

D-Lib IST-2001-32587 Digital Library Competence Center

# **Dissemination and Use Plan**

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## **Abstract**

This report details the organization and the different vectors that ensure an efficient dissemination of the project.

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## 1. Dissemination Tools

#### 1.1 D-Lib Center Factsheet

A fact sheet summing up the project's goals and objectives has been realised (see Contract Annex1). It also lists the various attributes of the project's structure: partners, duration, funding...the format of the fact sheet is a double sided A4 paper to be distributed at meetings and conferences. It therefore contains basic information on the project but precise enough to give a clear representation of it. For additional details about the project, its achievements or its participants, the web site is indicated as being the main information source.

#### 1.2 D-Lib Center Web Site

This WP will disseminate the D-Lib Center activities and the results achieved by the user communities involved in these activities.

The project Web site has been installed at <a href="http://dlibcenter.iei.pi.cnr.it/en/index.html">http://dlibcenter.iei.pi.cnr.it/en/index.html</a> and tested to ensure compatibility with major Web browsers. It includes a restricted area for the Contractor, mainly used as document repository, and a public section. The server is run by the ISTI-CNR staff and is regularly updated.

The site displays:

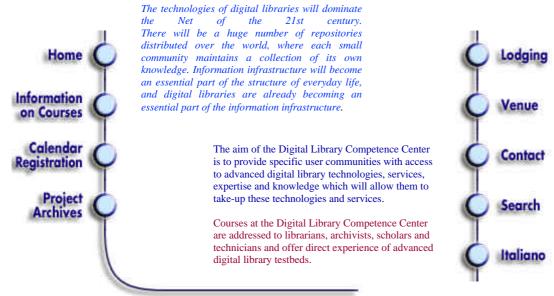
- 1. a description of the D-Lib Center and its activity,
- 2. a description and the agenda of the courses,
- 3. the calendar of the courses and the form for the student registration,
- 4. the page of the project's reports with restricted access,
- 5. some useful information for the hotel booking,
- 6. a map of the city and the CNR location,
- 7. the name and email of the main contact persons

## Restricted Pages:

These pages are for the sole use of the D-Lib Center partner.







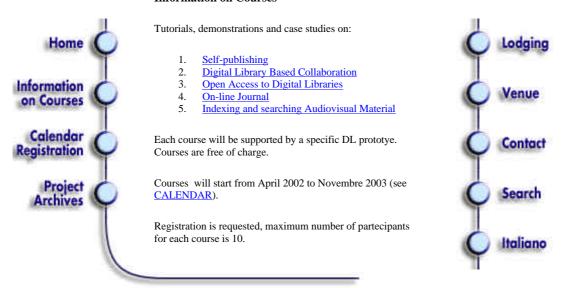
D-Lib – The Digital Library Competence Center is funded by the <a href="IST Programme"><u>IST Programme</u></a> of the European Union (project no. IST-2001-32587). Scientific coordinator: <a href="IEI-CNR"><u>IEI-CNR</u></a> (Pisa, Italy)



Webdesign by Centromedia.com



#### **Information on Courses**



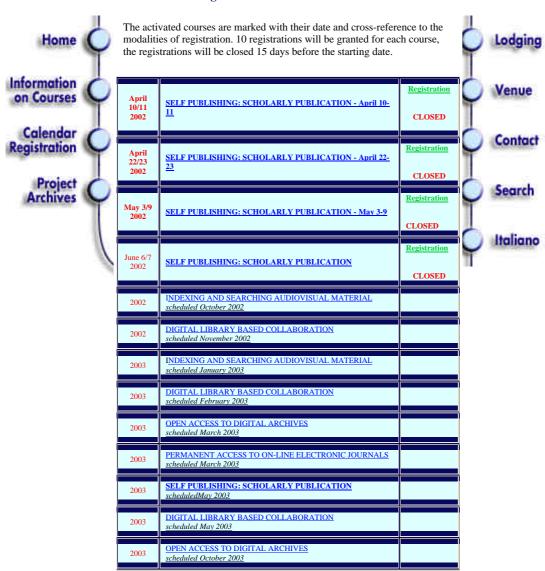
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Webdesign by Centromedia.com



#### **Calendar and Registration**





#### 1. SELF PUBLISHING: SCHOLARLY PUBLICATION

The aim is to facilitate moving from the current centralised, discrete Home publishing model, to a distributed, continuous, self-publishing model. Lodging The D-Lib Center will make available to scholarly communities an advanced Information operational digital library which supports highly improved models of Venue scientific information dissemination and access, i.e., the ERCIM Technical on Courses Reference Digital Library that contains the scientific production (technical reports) of the members of the ERCIM, the European Research Consortium Calendar for Informatics and Applied Mathematics. Contact Registration ETRDL offers a complete digital library service covering the needs of three types of users: authors of technical reports, information seekers, and digital Project library administrators. The services offered include functionality for simple Search **Archives** and advanced search facilities; on-line controlled submission and subject classification of documents; updating and deletion of documents; and multilingual interfaces. At the same time, the system is flexible enough; a common set of core criteria guarantees interoperability between collections Italiano but there is room for differentiation at the local level. This means that the ETRDL - (Ercim Technical Reference Digital Library) system is defined at both the ERCIM and the local institution levels: the ERCIM collection provides common services, while each local institution customises these

System documentation (PDF) is available:

services, as desired, to reflect local needs.

ETRDL Search and Browse Service: User Guide

ETRDL Administration Service: User Guide

ETRDL Submit Service: User Guide

### Teaching Staff:

Maria Bruna Baldacci	IEI - CNR
Stefania Biagioni	IEI - CNR

Technical Staff:

Carlo Carlesi	IEI - CNR
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The course will provide:

- 1) Two days activities at the D-Lib Center, organized as follows:
  - O Introduction to digital libraries
  - ETRDL Demos
  - O Training in the following ETRDL services:
    - Submission of documents
    - DL administration
    - Search/browse
    - Access to electronic documents
    - Document download/print
    - Case studies: definition of requirements by interest groups
- 2) Distance training to configure ETRDL to fulfill case studies requirements.
- 3) Two days activities at the D-Lib Center to evaluate results.
- D-Lib Laboratory is available for use during the course.

Courses will be held in April, May and June 2002 and repeated in October 2002 and May 2003. For information on dates and registration, please look at <a href="Malexandreg:CALENDAR">CALENDAR</a>.

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#### 5. INDEXING AND SEARCHING AUDIOVISUAL MATERIAL

The aim is to improve the productivity and cost effectiveness of producing and using digital audiovisual archives.

The D-Lib Center s available to specific communities an advanced metadata editing environment integrated within a film digital library for the purpose of training archivists and other interested user communities in (semi-) automatic indexing and searching of audiovisual material, based on formal metadata models and similarity-based retrieval techniques. This audiovisual metadata editing environment is a result of the project ECHO- European Chronicles On-line; it includes a metadata model for digital films and a metadata editor based on the model and is integrated within a film digital library.

The Echo testbed provides a digital library service for historical films. It allows interested users to see and hear an account of a historical event filmed in the original context. Users can view an event which is documented in the country of origin and then see how the same event has been documented in other countries, or investigate how different countries have documented a particular historical period of their life, etc. The Echo testbed is a reusable software infrastructure which improves the accessibility, searchability, and usability of large historical audiovisual archives. It features a number of advanced services:

- a structured metadata model for supporting new audio-visual cataloguing;
- an editor, based on this metadata model, which allows a semi-automatic indexing of audio-visual material; intelligent search and retrieval by allowing a collaborative interaction of image, speech and natural language understanding technologies;
- techniques which permit the developments of visual summaries.

The course will be held in June 2002 and will be repeated in January 2003. For information on dates and registration, please look at <u>CALENDAR</u>.

**TOP** 

#### 2. DIGITAL LIBRARY BASED COLLABORATION

The aim is to demonstrate new ways in which digital libraries, i.e., collections of documents and associated services, might enable collaboration

The D-Lib Center makes available to scholarly communities an advanced Collaborative Work environment based on digital library resources, i.e., the SCHOLNET digital library, the output of a project funded by the IST Programme of FP5, which extends the functionality of a traditional digital library by providing support for non-textual data, hypermedia annotation, cross-language retrieval and personalised information dissemination. This environment focuses in particular on one form of collaboration, annotation, by which we mean any of an open-ended number of creative document manipulations that are useful to record and to share with others.

The course will focus on the following SCHOLNET features:

- The Document Model.
- The Open Architecture.
- The Collection Service.
- The Personalization Service.
- The Annotation Service.
- The Archives and Access Services.
- The Cross-language Service.
- The Digital Library Management.

The first course will be held in June 2002 and repeated in January 2003. For information on dates and registration, please look at CALENDAR.

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- The Digital Library Management.

The first course will be held in June 2002 and repeated in January 2003. For information on dates and registration, please look at <u>CALENDAR</u>.

#### 3. OPEN ACCESS TO DIGITAL LIBRARIES

The aim is to facilitate open access to digital libraries.

The D-Lib Center makes available an advanced, open access service environment to specific user communities for the purpose of helping them to interact more productively with digital libraries. i.e., the CYCLADES environment. This environment is built on top of the Open Archive Initiative which develops and promotes interoperability standards that aim to facilitate the efficient dissemination of content. In OAI context, digital libraries are conceived as realized by two cooperating social actors:

- Data Providers who support the OAI protocol as a means of exposing metadata about their content;
- Service Providers who issue OAI protocol requests to data providers and use the metadata as a basis for building value-added services

The CYCLADES Service Environment provides two kinds of OAI compliant functionality: (I) functionality which supports a community/group of scholars while using the OA content as a basis for collaborative work (community functionality), and (ii) functionality which supports a single user/scholar when interacting with the OA environment (user functionality).

The course will focus on the following CYCLADES interoperable services:

- The Mediator Service:
- The Search&Browse Service;
- The Access Service;
- The Collection Service;
- The Personalisation Service;
- The Recommendation Service and
- The Collaborative Work Service.

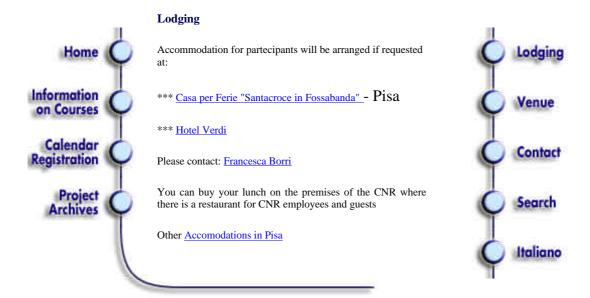
The course will be held in March 2003. For information on dates and registration, please look at CALENDAR.

TOP











#### Venue

Information on Courses

Calendar Registration

Project Archives <u>Area di Ricerca CNR</u> - <u>IEI</u> (gate 16 or 17) Via Moruzzi, 1 - 56124 PISA / Italy

Porter's desk: tel. +39 050 3152213 / 2214

## How to get to Pisa:

Pisa is a University city with a population of nearly 100,000 (and with 40,000 students - not all of whom are resident). It is situated in Tuscany, close to the coast and just 80 km from Florence. It has an international airport with daily flights to London, Paris and Munich, as well as to Rome, Milan, and other important Italian cities. The railway station is located on the main line from Turin to Rome. There is also a very frequent train service to and from Florence.

#### How to arrive at the Institute:

By air: The airport is on the outskirts of the town, approximately 6 km from the Institute. To reach the Institute, it is probably most convenient to take a taxi. Otherwise, you can take Bus No.7, getting off at the first stop in Via di Pratale. Tickets must be bought within the airport. By train: The station is approximately 5 km from the Institute. To reach the Institute you can take Bus No.1 or No. 7 (direction Via di Pratale), getting off at the first stop in Via di Pratale. Tickets must be bought at the station. Otherwise, you can take a taxi

**By car:** See the <u>map below</u>. Parking is available









## 2 Dissemination Activities

## 2.1 Publications, Meetings and Conferences

In order to effectively disseminate the results of the demonstration and training activities, as well as, to reach as many as possible interested user communities the dissemination channels and mechanisms (workshops, conferences, tutorials, special events, etc.) of the DELOS Network of Excellence on Digital Libraries will be exploited. In addition, brochures describing the testbeds made available by the Center will be published. Significant results of the D-Lib Center will be presented at the DELOS scientific events (workshops, conferences, tutorials).

Moreover, advertising through the ERCIM news (7000 copies) or through other specialised bulletins provides an excellent vector for dissemination. ERCIM News reports on joint actions of the ERCIM partners, and aims at reflecting the contribution made by ERCIM to the European Community in Information Technology.

The activity of the D-Lib Center has already described in ERCIM News, in the section R&D and Technology Transfer of ERCIM News, n. 50, July 2002. The ERCIM web site offers an on-line edition of all the articles published in ERCIM News.

The D-Lib Center activity had also been advertised on the official web site of the Associazione Italiana Biblioteche (<a href="http://www.aib.it">http://www.aib.it</a>) from February to June 2002.

subscribe | search | back issues on-line | order back issues

**◆Contents** R&D AND TECHNOLOGY TRANSFER

ERCIM News No.50, July 2002

Digital Library Competence Center

by Maria Bruna Baldacci and Stefania Biagioni

IEI-CNR, Pisa, Italy is operating a Digital Library Competence Centre. The Centre provides specific user communities with tutorials, demonstrations and case-studies of digital library technologies, services and expertise. It also offers hands-on experience with advanced digital library testbeds.

Digital library technologies will dominate the Internet of the 21st century. As the global information infrastructure becomes an essential part of everyday life, digital libraries will become a necessary component of this infrastructure. They will become one of the major tools that provide European citizens with access to scientific knowledge and to information on their cultural heritage. Independently of the extent to which librarians, archivists and museum curators are happy with this vision of the future, they are now demanding knowledge of digital library technologies and of the new type of services that digital libraries can deliver.

To satisfy this demand, a Digital Library Competence Center has been set up in Pisa, Italy, coordinated by IEI-CNR, under a contract from the EC IST Programme (IST-2001-32587). The Institute has a well-consolidated experience in the research and development of various types of advanced digital library systems. The objective of the Centre is to provide specific user communities, eg librarians, archivists, scholars and technicians, with access to advanced digital library services, expertise and training that will allow them to understand and use these new technologies.

The following courses have been scheduled for April 2002 – November 2003. Each course is supported by a specific DL prototype, mainly developed at the Institute:

#### Self-publishing/Scholarly Publication:

The aim is to facilitate transition from the current centralised, discrete publishing model, to a distributed, continuous, self-publishing model.

Test-bed: ETRDL – The ERCIM Technical Reference Digital Library

## Digital Library Based Collaboration:

The objective is to demonstrate new ways in which digital libraries, ie, collections of documents and associated services, can facilitate collaboration within and between user groups.

Test-bed: SCHOLNET — A Digital Library Testbed to support Networked Scholarly Communities

#### **Open Access to Digital Libraries:**

The Open Archives philosophy is explained; the aim is to facilitate the implementation of infrastructures that provide open access to digital libraries. This environment is built on top of the Open Archive Initiative which develops and promotes standards for interoperability that aim to encourage the efficient dissemination of content.

Test bed: CYCLADES — an open collaborative virtual archive service environment

#### Permanent Access to On-line Journals:

The aim is to enhance the confidence of the librarian community in the Web as a more effective medium for scientific and technical communication than material published on paper. A prototype system preserving access to scientific journals published on the Web will be demonstrated. This system has been designed and implemented at Stanford University Libraries with funding from the National Science Foundation and Sun Microsystems, Inc.

Test-bed: LOCKSS — A Permanent Web Publishing and Access System

Indexing and Searching Audio-visual Material: Archivists and other interested user communities will be trained in the (semi)-automatic indexing and searching of audiovisual material. The aim is to improve the productivity and cost effectiveness of producing and using digital audiovisual archives. An advanced metadata editing environment integrated within a film digital library will be demonstrated. Test bed: ECHO — European Chronicles Online.

The courses are free of charge. Registration is requested and no more than ten participants are accepted per course.

#### Link:

http://dlibcenter.iei.pi.cnr.it/

#### Please contact:

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Ye<u>s</u>!

## Meetings and Conferences

So far, the D-Lib Center and the ETRDL system have already been a presented at a first meeting with the Staff of the High School "Istituto Tecnico Commerciale e Liceo Scientifico – Antonio Pesenti" during the annual initiative dedicated to the Libraries "Strade di Carta", 13-13 April 2002, Cascina, Pisa, Italy.

A short workshop, on the topic of the Open Archive for a free scientific communication, has been held with the University of Pisa and the Italian Library Association, with the aim to disseminate the activity of the D-lib Competence Center, ETRDL system and the Scholnet Project.

The activity of the center has been introduced at a meeting with the managerial staff of the Archivio di Stato at the head office in Rome on the 14<sup>th</sup> of May 2002. Also the applicability of the ETRDL system in the historical archives has been discussed at the meeting in Rome. Besides, the activity of the D-Lib Center was presented and explained at the second Giornata Italiana on "Biblioteche Digitali: Ricerca e Sviluppo in Italia" ("Digital Libraries: Research and Development in Italy") which was held in Rome on the 31<sup>st</sup> of October 2001.