



STATUS & DEVELOPMENT OF INSTITUTIONAL REPOSITORIES IN MALAYSIA [PUBLIC & GLC UNIVERSITIES]



SALLEH HUDIN MUSTAFFA
UNIVERSITI UTARA MALAYSIA





- A university-based institutional repository is a set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members. It is most essentially an organizational commitment to the stewardship of these digital materials, including long-term preservation where appropriate, as well as organization and access or distribution.” (Lynch,2003)

URL: <http://www.arl.org/bm~doc/br226ir.pdf>

- An institutional repository is a type of digital library that "capture[s] the original research and other intellectual property generated by an institution's constituent population active in many fields" (Crow, 2002)

URL :

www.sparc.arl.org/sites/default/files/ir_final_release_102.pdf



- Academic Library is the largest group of library in Malaysia that has successfully built the IR, compared to other type of libraries.
- From overall 20 Public Higher Education Institutions (Public HEIs) in Malaysia, 19 Public HEIs have successfully developed the IR, except Universiti Pertahanan Nasional Malaysia (UPNM).
- From overall 19 PHEIs, only 3 Public HEIs successfully developed more than 1 IR:
 - UKM = 2 IRs (PTSL UKM Repository & UKM Journal Article Repository)
 - UM = 5 IRs (Commonrepo UM, Dspace@UM, UM Research Repository, UM Students Repository & MyManuskrip)
 - UUM = 2 IRs (UUM Repository & UUM ETD Repository)
- From overall 458 Private Higher Education Institutions (Private HEIs) in Malaysia, only 6 Private HEIs have successfully developed the IR . The Private HEIs are UTP, MMU, UTAR, UniKL ,UNITEN, & SUC. Only UTP successfully develops 2 IRs (UTP-IR & UTPedia), while the rest have only one.

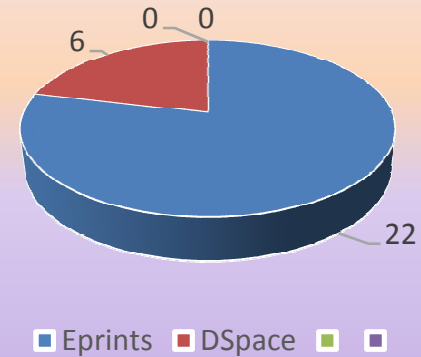
Source: Katrun Nada, Zahuddin (2015). Institutional Repository For Sustainable Advancement: Malaysian Experience [Powerpoint slides]. Retrieved from <https://www.slideshare.net/zdayne1/institutional-repository-for-sustainable-advancement-a-malaysian-experience-zahuddin-sidek>



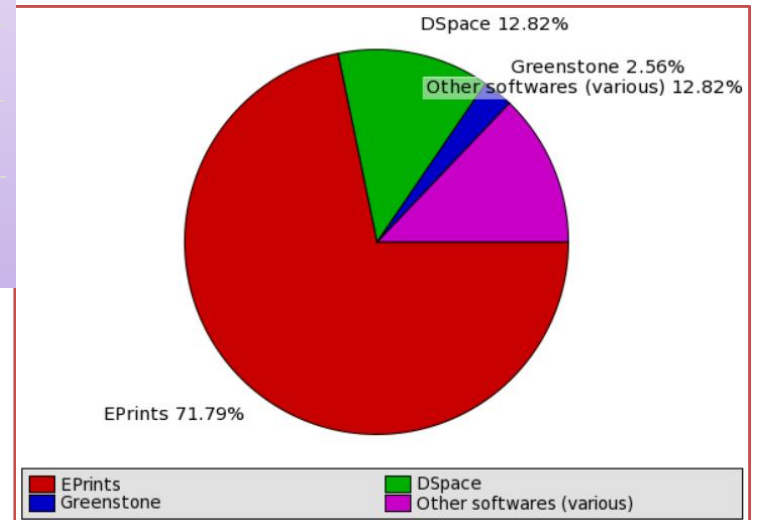
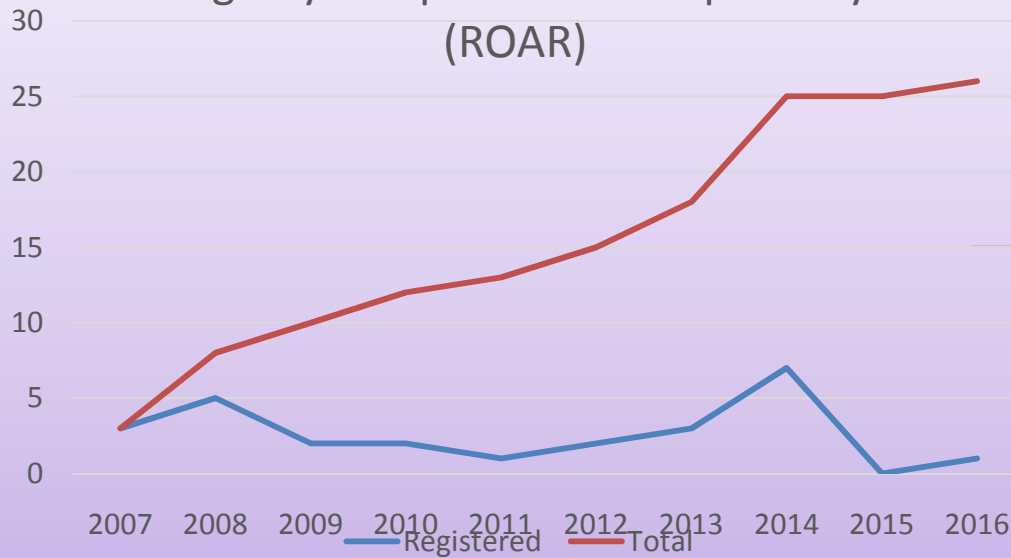
| NO. | PUBLIC / GLC UNIVERSITIES | REPOSITORY | SOFTWARE | ROAR |
|-----|---|--|----------|-----------------------|
| | | | | Birth Date |
| 1 | Universiti Malaya | UM Research Repository | Eprints | 25-02-2008 |
| | | UM Students Repository | Eprints | 04-09-2013 |
| | | UM Common Repository | Eprints | 20-06-2014 |
| 2 | Universiti Sains Malaysia | USM Repository | Eprints | 17-04-2008 |
| 3 | Universiti Kebangsaan Malaysia | UKM Journal Article Repository | Eprints | 17-04-2008 |
| 4 | Universiti Putra Malaysia | Perpustakaan Sultan Abdul Samad Institutional Repository | Eprints | 23-04-2008 |
| 5 | Universiti Teknologi Malaysia | Universiti Teknologi Malaysia Institutional Repository | Eprints | 26-01-2007 |
| 6 | Universiti Islam Antarabangsa Malaysia | IIUM Repository (IREP) | Eprints | 11-03-2011 |
| 7 | Universiti Utara Malaysia | UUM E-Theses | Eprints | 14-04-2012 |
| | | UUM Repository | Eprints | 20-06-2007 |
| 8 | Universiti Malaysia Sarawak | UNIMAS Institutional Repository | Eprints | 30-09-2014 |
| 9 | Universiti Malaysia Sabah | UMS Institutional Repository | Eprints | 24-07-2013 |
| 10 | Universiti Pendidikan Sultan Idris | UPSI Digital Repository | Eprints | 19-06-2014 |
| 11 | Universiti Sains Islam Malaysia | e-Imtiyaz Intellectual Repository | DSpace | 18-06-2014 |
| 12 | Universiti Teknologi MARA | Universiti Teknologi MARA Institutional Repository | Eprints | 11-07-2008 |
| 13 | Universiti Malaysia Terengganu | Sultanah Nur Zahirah Digital Learning Center | Dspace | 05-10-2016 |
| 14 | Universiti Tun Hussein Onn Malaysia | UTHM Institutional Repository | Eprints | 10-03-2010 |
| 15 | Universiti Teknikal Malaysia Melaka | UTeM Repository | Eprints | 24-08-2009 |
| 16 | Universiti Malaysia Pahang | UMP Institutional Repository | Eprints | 05-07-2013 |
| 17 | Universiti Malaysia Perlis | UniMAP Library Digital Repository | Dspace | 21-05-2007 |
| 18 | Universiti Sultan Zainal Abidin | UniSZA Institutional Repository | DSpace | 14-10-2014 |
| 19 | Universiti Malaysia Kelantan | UMK Institutional Repository | Eprints | 24-07-2012 |
| 20 | Universiti Pertahanan Nasional Malaysia | | | |
| 21 | Universiti Tenaga Nasional | UNITEN Library Institutional Repository | Dspace | 29-01-2010 |
| 22 | Universiti Multimedia | Siti Hasmah Digital Library Repository | Eprints | 02-12-2009 |
| 23 | Universiti Teknologi Petronas | UTP Electronic and Digital Intellectual Asset (UTPedia) | Eprints | 23-06-2014 |
| | | UTP Institutional Repository | Eprints | <i>not registered</i> |
| 24 | Universiti Kuala Lumpur | UniKL Institutional Repository | DSpace | 20-06-2014 |
| 25 | Open University Malaysia | Tan Sri Dr. Abdullah Sanusi Digital Library Repository | Eprints | 20-06-2014 |



Repository Software Used by UA / GLC



Registry of Open Access Repository (ROAR)





| ITEM TYPE | Total |
|-----------------------------|---------|
| Article | 205,396 |
| Theses | 52,845 |
| Other | 47,538 |
| Conference Item | 47,094 |
| Teaching Resource | 28,591 |
| Newspaper | 27,531 |
| Monograph | 18,133 |
| Book Section | 13,248 |
| Book | 9,249 |
| Final Year Project | 8,588 |
| Working Paper | 5,573 |
| Undergraduate Project Paper | 5,429 |
| Examination Paper | 5,142 |
| Book Chapter | 5,125 |
| Project Report | 3,809 |
| Examination Question | 3,693 |
| Newspaper Article | 3,461 |
| Academic Exercise | 3,441 |

- Working papers
- Research reports/technology reports
- Datasets
- Supplementary materials
- Learning objects
- Multimedia collections
- Papers in support of grant applications
- Committee reports and memoranda
- Statistical reports
- Technical documentation
- Surveys
- Electronic Portfolios
- Images, Video and audio files
- Others _____



MALCAT

<http://malcat.uum.edu.my>



MALCAT is a Union Catalog of Malaysian Academic Libraries that enables searching of all bibliographic collections of public and government-linked company university libraries registered with the Ministry of Higher Education. MALCAT contains more than 5 millions records representing digital resources from 26 academic libraries.

Current statistical information is as follows

- ▶ 24 Universities
- ▶ 24 Academic Libraries
- ▶ 26 Item Format
- ▶ 5,050,499 collections of metadata and increasing



MALREP

<http://malrep.uum.edu.my>



MALREP is a discovery service that enables searching of the Malaysian Academic Library Institutional Repository from various information databases by using Open Archive Initiative Protocol for Metadata Harvesting Service (OAI-PMH). MALRep contains more than 500 thousands records representing digital resources from more than 25 contributors.

Current statistical information is as follows

- ▶ 27 Universities
- ▶ 27 Academic Libraries
- ▶ 30 Malaysian Repositories
- ▶ 30 Item Format
- ▶ 531,002 collections of metadata and increasing



SULTANAH BAHYAH LIBRARY UNIVERSITI UTARA MALAYSIA

In conjunction of academic libraries in Malaysia, a union catalog and repositories is made available for public to provide content search efficiently



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AUNILO

<http://aunilo.uum.edu.my>



AUNILO IRDS is a discovery service that enables searching of the Asian Universities Network (AUN) Institutional Repository from various information databases by using Open Archive Initiative Protocol for Metadata Harvesting Service (OAI-PMH). AUNILO IRDS is a continuous effort in enhancing information networking among member universities through the sharing of digital academic resources.

Current statistical information is as follows

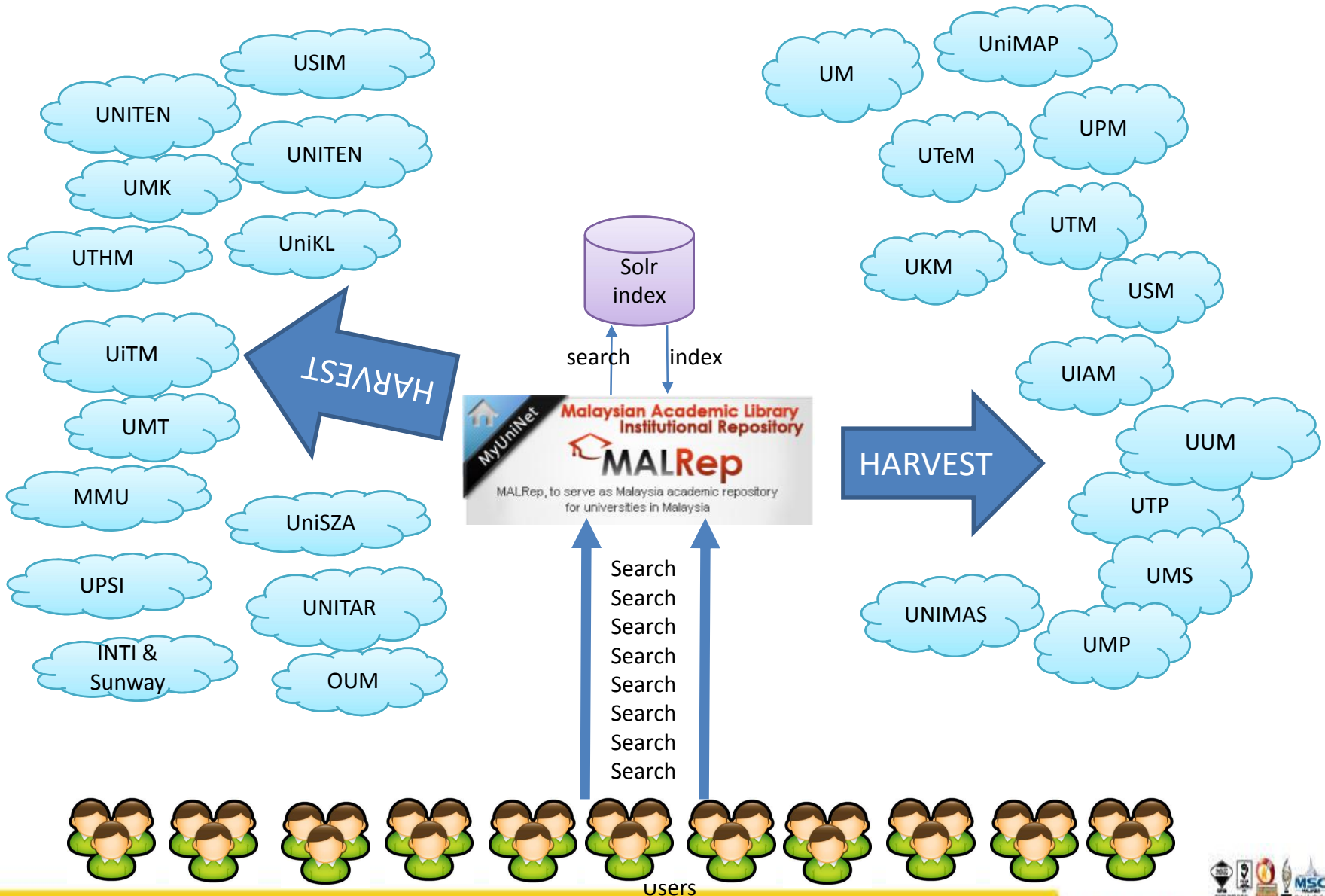
- ▶ 8 countries
- ▶ 20 Universities
- ▶ 24 Institutional Repositories
- ▶ 30 Item Format
- ▶ 780,021 collections of metadata and increasing



Sultanah Bahiyah Library
Universiti Utara Malaysia, Duta Sertak, Kedah, Malaysia
umlib.uum.edu.my



MALREP DISCOVERY SYSTEMS





MyUniNet
Malaysian Academic Library Institutional Repository
MALRep
 MALRep, to serve as Malaysia academic repository for universities in Malaysia

Discover MALRep | Malaysian Academic Library Institutional Repository
 FAQs | Search Tips | Ask a Librarian

Feedback Login Language

Home Search/Browse Options Discovery Service About

Search and Discover Malaysian Academic Library Information Resources : Institutional Repository

Information & Resources

- MyUniNet Portal
- MALCat : Union Catalog
- MALRep : Institutional Repository
- MyTO : Theses Online

STATISTICS

- 24 Libraries
- 28 MAL Repository
- > 5,256,000 Books and Journals
- > 156,898 Electronic Resources
- > 483,900 Institutional Repository

All Fields Advanced



This discovery service are able to search Malaysian Academic Library Institutional Repository from various information databases (OAI-PMH Service). Authentication required when users are trying to get fulltext documents from third party services esp. commercial information databases. MALRep includes more than 480k records representing digital resources from more than 25 contributors. The records of the open access digital resources available via MALRep lead to a wide range of materials, and include: Journal articles, Newspapers, Manuscripts, Digital text, Photographic images (jpeg, tiff, gif), theses and research papers.




MyUniNet
MALRep
 Malaysian Academic Library Institutional Repository
 MALRep, to serve as Malaysia academic repository for universities in Malaysia

Discover MALRep | Malaysian Academic Library Institutional Repository
[FAQs](#) | [Search Tips](#) | [Ask a Librarian](#)

[Feedback](#) [Login](#) [Language](#) ▾

[Home](#) [Search/Browse Options](#) ▾ [Discovery Service](#) ▾ [About](#) ▾




All Fields Advanced

Search:

Showing 1 - 20 results of 531,002 for search "", query time: 0.10s

Sort ▾

Narrow Search

- | | | | |
|---|---|---|----------------|
| 1 |  NO IMAGE AVAILABLE | <p>MINERAL DEVICED FROM FINE CLAY ISOLATED FROM POTTER WASP NEST COLLECTED FROM UNIVERSITI TEKNOLOGI PETRONAS MAIN HALL</p> <p>by ABU SAMAH, MUHAMAD ASRI Published 2011 Institution: Universiti Teknologi Petronas</p> <p>Get full text Get full text</p> <p>Final Year Project NonPeerReviewed</p> | ★ Save to List |
| 2 |  NO IMAGE AVAILABLE | <p>ROOT CAUSE FAILURE ANALYSIS OF A GAS TURBINE STARTER FAILURE</p> <p>by MOHD ALI, MUHAMMAD ABU BAKAR Published 2011 Institution: Universiti Teknologi Petronas</p> <p>Get full text Get full text</p> <p>Final Year Project NonPeerReviewed</p> | ★ Save to List |
| 3 |  NO IMAGE AVAILABLE | <p>DESIGNING, PROTOTYPING AND TESTING OF A NOVEL SAXOPHONE PRACTICE MUTE</p> | ★ Save to List |

| Institution | ▲ |
|--|---------|
| Universiti Malaya | 128,192 |
| Universiti Malaysia Perlis | 51,589 |
| Universiti Putra Malaysia | 49,261 |
| Universiti Teknologi Malaysia | 40,312 |
| Universiti Sains Malaysia | 38,302 |
| Universiti Islam Antarabangsa Malaysia | 34,904 |
| Universiti Utara Malaysia | 25,558 |
| Universiti Teknologi Petronas | 20,370 |
| Universiti Malaysia Sabah | 18,475 |

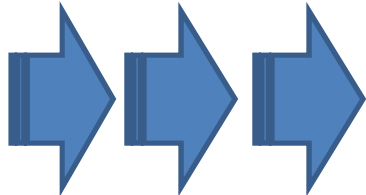


- Strengthen existing collection in IR
- Create guideline for standardization (types, description, metadata elements, language code, etc.)
- University IR... new document type?
- Introduce new features to ease users, ie translation [cn → en]
- Content development approach : from in-house efforts to collaborative efforts
- Provide rich metadata descriptions..... Social bibliometric analysis
- ReUse public domain data and information
- ReThink: Knowledge Repository vs Institutional Repository (scholar) vs Digital Repository vs Digital Assets Repository



Have Question? Need Answer ?

| Name | Field of Work |
|---|---|
| Salleh Hudin Mustaffa [Chief Librarian] | Project manager and technical advisor who are plan, install the systems, provides training and also design UI for the systems, identifying of new sources, server administration, server monitoring, development: PHP, SOLR |
| Zuraidah Darus [Senior Librarian] | Project Coordinator, metadata enhancement, indexing and integration of new resources. |
| Siti Norain Ismail [Librarian] | Backend (Metadata processing, normalization, indexing, integration of new sources) |
| Mohd Shazwan Nabil Shukor [Information Technology Officer] | Provides ICT infrastructure and maintaining the hardware servers, |





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-: THANK YOU :-