



PUMA

(PUBlication MAnagement)

Una infrastruttura software per la gestione della biblioteca digitale delle pubblicazioni dei ricercatori dell'ISTI e dell'IFC

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Silvia Giannini e Giuseppe Romano
ISTI-CNR



PUMA: una infrastruttura software per la gestione della biblioteca digitale delle pubblicazioni dei ricercatori dell'ISTI e dell'IFC

- Idea
- Scopo
- Realizzazione
- Esempi

PUMA: l'idea

- nasce dall'esigenza di integrare sistemi diversi che gestiscono differenti tipologie di documenti
 - ETRDL (TR, pre-print, project report...) ad accesso aperto via web
 - PUMA-DL (lavori pubblicati) ad accesso intranet e controllato
 - LIBERO web opac: catalogo dei lavori pubblicati e non
 - MOC-P: Meta Opac CNR delle pubblicazioni (per la gestione del repertorio bibliografico)

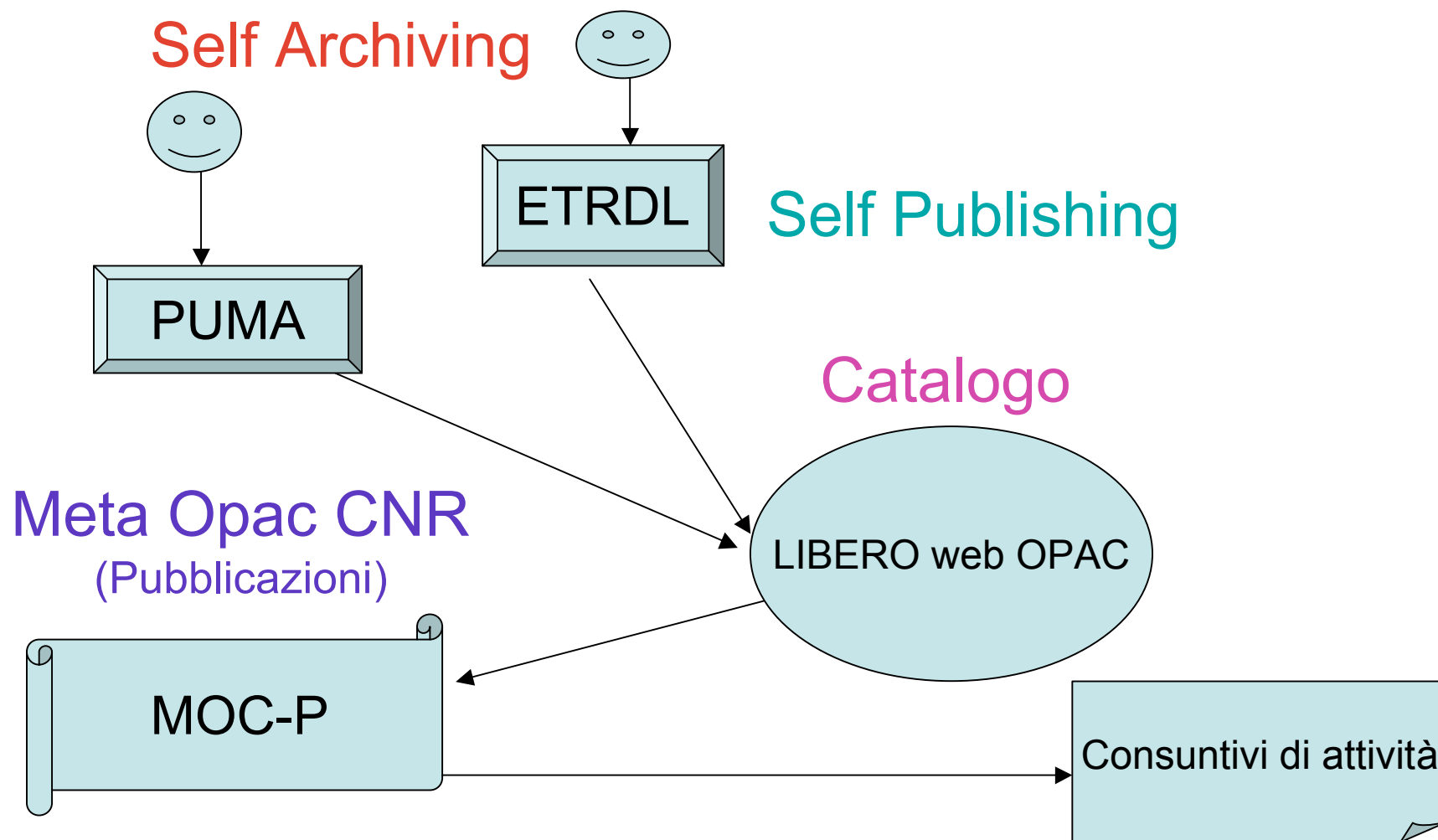
PUMA: lo scopo

- realizzare un ciclo gestionale completo dell'informazione: dall'inserimento dei metadati e del documento digitale alla restituzione all'utente
- rendere accessibile via web, a livelli diversi e secondo viste diverse l'informazione prodotta
- creare servizi differenti sugli stessi oggetti

PUMA: il procedimento

- Archiviare il full text elettronico e i metadati dei lavori pubblicati e non
- Creare il catalogo delle pubblicazioni
- Rendere disponibile il repertorio bibliografico
 - Singolarmente o inserito in contesti più ampi

PUMA: il modello





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*"... Considerate la vostra semenza:
fatti non foste a viver come bruti,
ma per seguir virtute e canoscenza"
(Dante Alighieri, Inferno - Divina Commedia)*

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Bibliographic record

Title:	A Comparison-Based Diagnosis Algorithm Tolerating Comparator.
Author(s):	Sallay, Balazs and Maestrini, Piero and Santi, Paolo
Submission contact	<p>e-mail: maestrini@iei.pi.cnr.it</p> <p>Tel.:</p>
Subject(s):	<p>Free Keywords: Algorithms, Design, Reliability</p> <p>Computing Classification System (ACM) B.7.m Miscellaneous B.8.1 Reliability, Testing, and Mathematics Subject Classification (MS)</p>
Publisher:	CNR - Istituto di Elaborazione della In
Abstract:	<p>English: A promising application of syst testing of VLSI chips during th comparison-based diagnosis is e to implement on the wafer than existing comparison models esse invalidation due to the physica</p> <p>Other language: >>> Click and choose <<<</p>

The ACM Computing Classification System (1998)

B.8 PERFORMANCE AND RELIABILITY NEW!

- B.8.0 General NEW!
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cnr.isti/2002-A0-57
 Integrated Performance Models for SPMD Appli
 Cremonesi, Paolo:Gennaro, Claudio
 2002-12-22

cnr.isti/2003-A0-06
 UML-based Performance Analysis Techniques Ap
 Basanieri, Francesca:Bertolino, Antonia:Marc
 2003-12-31

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 Performance Evaluation of Atmospheric Densit
 Pardini, Carmen:Anselmo, Luciano
 2003-12-31

cnr.isti/2003-A2-13
 Toward Component Based Software Performance
 Bertolino, Antonia:Mirandola, Raffaella
 2003-12-31

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 Cignoni, P.:Ganovelli, F.:Gobbetti, E.:Mart
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 The ASSIST High Performance Programming Envi
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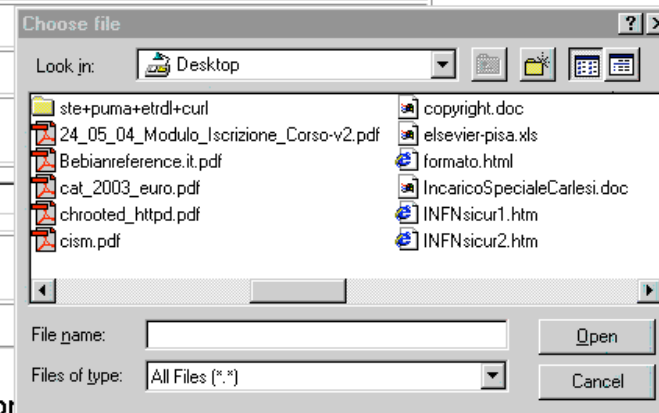
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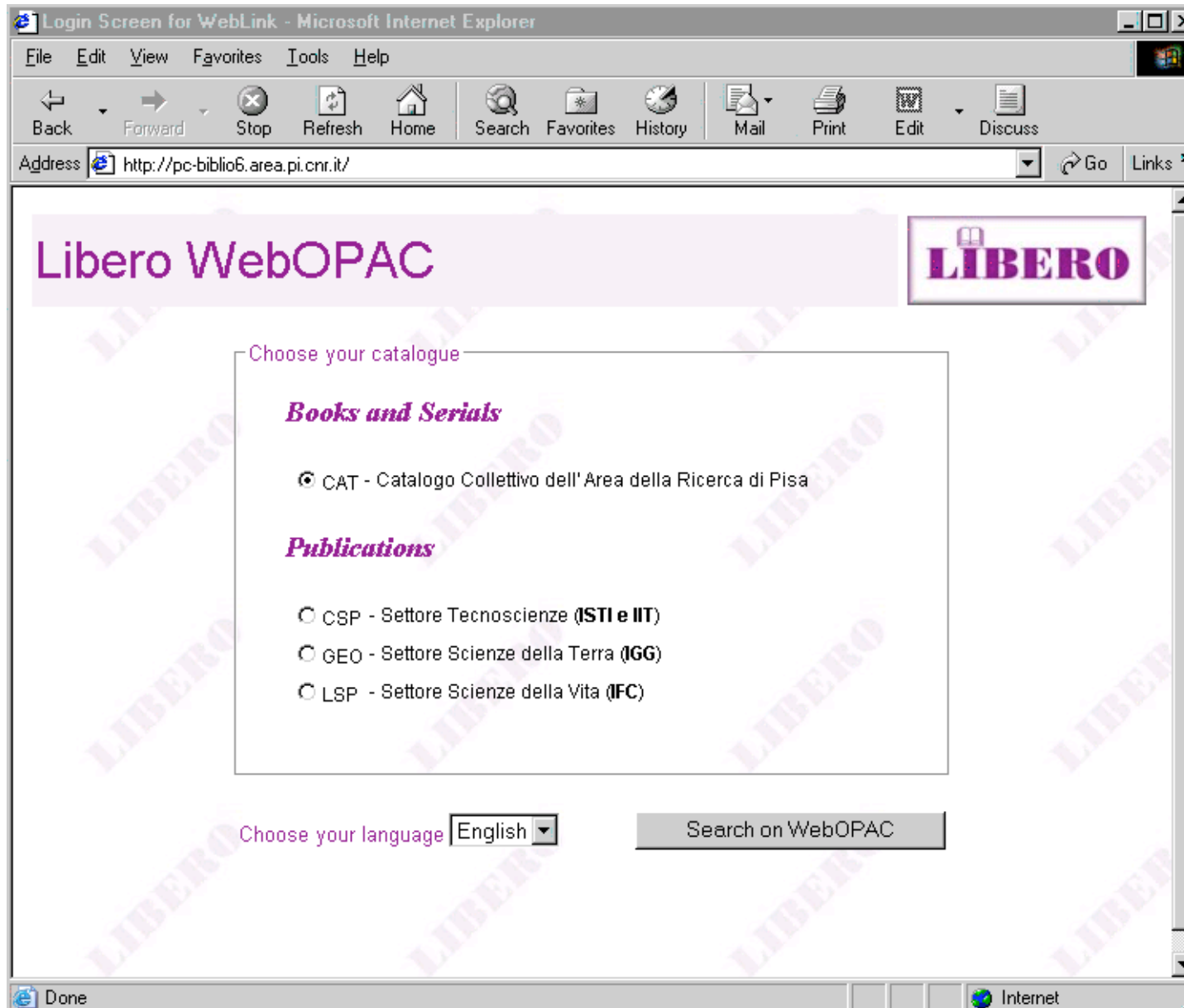
Journal title:	TRANSACTIONS OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SP
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Volume:	46
Issue:	151
Page numbers (of article):	42-46
Name of Publisher:	JSASS
Year of publication:	2003



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Back Title A System for Building Expandable Digital Libraries

Simple Search Publication 2003

Advanced Search Notes Joint ACM-IEEE Conference on Digital Libraries (Houston, Texas, May 2003). Proceedings, p. 335-345. Catherine C. Marshall, Geneva Henry and Lois Delcambre (eds.), IEEE, 2003.

Journal Search Abstract Expandability is one of the main requirements of future digital libraries. This paper introduces a digital library service system, OpenDLib, that has been designed to be highly expandable in terms of content, services and usage. The paper illustrates the mechanisms that enable expandability and discusses their impact on the development of the system architecture.

Expert Search Subjects Digital Libraries

New Items List ACM Classification H.3.7

Member Services Author Castelli D.

Help Author Pagano P.

Select Catalogue Call Number ISTI-A2-53

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Journal papers

1. Caruso A., Chessa S., Maestrini P. - [Structures](#). In: Theoretical Computer Science, Elsevier, 2003.

Conference papers

1. Caruso A., Albini L., Maestrini P. - [Interconnected Structures](#). First Brazilian Conference on Dependable Systems and Applications, October 2003. Proceedings, p. 263-281. Rogerio de Lemos et al. (Eds.), Springer, 2003.
2. Chessa S., Maestrini P. - [Dependable Systems and Applications](#). In: [Dependable Systems and Applications](#). Conference on Dependable Systems and Applications, June 2003.



Publications

Bibliographic record ISTI-A0-22

Title: Fault Diagnosis of Grid Structures

Author/s: [Caruso A.](#); [Chessa S.](#); [Maestrini P.](#); [Santi P.](#);

Year of publication: 2003

Classificazione ACM: [C.1.4](#); [D.4.5](#);

Subject/s:

1. [Parallel Architectures](#)
2. [Reliability](#)

Abstract: The problem of fault diagnosis in grid-connected systems is considered. A diagnosis algorithm, called DAGS and based on the PMC model, is presented. DAGS provides a diagnosis which is shown to be correct, although possibly incomplete, if the cardinality of the actual fault set is below a bound T_s , dependent of the actual syndrome s . A bound T independent of s is also derived by a worst-case analysis covering the cases of triangular, square, hexagonal and octagonal grids. T is shown to be $Q(n^{2/3})$, where n is the size of the system, for all the grids considered.

Notes: In: Theoretical Computer Science, 290 n.2 (2003), p. 1149-1174. Elsevier, 2003.

Id and location:

1. ISTI-A0-22

Accesso Internet: http://scienceserver.cilea.it/cgi-bin/sciserv.pl?collection=journals&journal=03043975&issue=v290i0002&article=1149_fogs



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2. Chessa S., Maestrini P., [Retrieval in Mobile, Distributed Systems](#). In: Proc. of the 10th International Conference on Distributed Computing and Artificial Intelligence, Brasilia, June 2003.

Fault-diagnosis of grid structures, Theoretical Computer Science, Vol: 290, Iss...

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pp. 1149-1174

Title:	Fault-diagnosis of grid structures
Authors:	Caruso, Antonio ^a ; Chessa, Stefano ^a ; Maestrini, Piero ^a ; Santi, Pao
Affiliations:	a. Istituto di Elaborazione dell'Informazione del CNR, Via S. Maria Pisa, Italy
Keywords:	Fault-tolerance; Fault diagnosis; System-level diagnosis; Parallel a
Abstract (English):	The problem of fault diagnosis in grid-connected systems is consid diagnosis algorithm, called DAGS and based on the PMC model, i DAGS provides a diagnosis which is shown to be correct, althoug incomplete, if the cardinality of the actual fault set is below a bound dependent of the actual syndrome σ . A bound T independent of σ i by a worst-case analysis covering the cases of triangular, square, and octagonal grids. T is shown to be $\Theta(n^{2/3})$, where n is the size

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Journal papers

1. Emdin M., Passino C., Michelassi C., Titta F., L'Abbate A., Donato L., Pompella A., Paolicchi A. - [Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction](#). Eur. Heart J., 22:19, 1802-1807, 2001.
2. Emdin, Passino, E.M., C., Donato L. - [Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction](#). Eur. Heart J., 22:19, 1802-1807, 2001.
3. Donato L. - [Dove va la ricerca](#)
4. Iervasi G., Pingitore A., Landi A., Donato L. - [Low-T3 syndrome in patients with heart disease](#). In

Communications to Conferences

1. Baldacci S., Giuliano G., Catalano S., Bernabei M., Vanini V., Picchio G. - [Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction](#). *Cardiologia e Cardiochirurgia*, p.20, Torino, 2000. (Abstracts of the 1st International Conference on Cardiac and Cardiovascular Surgery)
2. Baldacci S., Bernabei M., Mazza F., Catalano S., Bertolini A., Donato L. - [Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction](#). *Cardiologia e Cardiochirurgia*, p.20, Torino, 2000. (Abstracts of the 1st International Conference on Cardiac and Cardiovascular Surgery)

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Bibliographic record IFC-A0-103

Title: Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction

Author/s: [Emdin M.](#);

Other Author/s: [Passino C.](#); [Michelassi C.](#); [Titta F.](#); [L'Abbate A.](#); [Donato L.](#); [Pompella A.](#); [Paolicchi A.](#);

Year of publication: 2001

Notes: Eur. Heart J., 22:19, 1802-1807, 2001.

Id and location:

1. IFC-A0-103

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Titolo

Autore

Soggetto

Luogo/Editore/Anno di pubblicazione

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Titolo: ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems. Proceedings
Luogo, editore, data di pubblicazione: New York : ACM
Anno di inizio pubblicazione: (1983) -
Descrizione fisica: 28 cm
ISBN/ISSN: 1055-6338
Note: Yearly
Collocazione:

1. ISTI-C359

Posseduto:

1. ISTI 6(1987) - 21(2002);

Accesso Internet: Disponibile in versione elettronica. Dal 2002 soltanto in versione elettronica. L'accesso è vincolato al riconoscimento dell'indirizzo IP dell'Area della Ricerca di Pisa. <http://portal.acm.org/proceedings/sigmod/pods>

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3. [ACM 2001 Java Grande/ISCOPE Conference. Proceedings. Palo Alto, June 2-4, 2001](#)
4. [ACM Ada Letters : a bimonthly publication of SIGAda, the ACM Special Interest Group on Ada](#)
5. [ACM Annual Conference](#)
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20. [ACM SIGOA Conference on Office Information Systems : Proceedings University of Pennsylvania, Philadelphia, June 21-23, 1982 / Association for Computing Machinery](#)
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