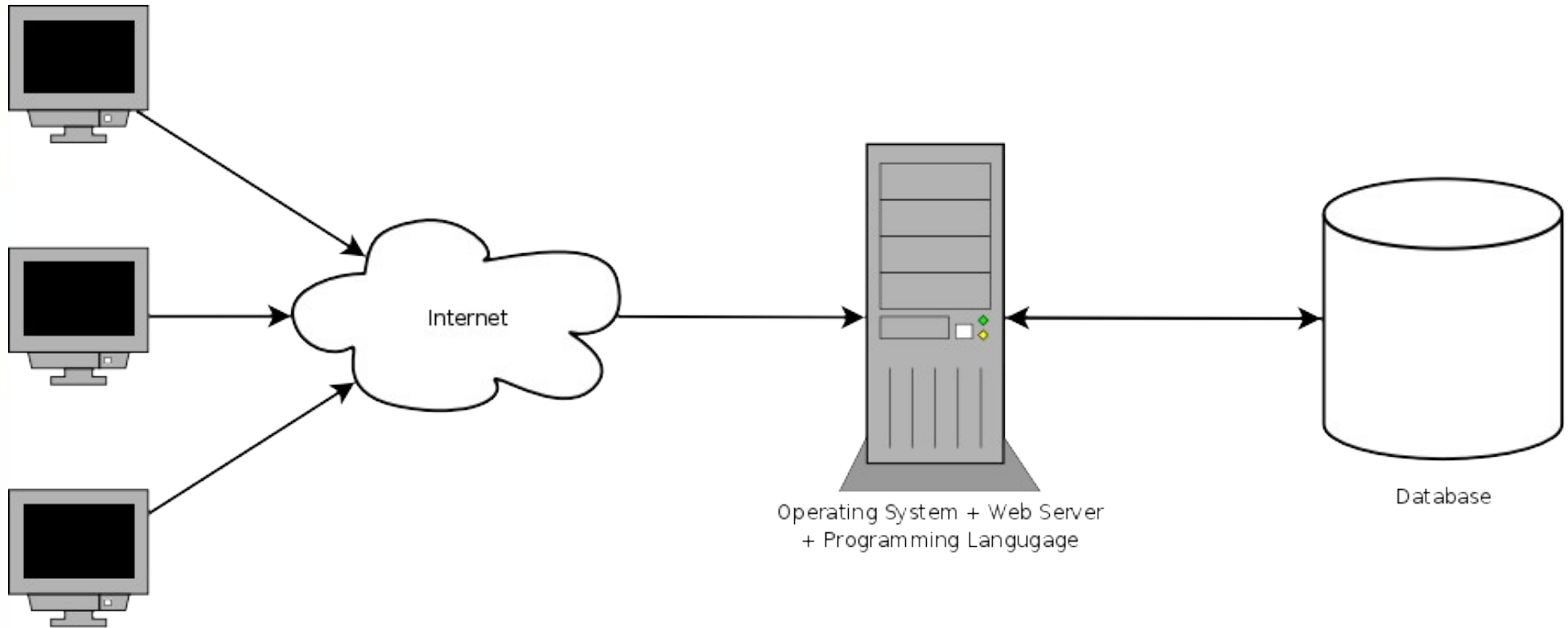
[FILEPREVIEW id="gen9Srv11Nme7\_9813\_1211862012" comment="steve

Copy to Clipboard

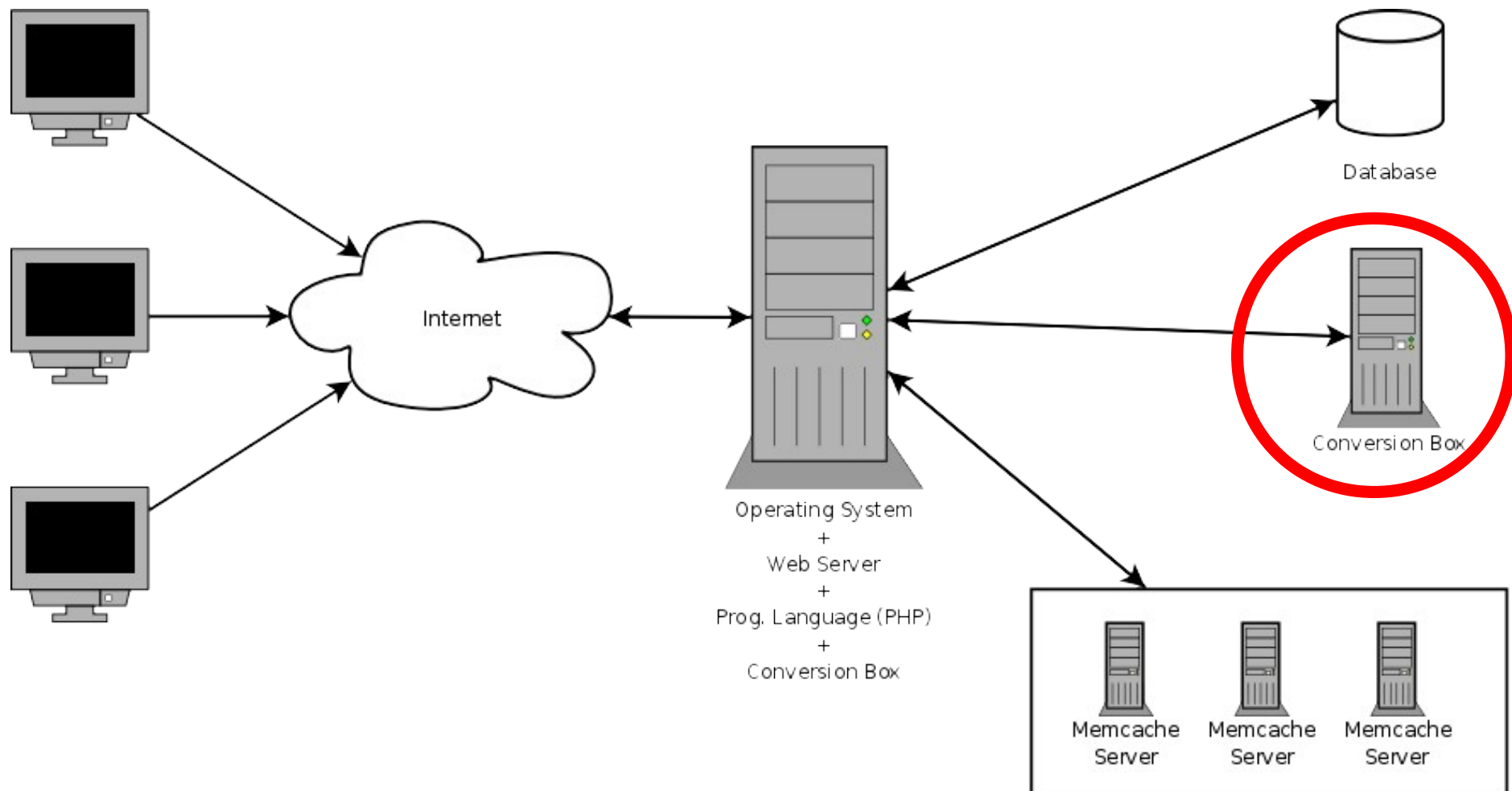
- Standard Server Setup – LAMP
- Operating System (Linux)
- Web Server (Apache)
- Database Server (MySQL)
- Programming Language (PHP)



# Old Architecture



# New Architecture



- Whilst PHP offers a lot, it does have its limitations
- However, PHP does have the ability to ask an Operating System to do work for it.

- Audio / Video Conversion – FFMPEG
- Document Conversion – OpenOffice
- Audio Synthesizing – Festival
- PDF Generation – HtmlDoc
- PDF to Flash – SWFTTools (similar to scribd)
- OCR Scanning





## ICT as a platform for multilateral cooperation

[Presentation](#) [Slides](#) [Transcript](#) [Live](#)

### ICT AS A PLATFORM FOR MULTILATERAL AND BILATERAL COOPERATION: OPPORTUNITIES AND CHALLENGES FOR SANORD

Prof Derek Keats  
Executive Director  
Information & Communication Services  
The University of the Western Cape  
Bellville (Cape Town), South Africa  
[dkeats@uwc.ac.za](mailto:dkeats@uwc.ac.za)



#### Description:

ICT as a platform for multilateral and bilateral cooperation: opportunities and challenges for SANORD. Presentation that I gave at the SANORD Centre Conference entitled Higher Education, Research and Development: Shifting Challenges and Opportunities, 5-7 December 2007.

0 diggs

[digg it](#)

**Tags:** [cooperation](#), [collaboration](#), [sanord](#), [africa](#), [chisimba](#)



#### Download

-  [OpenOffice Impress Presentation](#)
-  [PowerPoint Presentation](#)
-  [PDF Document](#)

**Uploaded by:** [Derek Keats](#)



- Chisimba has its own API capability
- Exists, and expanding but needs innovative ways to use them
- Offline Tools – Mostly done in Python



- Give considerations to KEWL's areas of weaknesses and improvements
- Chisimba / KEWL 3 is maturing inline with tools and technology
- Need development ideas to be implemented

