

OAI Sistema – verso un portale OAI per gli studi sul Mediterraneo Antico

Claudio Barchesi,

Istituto di Studi sulle Civiltà
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ROMA - Italy



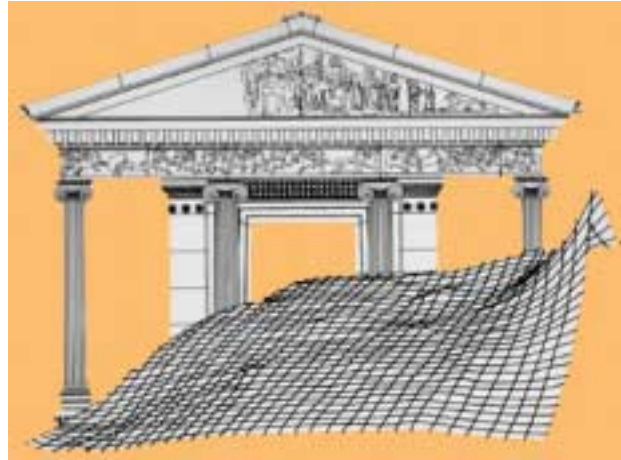
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sulle Civiltà Italiche
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Archeologia e Calcolatori Journal



Italian National Research Council (CNR)

Istituto di Studi sulle Civiltà Italiche e del Mediterraneo Antico

University of Siena

Dipartimento di Archeologia e Storia delle Arti

Journal established by: M. Cristofani and R. Francovich in 1990

Editor: Paola Moscati

<http://soi.cnr.it/archcalc>

OAI-PMH

- **Open Archive Initiative** (Protocol for Metadata Harvesting)

Origin of OAI

- **Herbert van de Sompel: The Santa Fe Convention of the Open Archives Initiative.**
in *D-Lib Magazine*, February 2000, Volume 6 Number 2
<http://www.dlib.org/dlib/february00/vandesompel-oai/02vandesompel-oai.html>

The basis of OAI-PMH

- OAI concepts
 - Data Provider
 - Service Provider
- OAI technologies
 - HTTP
 - XML
 - Unqualified Dublin Core for metadata

The Static Repository / Static Repository Gateway model

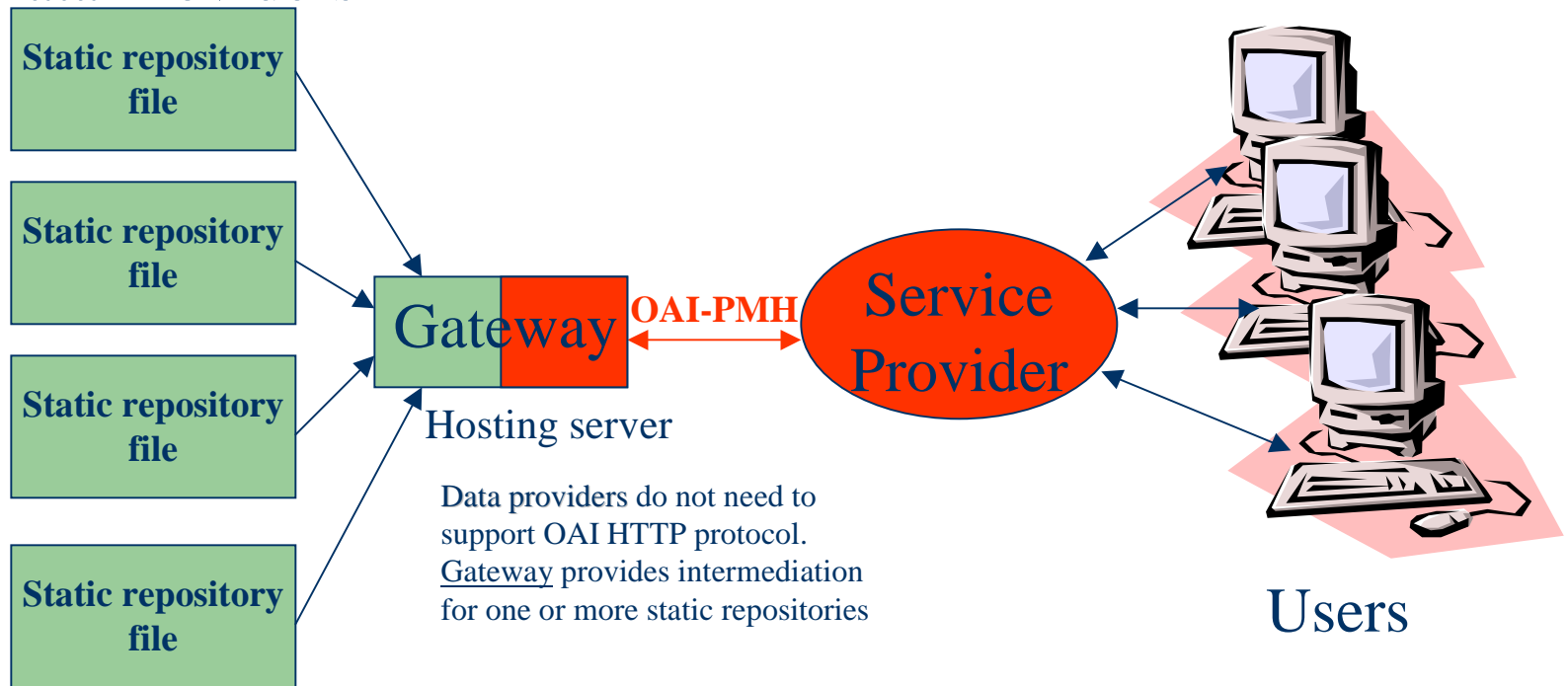
- *The OAI-PMH Static Repository and Static Repository Gateway -*
Patrick Hochstenbach, Henry Jerez, Herbert Van de Sompel
<http://lib-www.lanl.gov/~herbertv/papers/jcdl2003-submitted-draft.pdf>

..now an OAI guideline

- **Implementation Guidelines for the Open Archives Initiative Protocol for Metadata Harvesting –**
Specification for an OAI Static Repository and an OAI Static Repository Gateway
Protocol Version 2.0 of 2002-06-14
Document Version 2004/04/23T15:17:00Z
<http://www.openarchives.org/OAI/2.0/guidelines-static-repository.htm>

OAI-PMH static rep./gateway model

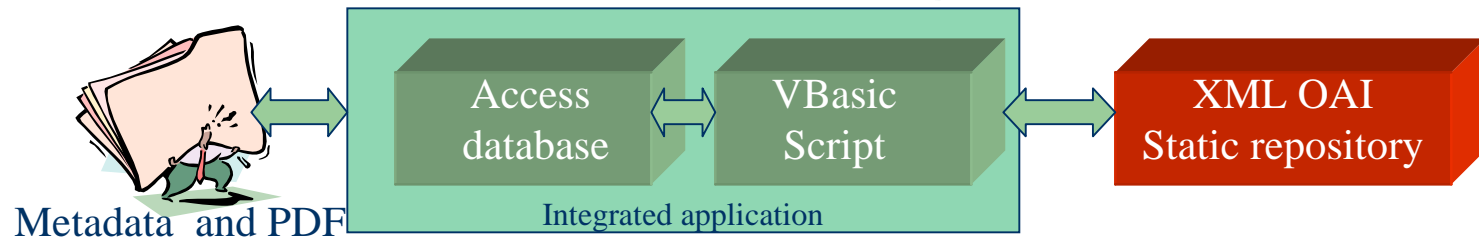
Data Providers



OAISis – Block diagram



OAISis – Block diagram



id 8

Titolo

Les systèmes d'information en archéologie

- Djindjian, F.

Contenuto in **A cura di** **Editore** **Anno**

Archeologia e Calcolatori n. IV - 1993 Edizioni All'insegna del 1993

Documenti associati **Naz. Autore** FR

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URL

Descrizione

Consiste in:

pg. 9-26
The development of computer applications in archaeology involves a complex trend in order to define, before undertaking any implementation, a conceptual framework of computable functions, archaeological objects and data models. This conceptual framework allows the definition of a global information system, well adapted to the various archaeological problems. After that definition, it is easier to develop a long-term and evolving software architecture, integrating the best packages of the market.

Lingua FR **ISBN** 88-7814-072-4 **Posizione:**

Indice degli autori

numero	autore
8	Djindjian, F.
*	8

Record: 1

Soggettario Principale

History of applications and research problems

Soggettario Secondario

Methodological problems

Contesto topografico

Contesto cronologico



Trova e modifica record: seleziona un campo e premi il tasto



C. Barchesi 2005 ISCIMA

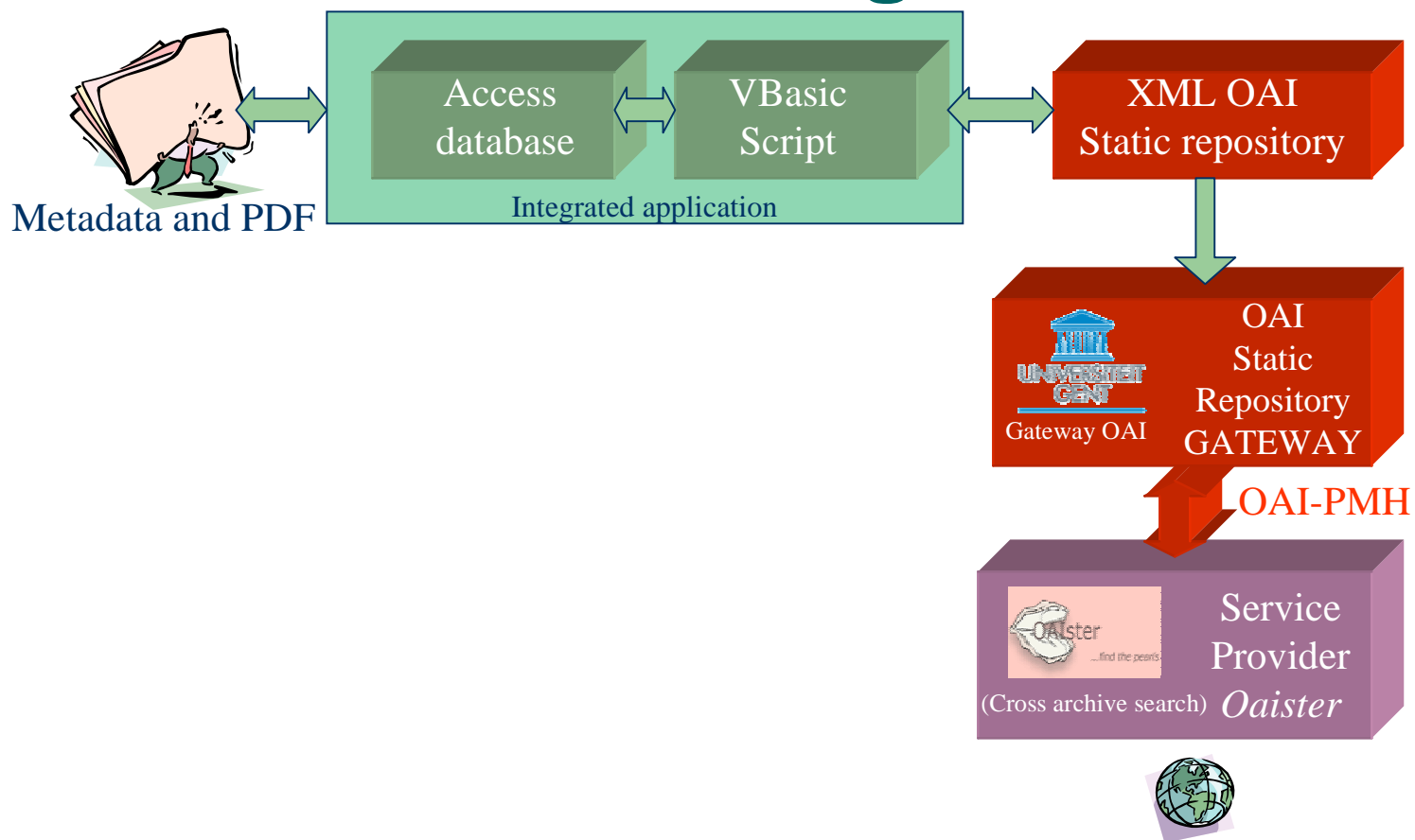
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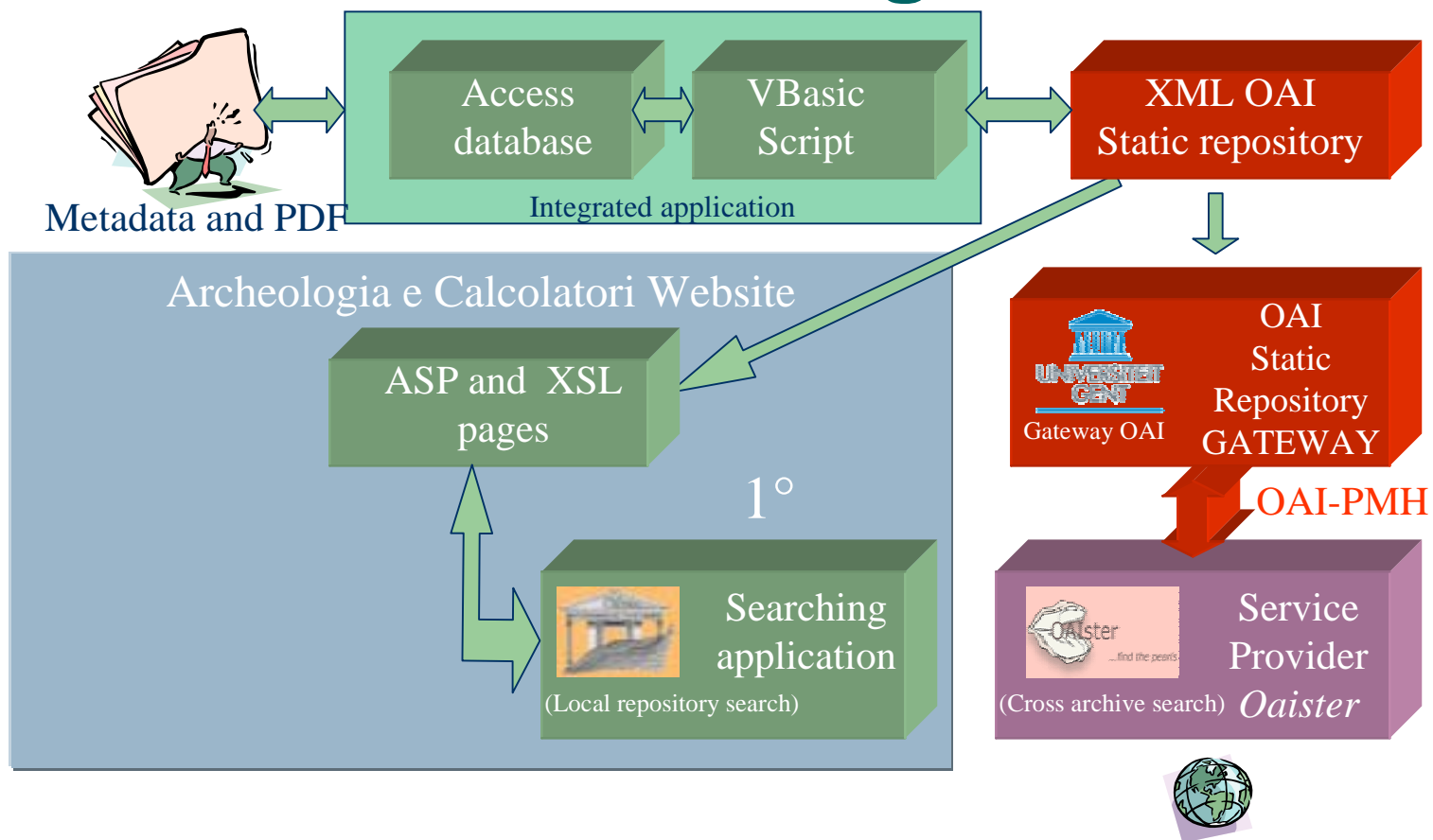
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  <dc:creator>Djindjian, F.</dc:creator>
  <dc:subject>History of applications and research problems</dc:subject>
  <dc:subject>Methodological problems</dc:subject>
  <dc:description>The author analyses new methodological trends in the nineties, concerning the evolution of

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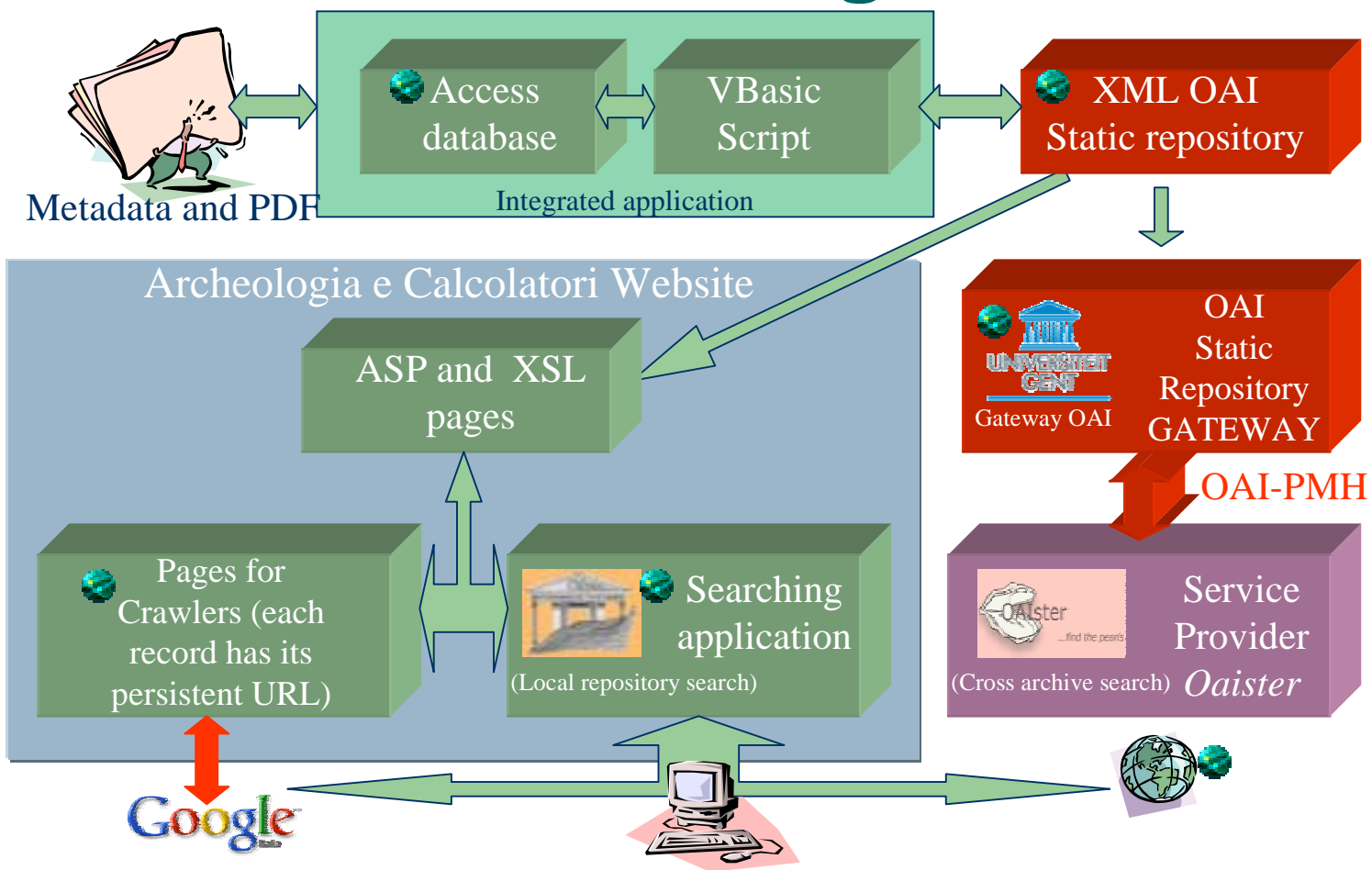
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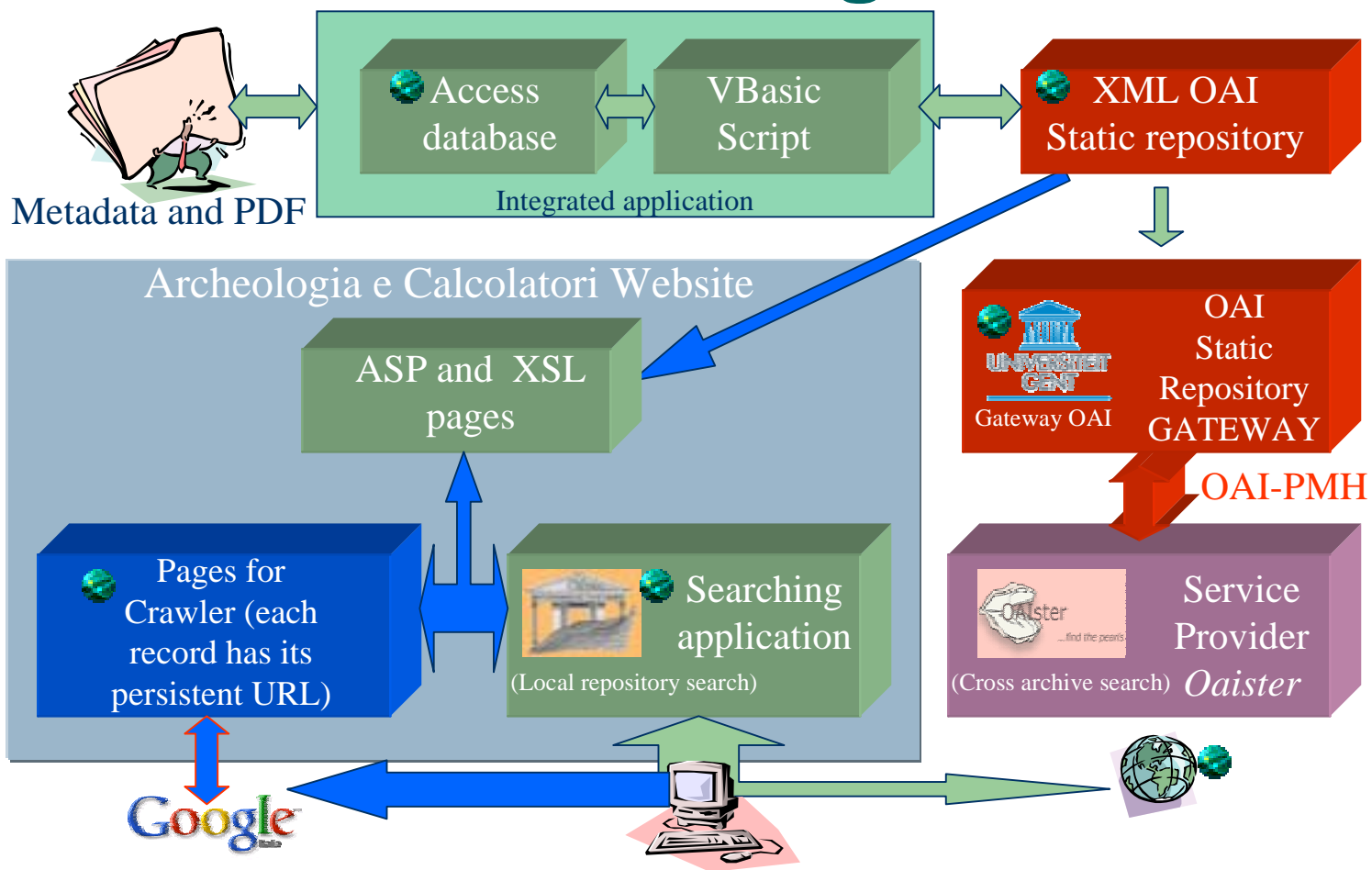
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Editor: Paola Moscati

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Title	<i>GIS usage in worldwide archaeology</i>		
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URL	http://soi.cnr.it/archcalc/indice/PDF9/09_03_Djindjian.pdf		
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Date	1998-01-01		
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Subject	Methodological problems		
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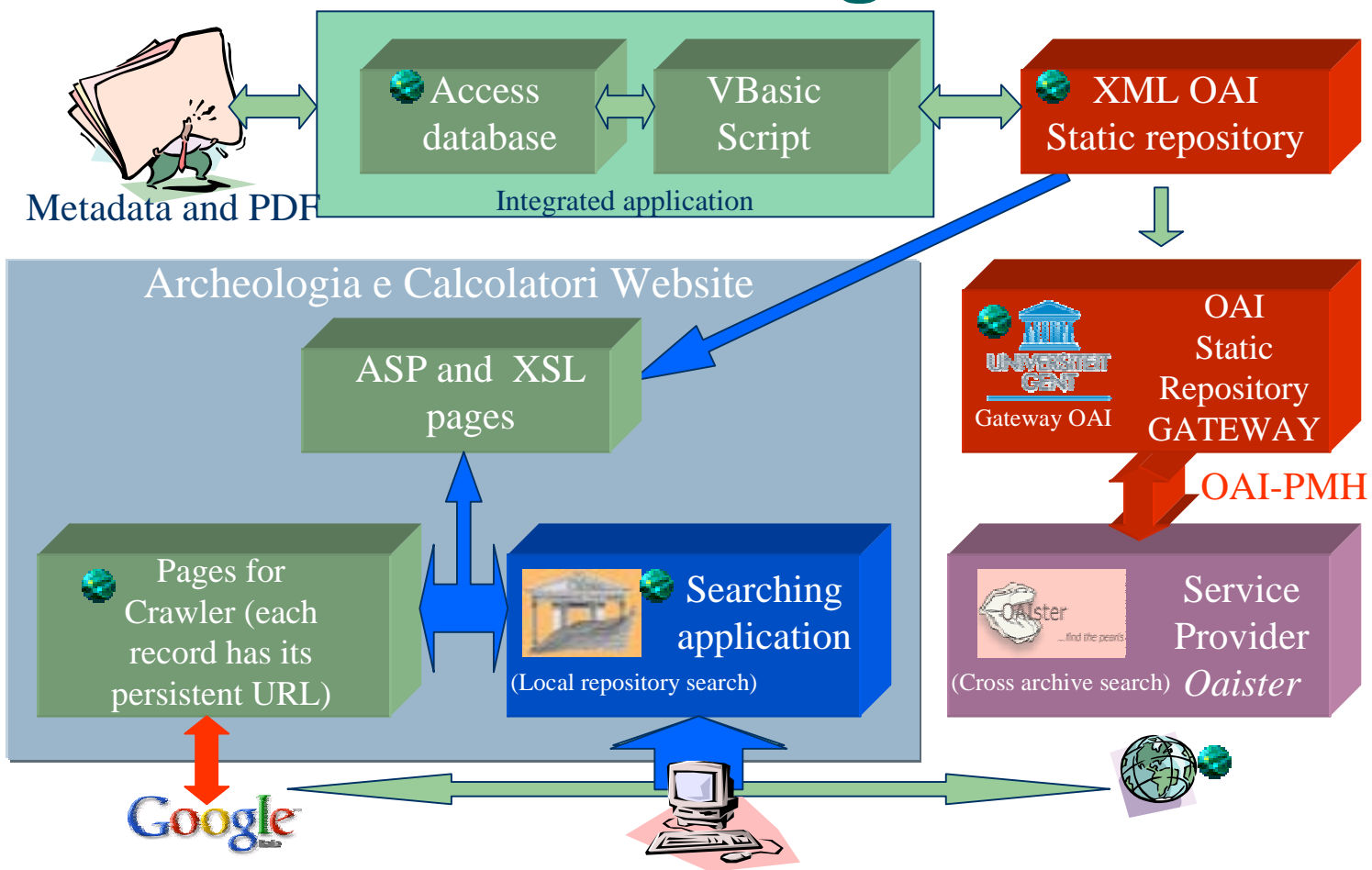
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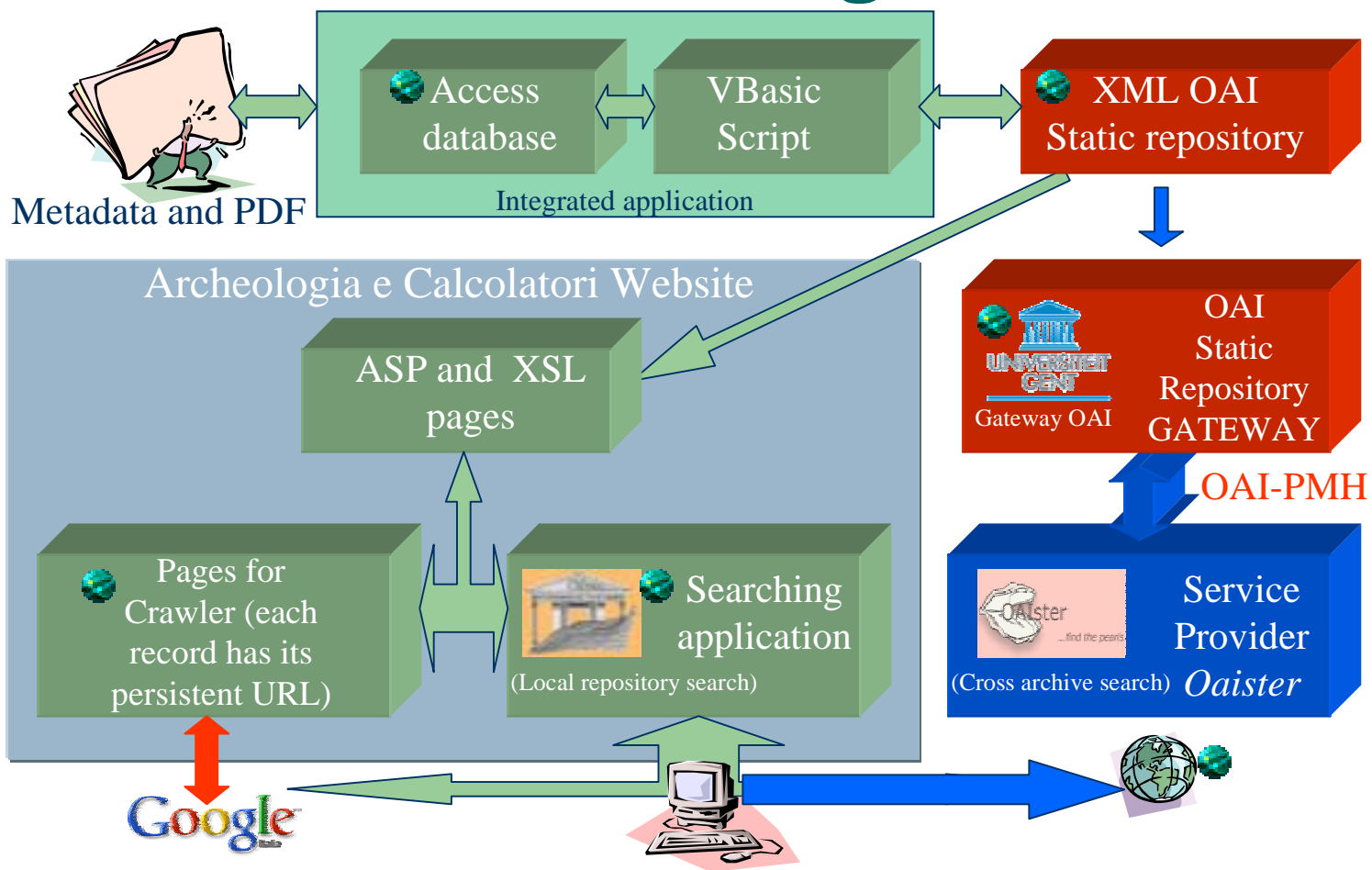
Adamo, G.
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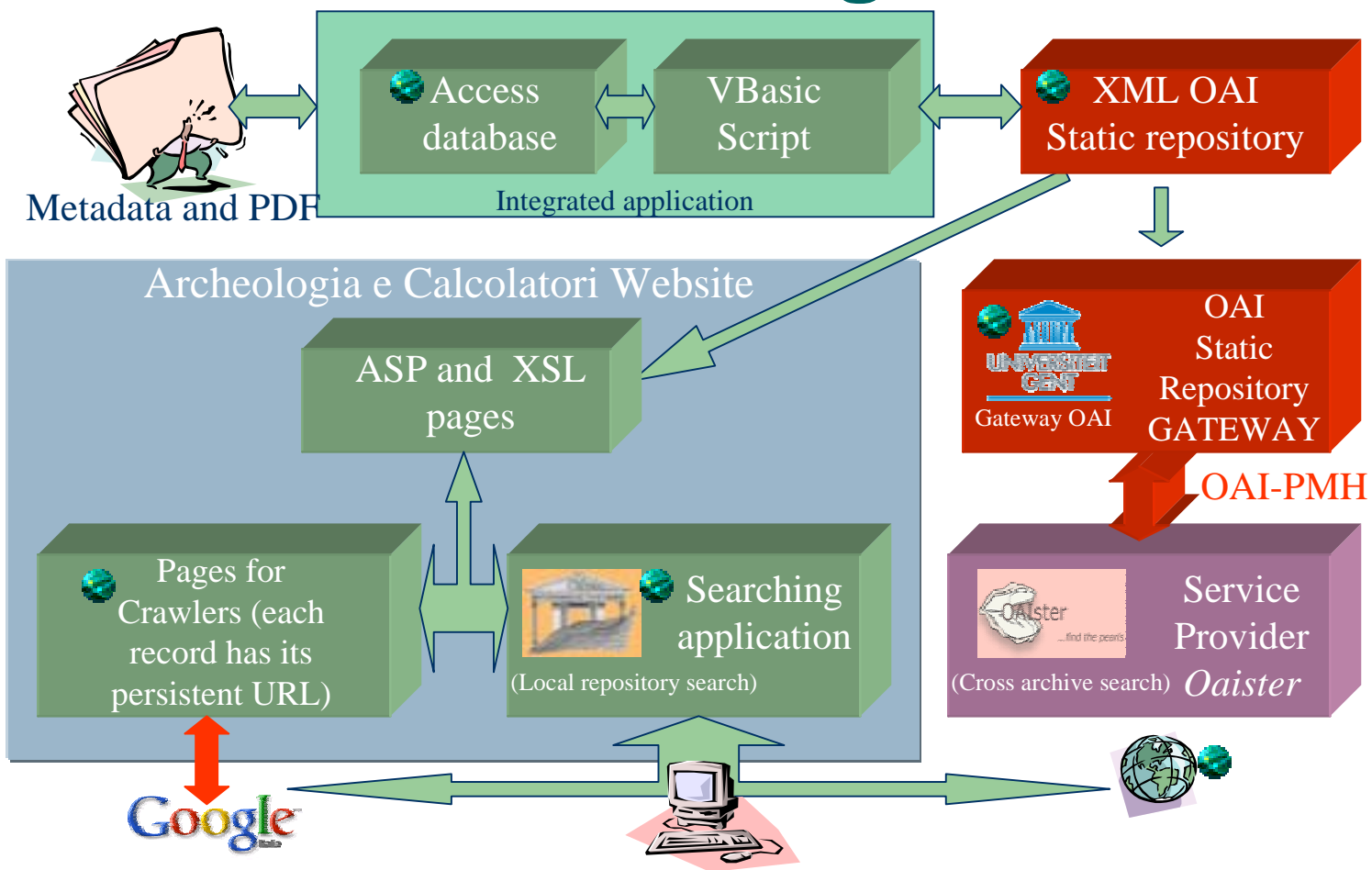


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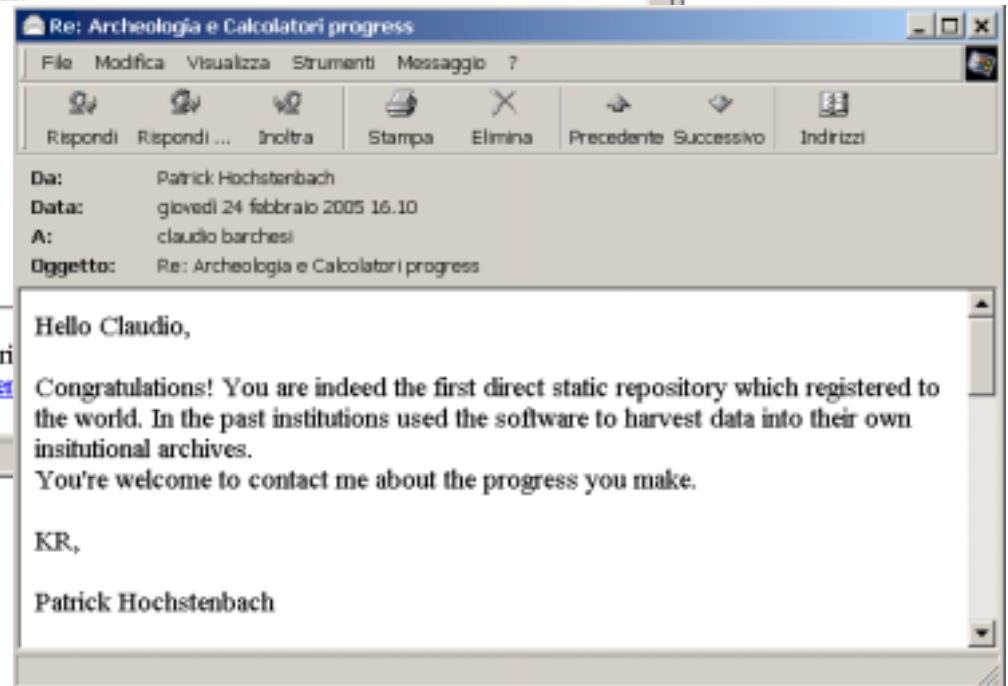
OAISis – Block diagram



Future targets

- Parameterisation of software
- Development of a proprietary gateway
- Open up an OAI gateway for static repository of cultural heritage institutions
- Sharing our experience with other OAI implementers

A very new approach.....



Acknowledgements

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- **Paola Moscati**, head of the Archaeological Computing Department of ISCIMA-CNR for the basic idea and her support of this project
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