



# THE CASE FOR DIGITAL SPACES AT DAEYANG UNIVERSITY

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# Institutional History



Miracle for Africa  
Foundation

Aims to serve people in need in Africa

Focuses on social services in Health, Education and Agriculture

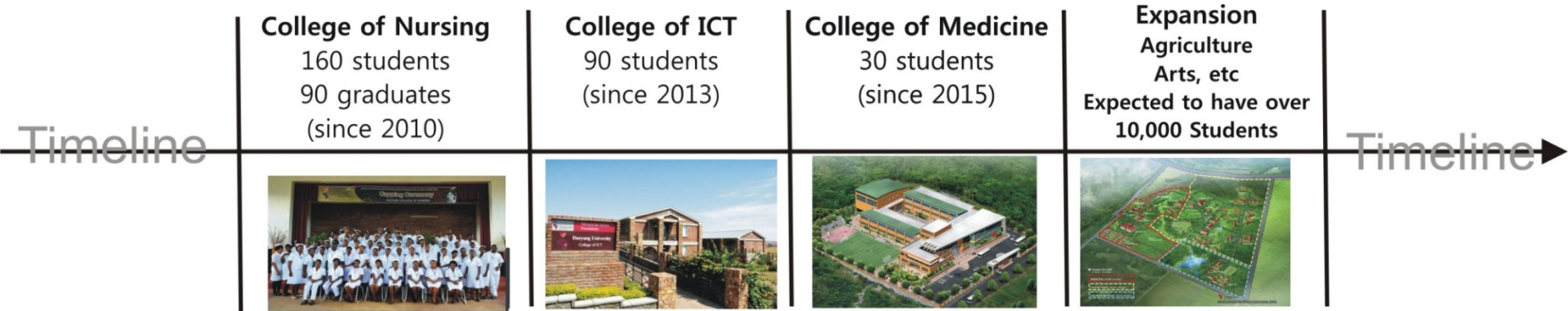
Although starting in Malawi the foundation aims to support development in Africa

Role is to develop institutions, sharing know-how and training of the next generation leaders.

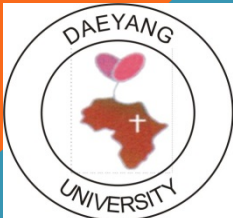
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# DAEYANG UNIVERSITY



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# VISION



Miracle for Africa  
Foundation

The centre of Sub-Saharan Africa  
The hub of healthcare, education, and agriculture

Within 1 hour flight: 90 million

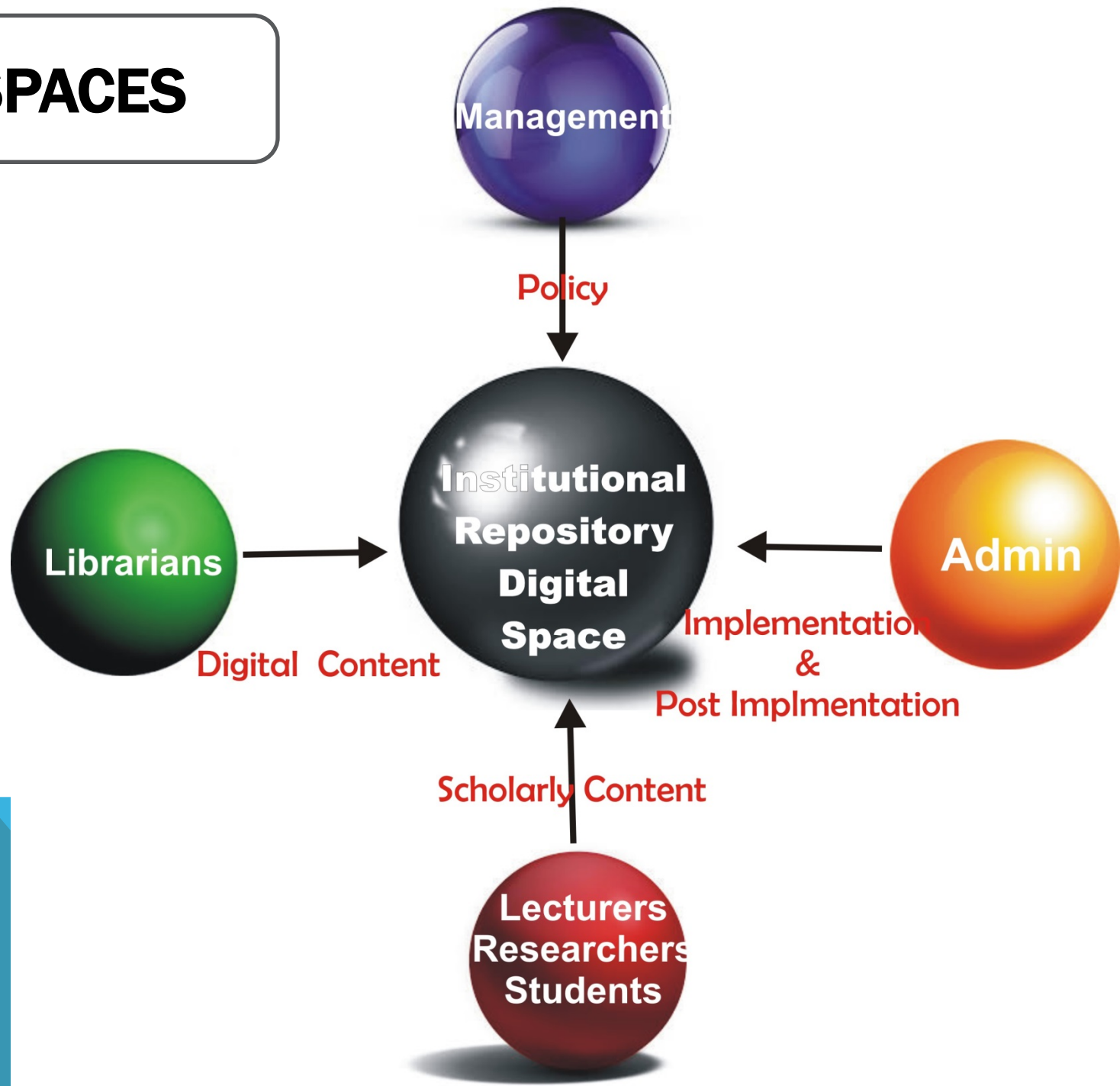
Within 2 hour flight: 310 million

A total of 400 million!

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# DIGITAL SPACES



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Institutional  
Memory

Stakeholder  
Benefits

## A Case for Digital Spaces

New Scholarly  
Publishing  
Paradigm

Visibility

# *Institutional Memory*

Allows for Scholarly Output to be

- Collected
- Disseminated
- Managed
- Preserved
- Indexed

NB: Connectivity with LMS systems

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# Stakeholder Benefits

## Researchers

- Preprints
- Increased Impact & Visibility
- creation of personalized publications lists

## Librarians and Institution

- Manage scholarly output
- Long term archiving of items
- Manage their intellectual property rights

- Opening up Learning and teaching materials traditionally found in LMS

## Global

- Assists research collaboration through facilitating free exchange of scholarly information
- Aids in the public understanding of research endeavors and activities.

# *New Scholarly Publishing Paradigm*

*“While institutional repositories centralize, preserve, and make accessible an institution’s intellectual capital, at the same time they will form part of a global system of distributed, interoperable repositories that provides the foundation for a new disaggregated model of scholarly publishing.”*

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# *Visibility*

“ Capturing, preserving, and disseminating a university’s collective intellectual capital, serves as meaningful indicators of an institution’s academic quality. An institutional repository concentrates the intellectual product created by a university’s researchers, making it easier to demonstrate its scientific, social and financial value. Thus, institutional repositories complement existing metrics for gauging institutional productivity and prestige.”

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# THE DIRECTORY OF OPEN ACCESS REPOSITORIES - OPENDOAR



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# THE DIRECTORY OF OPEN ACCESS REPOSITORIES - OPENDOAR

Platform: All (3045) Country: All (3045) Registered between January 1990 and November 2014 filter results show all

Map Satellite

Information bar

- DSpace (1225)
- EPrints (468)
- BEPress (168)
- ETD-db (44)
- Fedora (40)
- OPUS (26)
- OpenRepository (15)
- Other repository (1059) (Show all)

Normal icons | Repository size icons

There are **12,301,750** items held in the 3045 repositories on this map.

Download a map for [Google Earth](#):  
>> [Google Earth map](#) <<

Data provided by: [ROAR](#) & [OpenDOAR](#)

Copyright 2016 [Stuart Lewis](#).

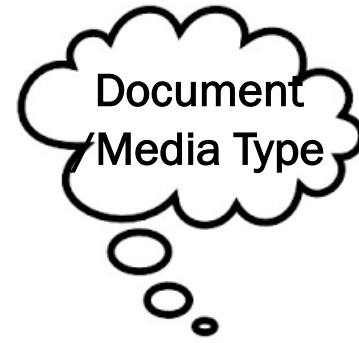
SOME RIGHTS RESERVED

- [About the maps](#) -  
- [Incorrect or missing repository location?](#) -  
Data last harvested: 20-Apr-2014 12:15

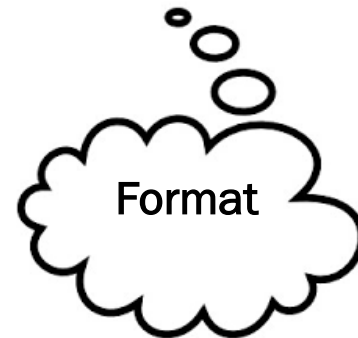
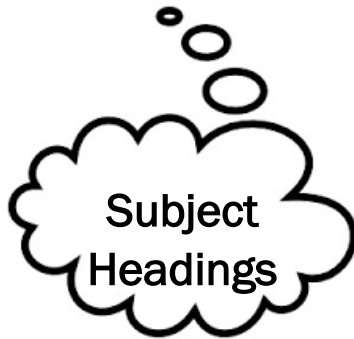
Map data ©2016 AfriGIS (Pty) Ltd, Google, ORION-ME Terms of Use

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# PRE-IMPLEMENTATION



System  
Choice

Development  
or Installation

# IMPLEMENTATION

Technical  
Requirement  
s

Potential  
Problems

# INSTITUTIONAL REPOSITORIES



**D** SPACE



**Joomla!**<sup>®</sup>  
...because open source matters



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Interface  
Design

Archiving  
Policies

Quality  
Control

## POST-IMPLEMENTATION

Documentation

Copyright

# CONCLUSION

A Case has been built to create:

An Open Access Institutional Repository for Daeyang using the Turnkey Application D-Space while looking into other technologies that could be the best fit for the institution.

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# REFERENCES

Cañelles, M., 2011. Stockholms stadsbibliotek.

Crow, Raym.(2002) *The Case for Institutional Repositories: A SPARC Position Paper*. Association of Research Libraries. Available at (<http://www.arl.org/sparc/IR/ir.html>). Last visited September 25, 2002

Marion, L., 2001. Digital librarian, cybrarian, or librarian with specialized skills: Who will staff digital libraries, in: *Crossing the Divide: Proceedings of the Tenth National Conference of the Association of College and Research Libraries*. Chicago, IL: American Library Association. pp. 143–149.

Martin, P., Pagell, R.A., 2008. SMU Institutional Repository: Knowledge Dissemination of Research and Scholarship.

McMillan, G., Fox, E.A., Eaton, J.L., 1999. The evolving genre of electronic theses and dissertations, in: *1999 Hawaii International Conference on System Sciences*. [Çevrim İçi], Elektronik Adres: [Http://scholar. Lib. Vt. edu/theses/presentations/Hawaii/ETDgenreALL](Http://scholar.Lib.Vt.edu/theses/presentations/Hawaii/ETDgenreALL). Pdf [20 Aralık 2002].

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**THANK YOU FOR YOUR ATTENTION**

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