



PRESS ARCHIVE OF CEDEJ

  **Software engineer** Cairo - Egypt
Amr Sohail Rawhy

CEDEJ is the Centre d'Etudes et de documentation Economiques, juridiques et sociales based in Cairo. Within the framework of our project "Press Archive of Cedej", we have been collecting more than 800 000 Egyptian newspaper clips of the most important events from the mid 1970 until 2010. In cooperation with Bibliotheca Alexandrina we processed these clips to develop a full digital archive. I will briefly explain to you the methodologies we followed to accomplish the product.

Outline

2

- Introduction to the project
- Explanation of workflow
- Product



MELCom International 37th Annual Conference in Constantine, Alg.

CEDEJ



**I will start by introducing the project and the idea behind it.
Then, I will briefly explain our workflow and methodology and present the final product.**

Introduction

3

- Joint project between Bibliotheca Alexandrina and CEDEJ (MAEDI-CNRS)*.
- The core of the project
- How this is implemented



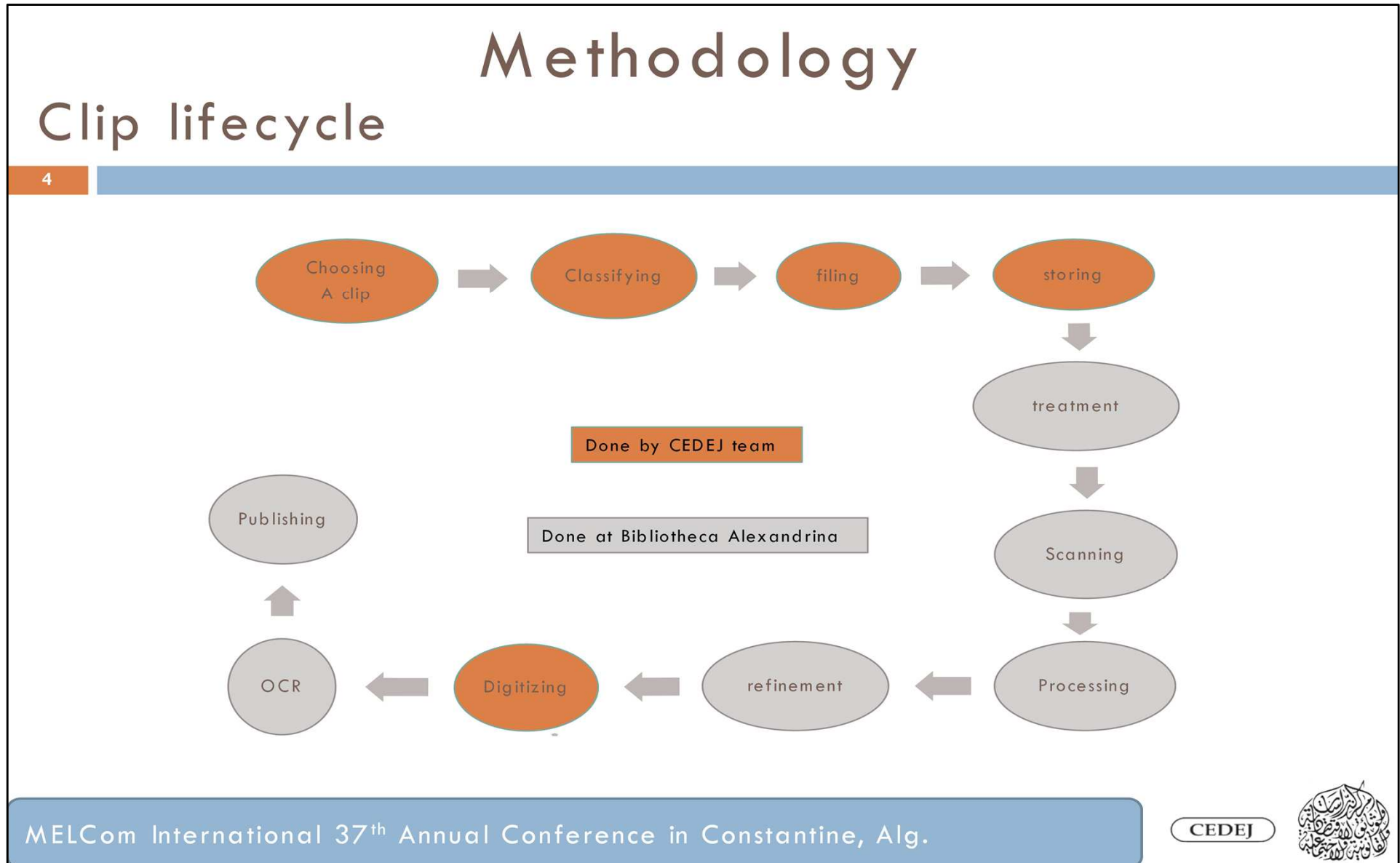
MELCom International 37th Annual Conference in Constantine, Alg.

CEDEJ



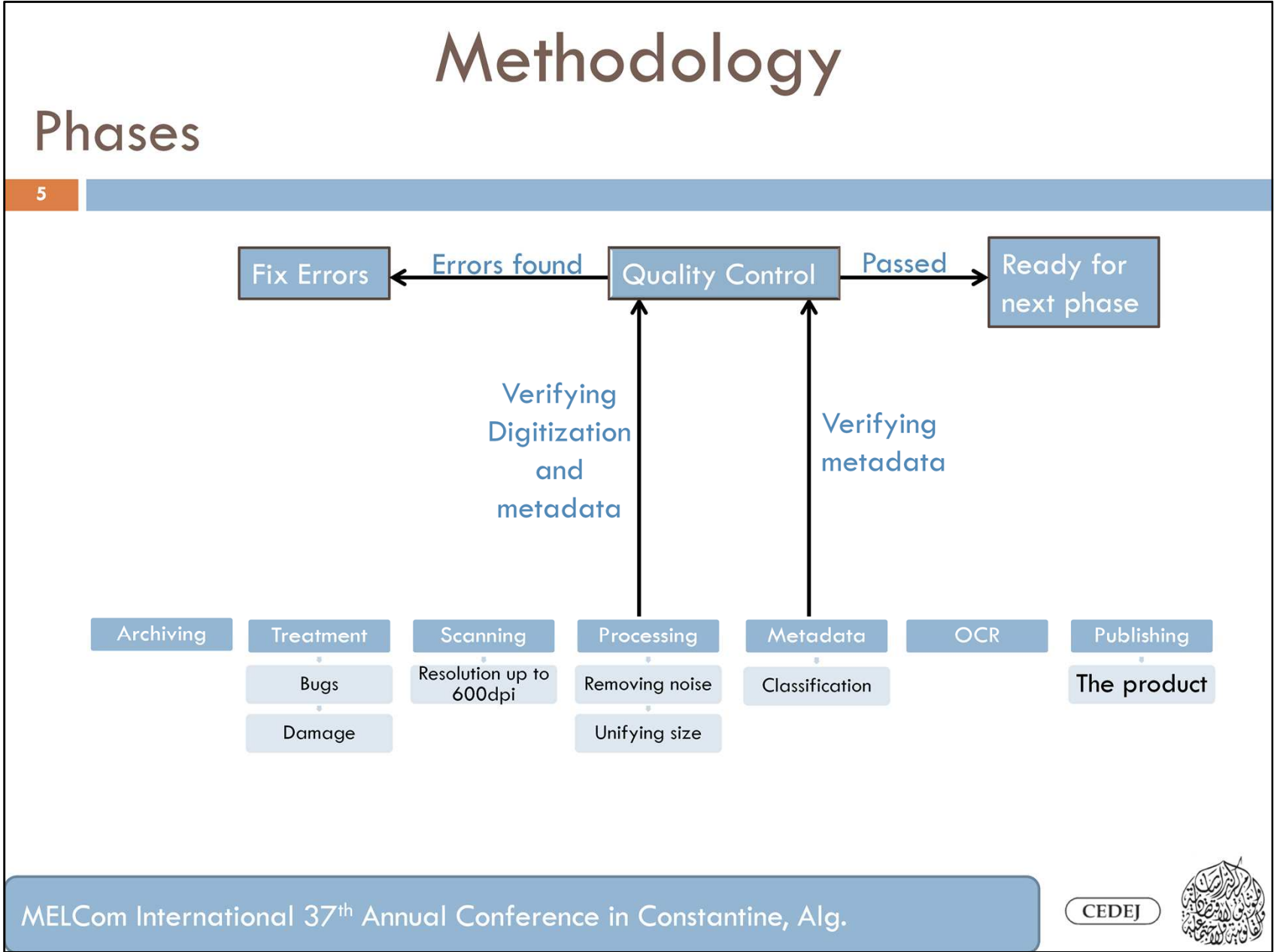
“**Press Archive of Cedej**” is a joint project between the Bibliotheca Alexandrina and CEDEJ (MAEDI-CNRS)*. Since the year 1976 until 2010, the CEDEJ formed a documentary collection of Egyptian press clips from Egyptian national newspapers and classified them into 15 thematic areas which are the core of this project. The project runs through several phases cooperatively implemented by two teams using the modern and efficient technical means of Bibliotheca Alexandrina in digitizing while CEDEJ proceeded to cataloguing and indexing archive.

Clip lifecycle consists of several phases; tasks are distributed between Cedej and Bibliotheca Alexandrina as shown in the figure below.

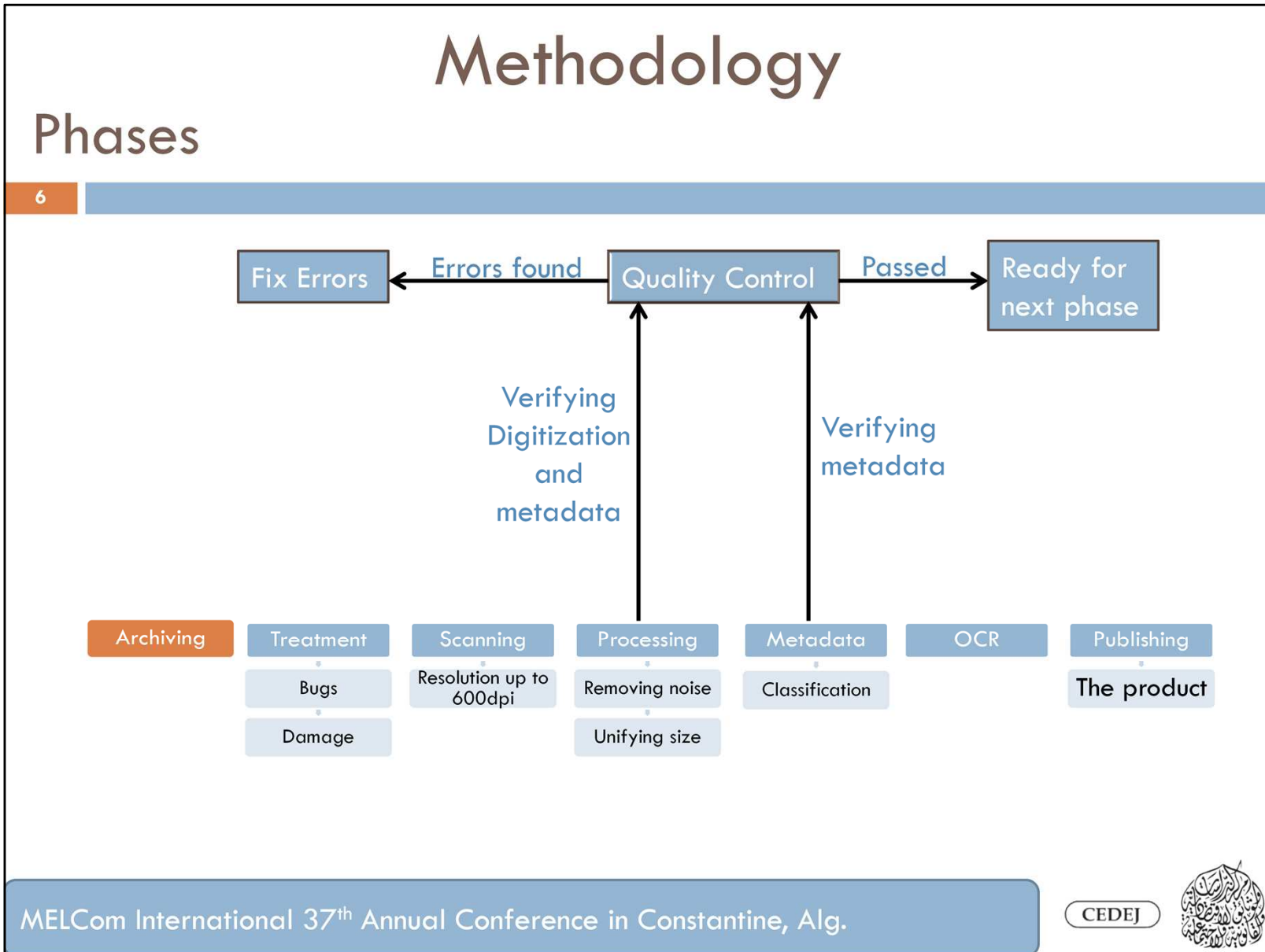


Phases of our project:

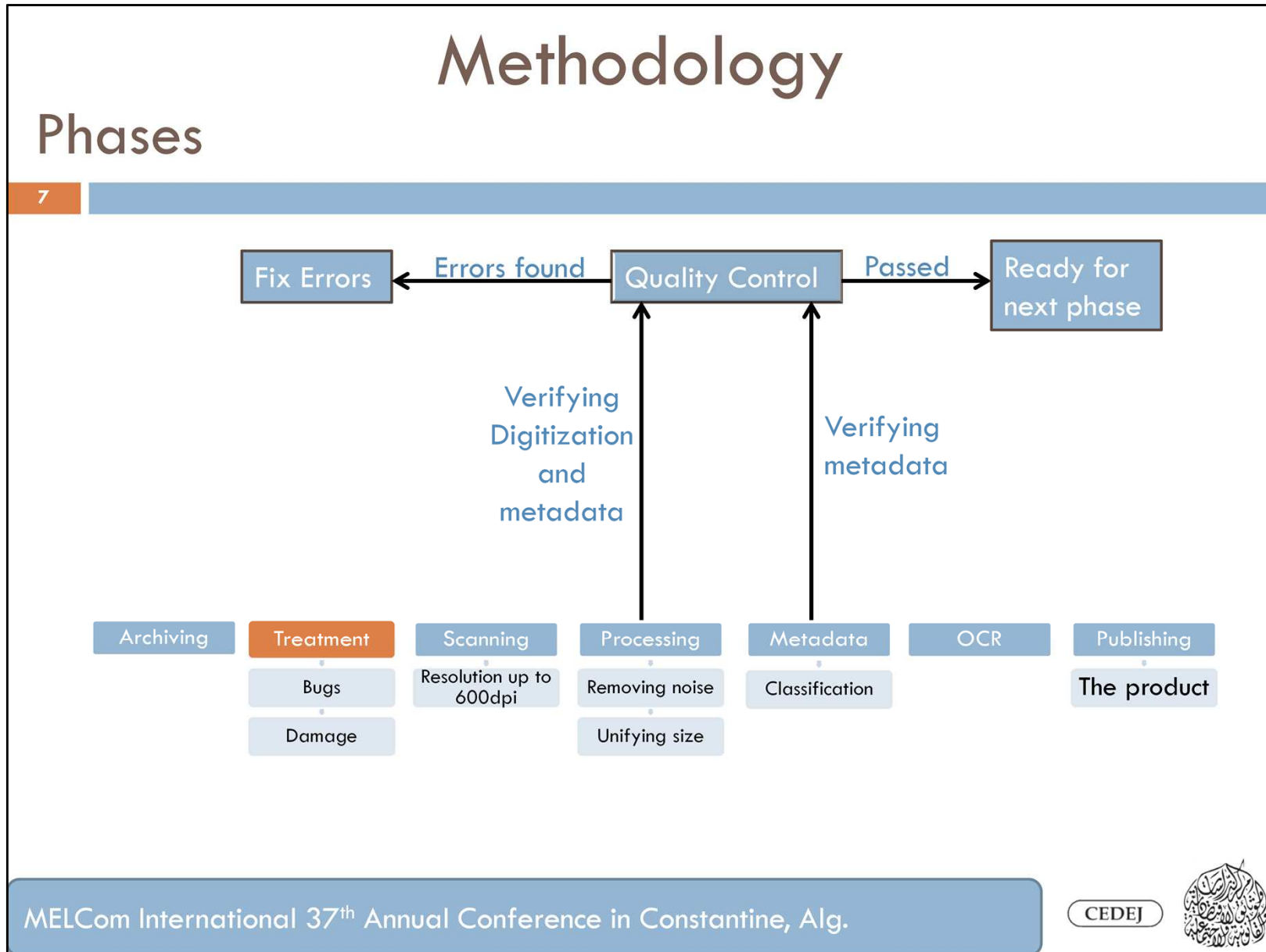
- Archiving
- Treatment
- Scanning
- Processing
- Digitizing
- Optical character recognition (OCR)
- Publishing



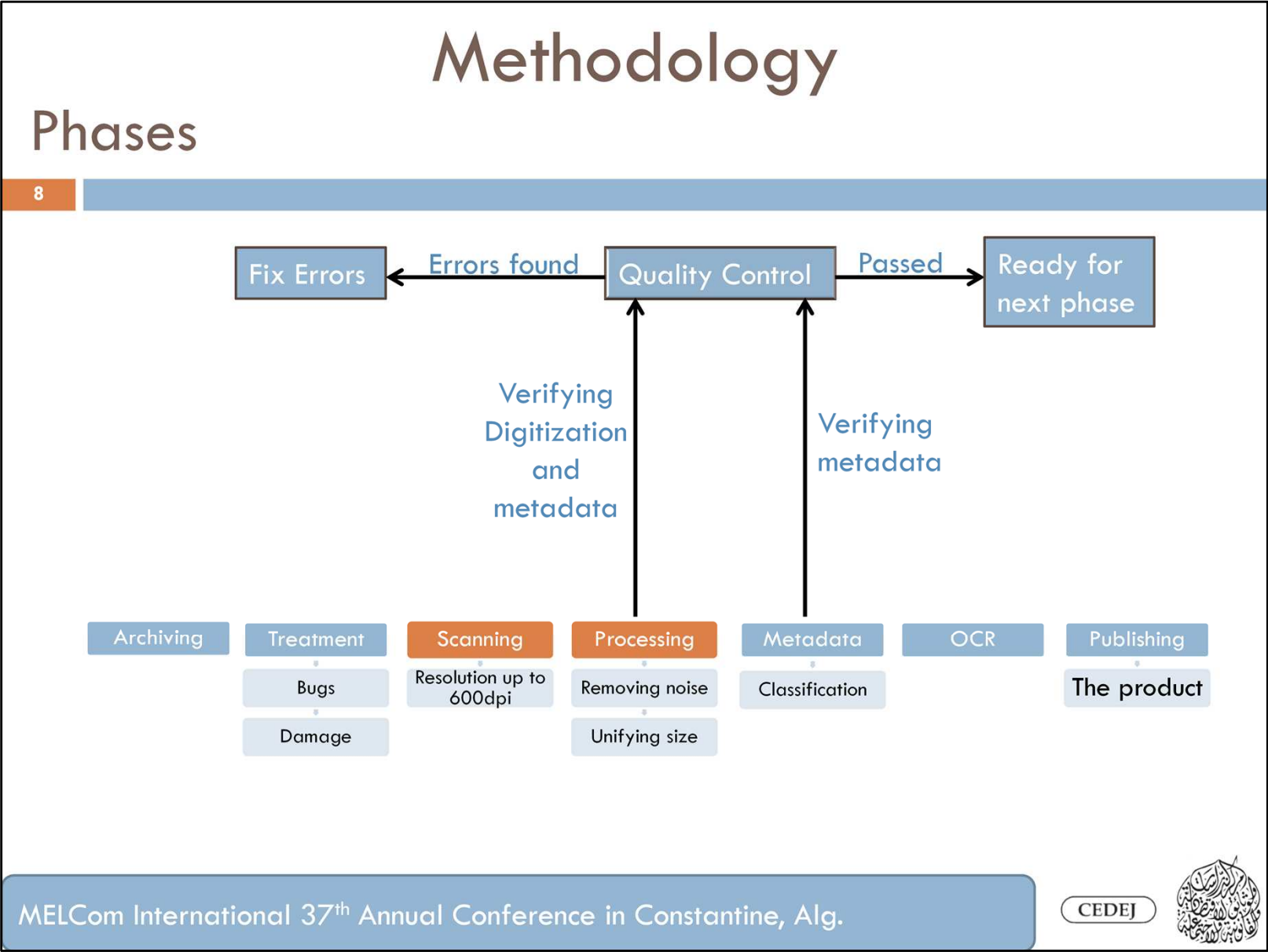
ARCHIVING: First our research centre collected more than 800,000 articles in Arabic, English and French on Egyptian political, cultural and economic life. Using our highly trained employees we classified and archived them according to their subjects.



TREATMENT: In this phase Bibliotheca Alexandrina treats the stored clips from bugs and discards damaged ones to be ready for scanning.



SCANNING & PROCESSING: Bibliotheca Alexandrina started scanning with high resolution up to 600dpi then they remove noise and unify sizes, after this phase Bibliotheca Alexandrina passes the ready clips to CEDEJ team to start next phase.



Digitizing

9



MELCom International 37th Annual Conference in Constantine, Alg.

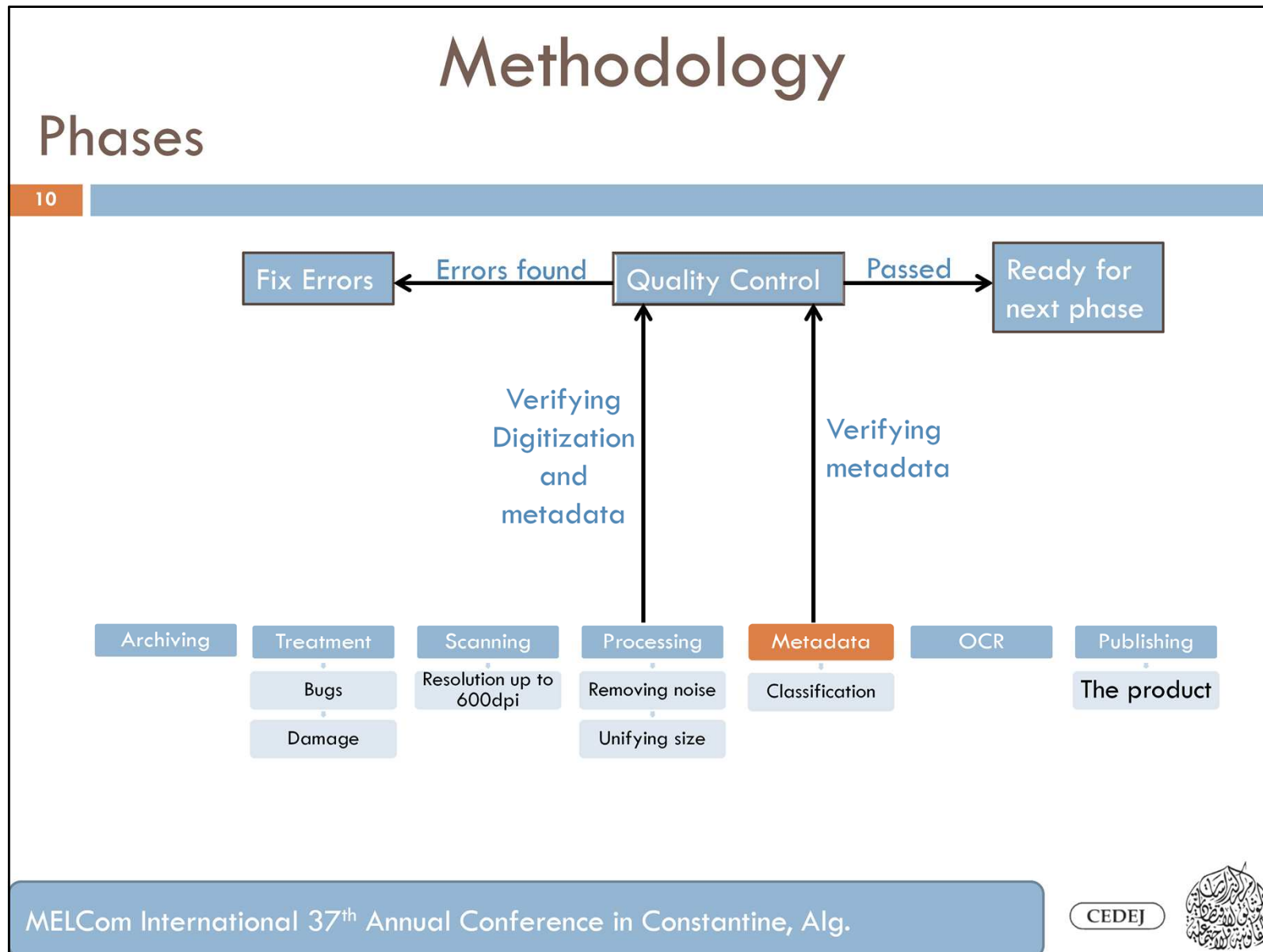
CEDEJ



Photos : the team of Bibliotheca Alexandrina working on scanning the clips

Each clip is article of press, a report or a catalog.

By using the backend application developed by Bibliotheca Alexandrina the CEDEJ team digitize the clips by entering all the metadata.



Metadata

Box 4 Folder S 13
 File اليهودية و اليهود SubFile 1984-01
 Document contains 1 Page(s).

Basic Information

Title *

Language

Subject *

Author

Author *
 Name

Organizations

Organization
 No Organizations are selected

Keywords

Keyword

Code	Description
P34	دور رعاية المسنين



Screenshot of the Backend Application
 Metadata entry form (part 1)

Here is a screenshot of the backend application that shows a scanned article of press and the fields that we filled with metadata :

- We copy the title from the article exactly as is
- the language in which the article is written
- we add the subject for classifying
- author: it may be one or more
- organization: this is not essential, we include it only if the article is about or is related to a specific organization.
- keywords: used to facilitate searching



Metadata (cont'd)

12

Archives de presse du CEDEJ
Mise en ligne par la Bibliothèque d'Alexandrie

Welcome M.Hafez | [Log Out]

Manage Lookups Manage Users Show Tracking Change Password

Box 05-05 Folder Q 18
File Politique culture SubFile N/A
Document contains 1 Page(s).

Publishers
Publisher * Filter Publishers List الإعراب

Countries
All Countries Filter Countries List: الكويت, الأردن, ليبيا, سوريا, العراق
Assigned Countries Filter Selected Countries: جمهورية مصر العربية

Persons
Person Filter Persons List محمد يزيد أبو حديد Add
No Persons are selected

Date * 12/5/1988
Type 05-05

Save Reset Finish



- publisher,
- countries, Persons : these are not mandatory fields just like organization only included when needed
- date in which the article is written,
- type: type of the clip “press, report, catalog” ...)

Screenshot of the Backend Application
Metadata entry form (part 2)

CEDEJ



BIBLIOTHECA ALEXANDRINA
مكتبة الإسكندرية
Tous droits réservés © Bibliotheca Alexandrina

Metadata (cont'd)

13



MELCom International 37th Annual Conference in Constantine, Alg.

CEDEJ



Photos : Data entry team

My role

14

- **leading and managing data entry team and quality control team at Cedej**
- **Detecting and reporting technical problems to Bibliotheca Alexandrina**

MELCom International 37th Annual Conference in Constantine, Alg.

Managing users (cont'd)

16

Archives de presse du CEDEJ
Mise en ligne par la Bibliothèque d'Alexandrie

Welcome A. Sohail | [Log Out](#)

[Manage Lookups](#) [Manage Users](#) [Show Tracking](#) [Change Password](#)

Search Any

		Name	Locked	SubFile
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	Admin		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	User		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	SuperUser	<input type="button" value="Release"/>	N/A
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	A. Sohail		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	D. Bilal	<input type="button" value="Release"/>	N/A
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	M. Hafez		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	SSayed		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	M. Ahmed	<input type="button" value="Release"/>	N/A
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	romar	<input type="button" value="Release"/>	N/A
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	nermin123		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	MEISamman		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	SafaaEmad	<input type="button" value="Release"/>	N/A
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	MGhoneim		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	MHassab		
<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	MAbdallah		

1234

BIBLIOTHECA ALEXANDRINA
مكتبة الإسكندرية
Tous droits réservés © Bibliotheca Alexandrina

Managing users
Screenshot

MELCom International 37th Annual Conference in Constantine, Alg.

CEDEJ



Tracking users

17

Welcome A. Sohail | [Log Out](#) |

Archives de presse du CEDEJ
Mise en ligne par la Bibliothèque d'Alexandrie

[Manage Lookups](#) | [Manage Users](#) | [Show Tracking](#) | [Change Password](#)

User: Action:

Box: Folder:


File: SubFile:

Date From: To:

User name	Action	Box	Folder	File	Subfile on action	Document on action	Time
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 5:54:20 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 5:54:24 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 5:59:59 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:00:01 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:00:33 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:03:58 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:04:18 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:04:43 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:08:44 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:08:45 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:10:06 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:10:17 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:12:19 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:13:41 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:13:42 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:17:26 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:18:24 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:18:40 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:21:53 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:21:54 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:22:22 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:27:37 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:29:33 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:30:15 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:35:50 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:35:52 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:17 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:34 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:35 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:36 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:37 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:36:38 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:39:01 AM
Esam Shaban	FINISH_SUPER	خدمات	L-15	L 58	مل ووصيات	N/A	4/23/2015 6:39:41 AM

Tracking users
Screenshot

MELCom International 37th Annual Conference in Constantine, Alg.

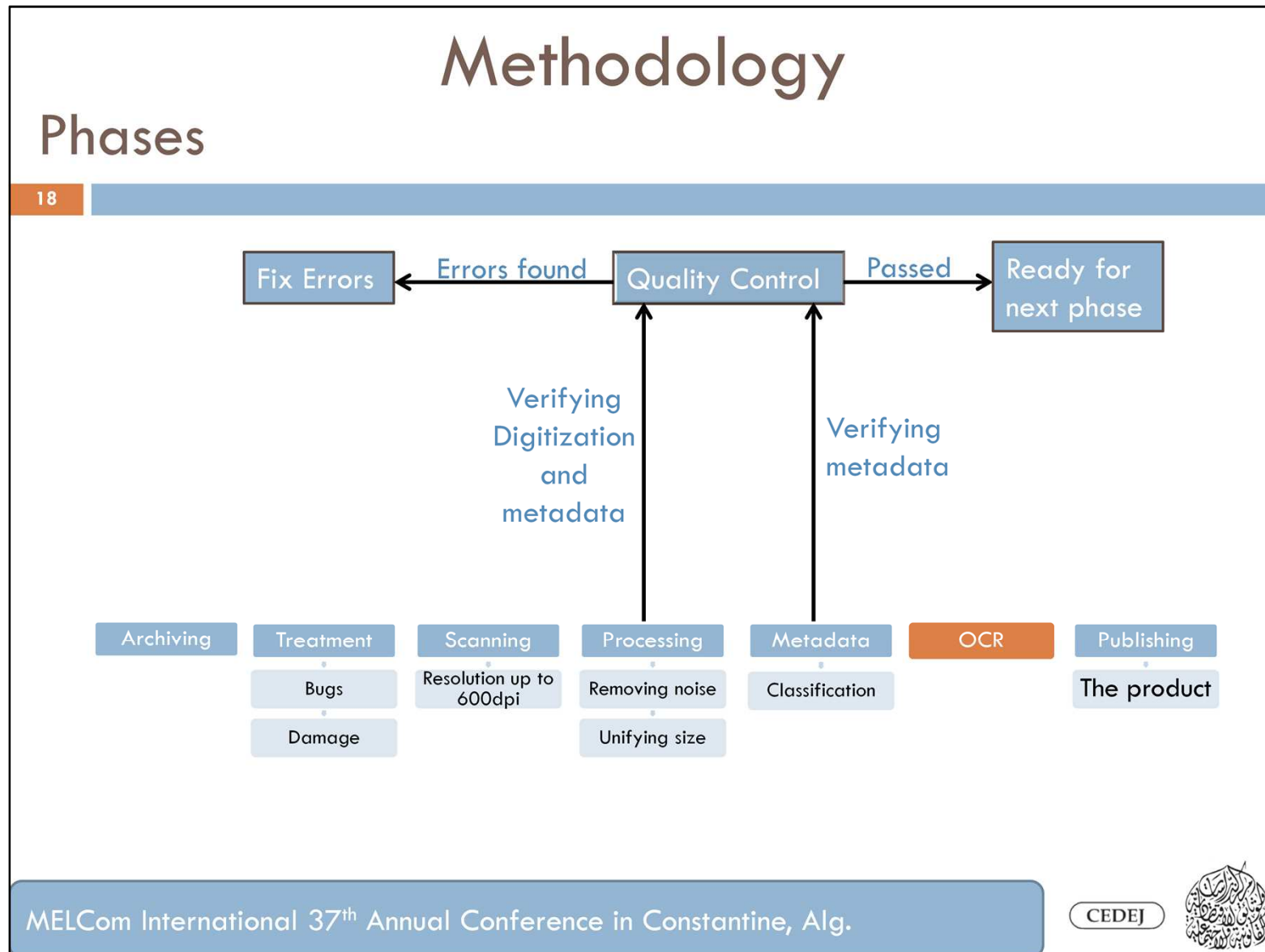
I also

- Track their work and generate reports

I talked to you about all the services that the backend application provided us with as team, now finished articles are transferred to quality control team to check the data entered and save them to be passed back to Bibliotheca Alexandrina to start the next phase.

Converting just scanned articles (photos) to make the text itself searchable was extremely important and valuable to include in our product.

Using the high technology available at Bibliotheca Alexandrina, their team can skilfully perform the operation.



OCR'ing: Converting just scanned articles (photos) to make the text itself searchable was extremely important and valuable to include in our product.

Using the high technology available at Bibliotheca Alexandrina, their team can skilfully perform the operation.

Optical Character Recognition

19

Converting just scanned articles (photos) to make the text itself searchable



The screenshot captures the frontend interface for users.
This is the main page of the website. It includes main keys for searching.

The product

21

عربي | English | Français Main | About us | Contact us

Archive de presse du **CEDEJ**

Mise en ligne par la Bibliothèque d'Alexandrie

Advanced Search

AuthorPublisherSubjectTimeline

Our Project



>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec porttitor odio sed eros vestibulum nec lobortis nibh imperdiet. Ut imperdiet ante id neque tincidunt eget imperdiet lorem varius. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec porttitor odio sed eros vestibulum nec lobortis nibh imperdiet. Ut imperdiet ante id neque tincidunt eget imperdiet lorem varius.

More Than

- 800000 Press Clips varied between news, articles and reports
- 60000 writers and reporters
- 200 Different subjects such as economic political, social life and others
- 500 Different Publishers

CEDEJ

The product

22

العربي | English | Français
Main | About us | Contact us

CEDEJ

Archive de presse du
Mise en ligne par la Bibliotheque d'Alexandrie

Advanced Search

Title	<input type="text"/>
Keyword	<input type="text"/>
Organization	Arab Labor Organization
Country	<ul style="list-style-type: none"> <li style="background-color: #ffffcc;">Arab Labor Organization Centre des Organisations Non-Gouvernementales (ONG) Euromoney International organization Food and Agriculture Organization International Labor Organization International Organization for Migration L'Agence Centrale pour l'Organisation et l'Administration L'Organisation Arabe de Développement Administratif L'Organisation Arabe de Développement Industriel L'Organisation Arabe de Développement Industriel et des Mines
Subject	
Author	
Publisher	
Language	
Type	-- Select Type --
Date	<input type="text"/>

CEDEJ

Archive de presse du
Mise en ligne par la Bibliotheque d'Alexandrie

العربي | English | Français
Main | About us | Contact us

CEDEJ

Archive de presse du
Mise en ligne par la Bibliotheque d'Alexandrie

العربية الفلسطينية
Advanced Search

Timeline
Subject
Publisher
Author

Showing 1-5 of about 31 results

العربية الفلسطينية x

Search Results

لكيلانسي ملف القضية الفلسطينية

18 May 1987 سياسة خارجية حافظ محمود الجمهورية

القضية الفلسطينية هي محور السياسة الخارجية المصرية

18 Jun 1989 سياسة خارجية عبد الحواد طي الواد

لاتطور في الموقف الامريكى من القضية الفلسطينية

3 Jan 1988 سياسة خارجية وحيد عبد المجيد صوت العرب

أمريكا عزفته عن حل القضية الفلسطينية

20 Jan 1986 سياسة خارجية ديم الاحرار

مبارك يساند القضية الفلسطينية بموضوعية

6 ايلول 1987 سياسة خارجية ابراهيم يونس الاحرار

1 2 3 4 5 Next Last

Related By

Author

- Husein Ghanem (147)
- Bishop Mousa (123)
- Hasan Abd al-Moneem (81)
- Farouk Abd al-Megid (77)
- Rawya Abd al-Bary (57)

Publisher

- Al-Ahram (3848)
- Al-Wafd (1983)
- Al-Gomhoreya (1514)
- Al-Ahrrar (1400)
- Al-Akhbar (1205)

Subject

- Health (3482)
- Society (2231)
- Culture (2124)
- Geography (2020)
- Foreign policy (1734)

Timeline

- 1996 (2277)
- 2000 (1968)
- 1998 (1943)
- 2001 (1629)
- 2007 (1127)

Searching by author screenshot

The product

23

The screenshot shows the CEDEJ website interface. At the top, there are language options (Arabic, English, Français) and navigation links (Main, About us, Contact us). The main header features the CEDEJ logo and the text 'Archive de presse du CEDEJ' and 'Mise en ligne par la Bibliothèque d'Alexandrie'. A search bar is present with a dropdown menu set to 'Title' and an 'Advanced Search' button. Below the search bar, there are filters for 'Timeline', 'Subject', 'Publisher', and 'Author'. The 'List of Authors' section is active, displaying a grid of author names under the letter 'D'. The authors are listed in three columns.

Arabic | English | Français Main | About us | Contact us

Archive de presse du **CEDEJ**
Mise en ligne par la Bibliothèque d'Alexandrie

Title [v] Advanced Search

Timeline Subject Publisher Author

List of Authors

A B C D E F G H I J K L M N O P R S T V W Y Z > - <

D

Dahy Othman	Dalal al-Atawy	Dalal al-Bezry
Dalia al-Dib	Dalia Gamal	Dalia Helal
Dalia Othman	Dalia Taha	Dandrawy al-Hawary
Daoud Hasan	Darwish al-Assiouty	DAVID BUTTER
Dayana al-Dabaa	Desouky Emara	Dina Abd al Fattah
Dina al-Huseiny	Dina Shafik	Dina Tawfik
Diyaa Abd al Hamid	Diyaa Abo Ismail	Diyaa al-Din Daoud
Diyaa al-Haddad	Diyaa Rashwan	Doaa Abd al-Fattah
Doaa Abd al-Moneem	Doaa Abo Saada	Doaa Adel
Doaa Fathy	Doaa kabsh	Doaa Karny
Doaa Zakarya	Donya Tawfik	Doreya Shafik

MELCom International 37th Annual Conference in Constantine, Alg.



Timeline search

The product

24

عربي | English | Français [Main](#) | [About us](#) | [Contact us](#)

Archive de presse du **CEDEJ** Title Advanced Search
Mise en ligne par la Bibliothèque d'Alexandrie [Timeline](#) | [Subject](#) | [Publisher](#) | [Author](#)

Timeline

4996 (3)	4994 (2)	2997 (1)	2201 (1)
2013 (12)	2009 (192)	2008 (747)	2007 (1125)
2006 (96)	2005 (75)	2004 (168)	2003 (255)
2002 (18)	2001 (1629)	2000 (1968)	1999 (1055)
1998 (1943)	1997 (520)	1996 (2277)	1995 (716)

1 2 Next Last

CEDEJ | BIBLIOTHECA ALEXANDRINA
مكتبة الإسكندرية

MELCom International 37th Annual Conference in Constantine, Alg.

Questions and Answers

25

Thank you

MELCom International 37th Annual Conference in Constantine, Alg.

CEDEJ

