



Digital Content in Egypt

Past.. Present.. & Future

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First Deputy to the Minister

Ministry of Communications and Information Technology

Agenda

Introduction

Digital Content in Egypt .. Continuous Efforts

The Way Forward.. Towards the National Strategy

Introduction

- Huge Available Heritage Content
 - Diversified Portfolio (Pharonic, Greek, Roman, Coptic, Islamic, Modern, ...etc)
- Maintain Egyptian Identity & Preserve Heritage Content
- Recruitment of ICT Tools -> Digital Content

Preservation of the Cultural Heritage

- Eternal Egypt
- Memory of the Arab World
- Description de l'Egypte
- L'Art Arabe
- Arabic Digital Library
- Presidential Archives
- Memory of Modern Egypt
- Memory of Suez Canal
- Al-Ahram Newspaper Digital Archive
- Al-Hilal Magazine Digital Archive
- Manuscripts of Al-Azhar Library
- Arabic Manuscripts Online
- Archeological Map of Egypt
- Architectural Heritage of Cairo
- Arabic Music National Database
- Lots more

Eternal Egypt



- Highlights major themes of the Egyptian history
- Spans people, periods and cultures
- 3D models
- Panoramic visits to archeological sites

Project in Figures

- **3,500** Pieces Museums
- **444** Historical Figures
- **345** Archaeological Zone Articles
- **46** Grouped Stories

Project Stakeholders

- Bibliotheca Alexandrina (CULTNAT)
- MCIT
- IBM
- Supreme Council of Antiquities

<http://www.eternegypt.org/>

Memory of the Arab World



- Capture and Preserve the Arab Heritage
- Strengthen the Cultural Links between the Arab Countries

- Launched by 'Council of Arab Ministers of Communications' Tunisia, 2006

Project Focus

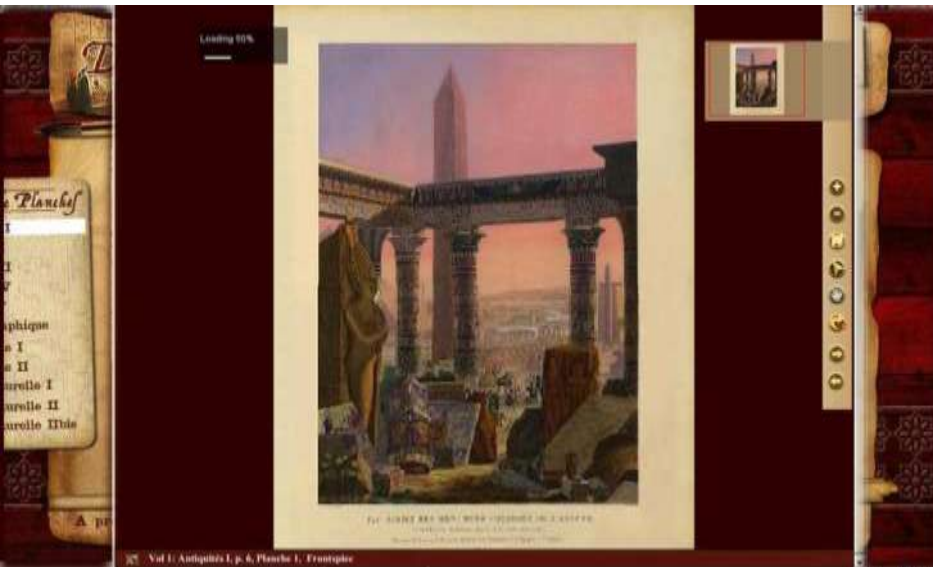
- Shared Memory
- Manuscripts
- Arabic Architecture Heritage
- Information Technology
- Arabic Folklore
- Heritage of Arabic Music

Project Stakeholders:

- MCIT of Egypt
- The League of Arab States
- UNESCO/ITU
- The Arab League Educational, Cultural and Scientific Organization (ALECSO)
- The Islamic Educational, Scientific and Cultural Organization (ISESCO)

<http://www.memoryarabworld.net/>

Description de l'Égypte



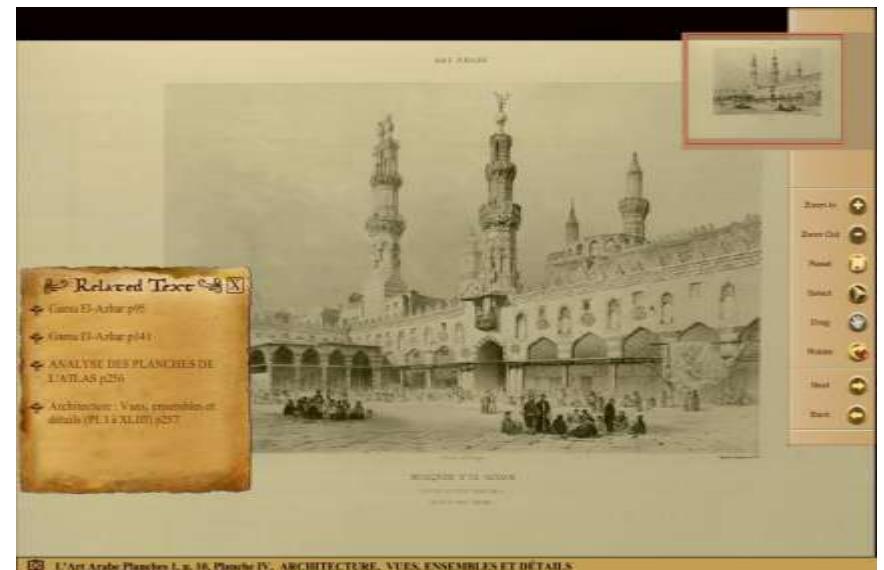
- 200-year old masterpiece dates back to 1798
- Documenting all aspects of Egypt
- **11** Plate Volumes
- **9** Text Volumes
- **8,500** pages Digitized & Aailed
- **21+ Millions** Hits (2009-2013)

[http:// descegy.bibalex.org/](http://descegy.bibalex.org/)

L' Art Arabe

- Published in **1869**
- Documentation of **Islamic Monuments in Egypt**
- **3** Plate Volumes **222** plates
- **1** Text Volume **388** pages
- Browsing & Searching Tools
- Plates related to Text

<http://lartarabe.bibalex.org/>



Arabic Digital Library

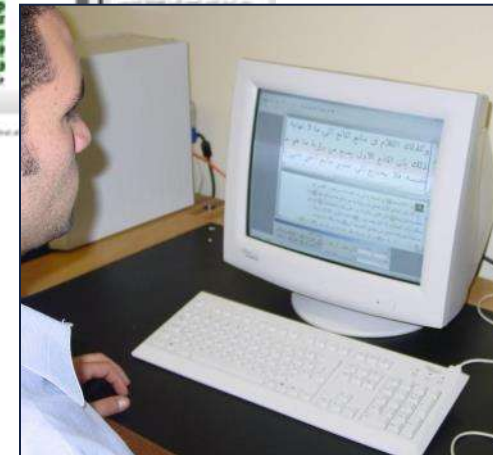
- The Largest Digital Arabic Library Worldwide **180,000+** on line books
- Multidisciplinary Portfolio of Books (Generalities / Philosophy & Psychology / Social Sciences / Natural Sciences / Mathematics / Technology/ Arts / Literature /etc..)

• Features

- Book reader
- Arabic Search
- Personalization
- Underline, highlight, sticky notes
- ...

• **15 million visits** (2011-2013)

• **850 million hits** (2010-2013)



Presidential Archives - Nasser Digital Archive

- 59,500+ Photos
- 1,360+ Speeches
- 1,200+ Documentary films
- 18,000+ Documents
- 4,300+ Articles and Newspaper clips
- 1,200+ Revolution songs
- 520+ Stamps, Caricatures, Currencies

17+ million hits in 2013

<http://nasser.bibalex.org/>

















Memory of Modern Egypt

- The Last **200** years of Egypt Modern History
- Expandable to include continuous addition of data

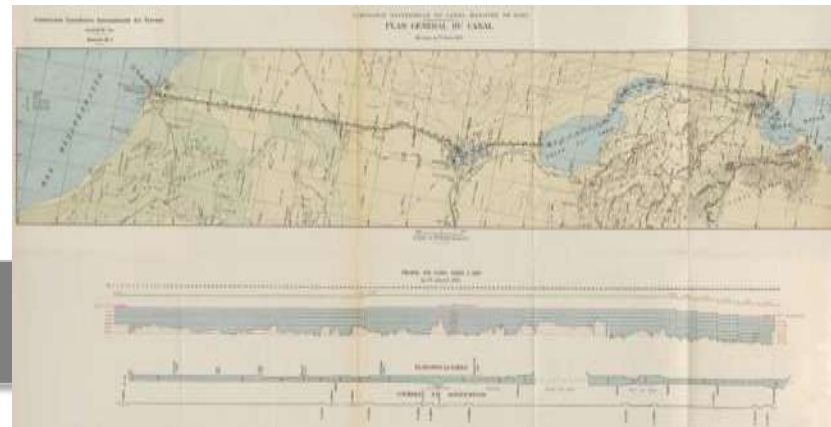
<http://modernegypt.bibalex.org/>



Images		72,363	Documents		25,831
Videos		1,982	Audios		1,127
Speeches		1,863	Press items		23,854
Articles		5,819	Books		266
Maps		231	Medals		207
Monetary		292	Stamps		1,062
Covers		1,886	Advertisement		994

Memory of Suez Canal

- Suez Canal from Excavation till Nationalization
- Documents, Pictures Letters, Maps, Documentary Films, Related Books, etc.



<http://suezcanal.bibalex.org/>



- The Oldest Egyptian Newspaper
 - Since the First Edition Aug 5, 1876 till now
- 500,000 + Pages**
- <http://digital.alahram.org.eg/youmy>



Al-Hilal Magazine Digital Archive



- The oldest cultural journal in the Arab world
- Issues since 1892 digitized, processed, indexed and available on 12 DVDs
- Browsing and searching tools

Sheikh Mohammed bin Rashid Manuscripts Preservation Project : Al-Azhar Library



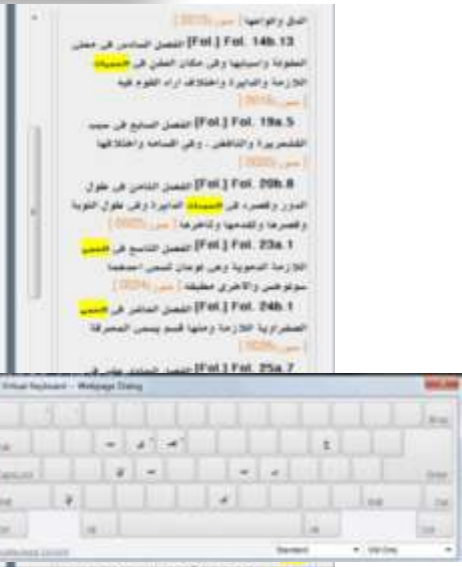
- Preservation of the Ancient Islamic Manuscripts (Al Azhar library)
- **42,000** Manuscripts
- **7,000,000** Pages
- **2.5 Millions** Digitized pages



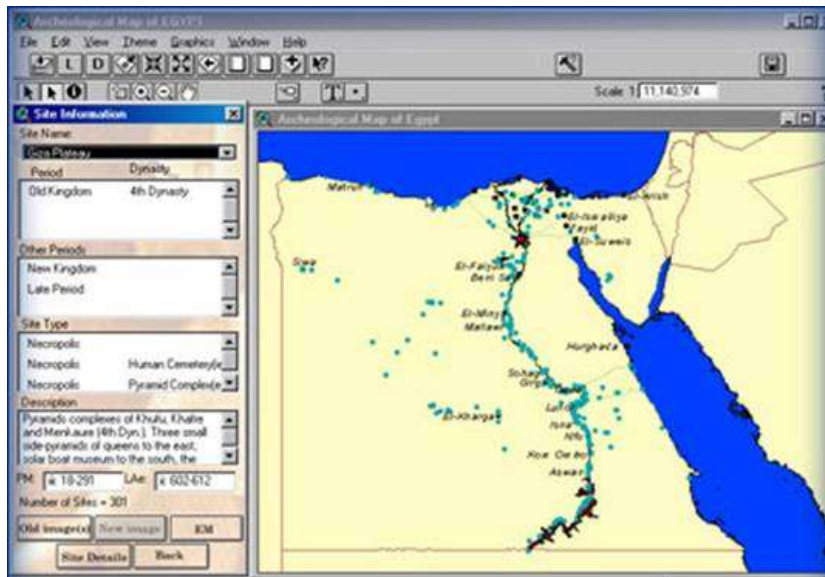
Wellcome Arabic Manuscripts Online



- 500 Arabic Manuscript - Wellcome Trust
 - History of the Arabic Medicine
 - Associated Rich Metadata
 - Browsing and searching tools
- <http://wamcp.bibalex.org/home>



Archeological Map of Egypt



The Mastaba of Qar



King's letter-scribe in the presence Qar

BACK

- Visualize the Geographical Distribution of the Egyptian Archaeological sites
- Display of the Digitized map of the entire country
- Bilingual System

Data includes the following;

- Basic information
- Recent & Old photos
- Missions reports
- Bibliography of the site
- Objects of Egyptian & other museums
- Objects in museums
- Boundary maps
- Site details

Architectural Heritage of Cairo

The image displays a web application interface for exploring Cairo's architectural heritage. It features several overlapping windows and panels:

- Search and Navigation:** Multiple windows at the top show search options and map navigation tools. One window displays a scale of 1:1,007,503,242.
- Search Filters:** A sidebar on the left lists search criteria: Building name, Building location, Building history, Building owners, Building use, Display information, Building information, Street information, Shiyakha information, and Architect information. Buttons for 'select on map', 'more info', and 'home' are also present.
- STREET INFORMATION:** A panel showing a photograph of a building and a 'View of Qasr El-Nil street from'.
- ARCHITECT INFORMATION:** A detailed profile for **Mustafa Fahmy Patha**, including:
 - Origin: Egyptian
 - Born in: 1866
 - Died in: 1972
 - Graduate of: France
 - Practice established in: [blank]
 - Highest title: Minister of public works
 - Other titles: Chief architect at the court, director of Alexandria and Cairo municipalities
- Building history:** A section for **Architect name: Mustafa Fahmy Patha**, with filters for 'Built in' (1960s) and 'Style' (Art Deco). A 'Find' button is located below.
- Map:** A map view on the right showing a grid of streets with highlighted buildings.

Arabic Music National Database

جمهورية مصر العربية
وزارة الثقافة
الهيئة العامة للمركز القومي القومي - دار الأوبرا



المشروع القومي
أعلى تراث الموسيقى العربية
سلسلة قاعدة بيانات أعلام الموسيقى العربية

بمسند درويش ٣

جمهورية مصر العربية
وزارة الثقافة
المركز القومي القومي - دار الأوبرا



القصبير

المشروع القومي
حفاظ على تراث الموسيقى العربية
سلسلة قاعدة بيانات أعلام الموسيقى العربية

محمد القصبير ٤

جمهورية مصر العربية
رئاسة مجلس الوزراء
مركز المعلومات ودعم اتخاذ القرار



المشروع القومي
للحفاظ على تراث الموسيقى العربية
سلسلة قاعدة بيانات أعلام الموسيقى العربية

محمد عبد الوهاب ١

The Way Forward ...

National Digital Arabic Content Strategy (2014 –20)

Vision

Towards the Digital Arabic Content which will preserve the Egyptian identity and enhance our creativity, in order to serve the Sustainable Development and the Transition to the Knowledge Economy

Strategic Objectives

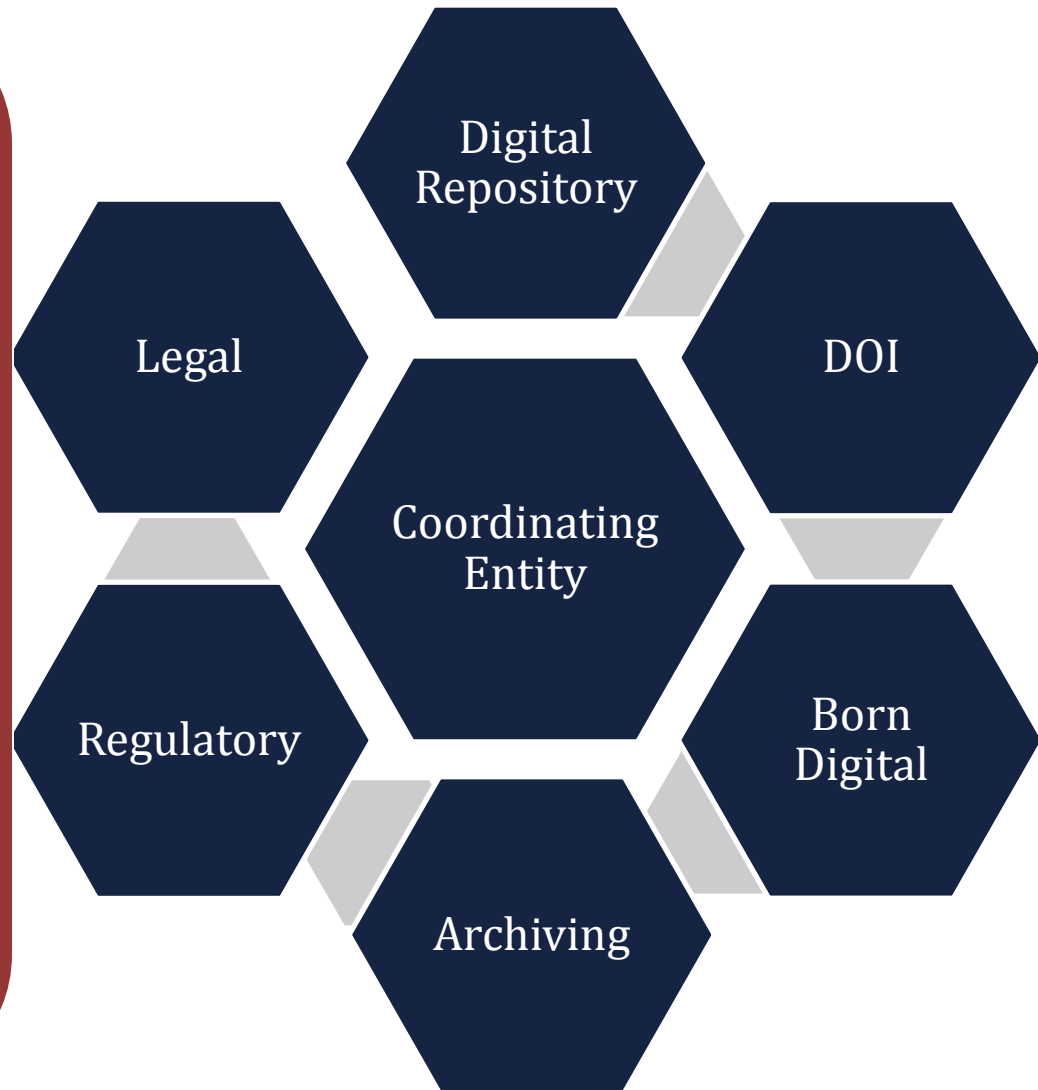
1. Preserve the Egyptian cultural identity
2. Improve the production and availability of DAC on the Web
3. Develop a robust DAC industry, stimulate investment and create job opportunities
4. Provide human capacity building programs
5. Increase the sector contribution to the national GDP

Challenges

- **Standards** must be set for **Digitization**
- **Repositories** must be built holding a master copy of highest quality
 - allowing collaborative content creation
 - offering a middleware allowing security
 - universal intellectual access
 - integrated digitization workflow
 - tools for archiving
- **Standards** must be set for **Archiving and Preservation**
 - There are only recommendations
 - Objects must be archived with their **metadata** and **tagging** data
 - **Standards** must be derived for both metadata and tagging data
- How to offer services for users with **low Bandwidth**?
- Standards must be set for **born digital** material
- New models for **User Generated Content**

The Digital Content Ecosystem

- Set the Technical Standards
- Develop the Regulations
- Identify Attractive Business and Economic Models
- Preserve Providers and Consumers Rights



Strategic Directions

DAC Ecosystem

- Set the guidelines, standards and regulations for the processes of; Archiving, DOI, Repositories, Born Digital

Capacity Building

- Develop the required skills and qualifications on both technical and administrative aspects

Government Content

- Develop the Government Digital Content (OGD, Real-time)

Arabic Content

- Develop the DAC (Educational, Scientific, Touristic, Media, Environmental, Cultural, Heritage, ...etc)

DAC Sustainability

- Industry Development – Innovative Production – Economic Business Models

Thank You ...



Arab Republic of Egypt
Ministry of Communications
and Information Technology

