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## **University of Bath**

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# **EXPLOIT - Pan-European Exploitation of the Results of the Libraries Programme**

Project Number: PROLIB-5603/EXPLOIT-EU

Project Title: Pan-European Exploitation of the Results of the Libraries

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**Deliverable Number:** 

Contractual Date of Delivery: December 2000

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Title of Deliverable: Final Review of the Exploit Interactive Electronic Magazine

Workpackage contributing to the

Deliverable:

WP3

Nature of the Deliverable: Report, guidelines plus web infrastructure

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Abstract This document is a final review of a number of aspects relating

to the *Exploit Interactive* electronic magazine. The document is an updated version of deliverable D4 and includes a review of the sime of the magazine, on update of the technical

the aims of the magazine, an update of the technical specifications of the service, statistics, examination of the problems encountered and analysis of further development of *Exploit Interactive's* results through *Cultivate Interactive*.

**Keywords** WWW, web, Internet, electronic magazine, online magazine

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## PART II

## **DOCUMENT CONTROL**

| Issue Number | Issue Date       | Reason for Change |
|--------------|------------------|-------------------|
| 0.1          | 20 December 2000 |                   |
|              |                  |                   |

#### **EXECUTIVE SUMMARY**

EXPLOIT is an accompanying measure designed to promote the results of EU library projects (both FP3 and FP4) and to facilitate their take-up by the market of library and information systems. Specific measures include:

- Analysis and clustering of project results;
- · development of presentation modules;
- setting up a database of national and international library (and related) projects;
- a series of Exploitation Workshops to be held in conjunction with major European events in the libraries and related sectors in EU countries (e.g. the Frankfurt Book Fair);
- the facilitation of additional presentations at national events:
- starting an electronic journal (on the Web) with a priority on inviting contributions from EU funded library (and related) projects.

This report address a number of issues associated with the final point: the establishment of an electronic journal. The report address the following issues:

- The aims of the magazine
- Guidelines for members of the editorial team, advisory group, editorial board, authors and contributors
- Technical specifications of the service.
- Work carried out including problems
- Statistics

#### SCOPE STATEMENT

Projects require definitions of their scope, the intended audience and the technologies to be used before the main project deliveries are produced. This report addresses those requirements.

## **PART III**

## 1. Introduction

It is seldom desirable to define the design of a magazine, whether print or online, in isolation. The design is influenced by a number of factors including the aims of the document, the target audience, the writing style, the name, the technologies used, the resources available to produce the magazine, the workflow process and the expertise available.

In producing the design for the magazine, it was first necessary to address these issues. This section summarises the decisions made.

#### 2. SPECIFICATION

The online magazine originally had the code name EXPLOIT-MAG. This was clearly unacceptable for the published name of the magazine. A number of suggestions were discussed at a meeting held in Amsterdam in September 1998. It was agreed that the name *Exploit Interactive* should be adopted. This name emphasises the close links with the other components of the EXPLOIT project and helps to publicise these other components. The *Interactive* component on the name is intended to communicate the two-way aspect of the magazine - it is not intended simply for project holders to promote their projects but to encourage discussion and debate.

The aim of *Exploit Interactive* is to provide a mechanism for pan-European dissemination of information about the Telematics for Libraries projects. For this dissemination to be successful, however, it is necessary that the magazine reaches and involves its intended audience. Through this final review you will be able to see that *Exploit Interactive* has avoided the danger of simply delivering project publicity and reports by providing timely and relevant articles of interest to its readers. Hence, further aims of the magazine have been: to work with the appropriate project contacts to focus on issues and areas of interest to the readers; support on-going project dissemination strategies via the magazine which has benefited both readers and project members; develop and maintain a strong and involved community of *Exploit Interactive* readers, authors, project partners and information providers.

In order to address the aforementioned content concerns, *Exploit Interactive* decided to include not only articles from project holders, but also a variety of articles of more general interest to the broad pan-European library and information communities. This included: announcements and coverage of events, conferences, workshops, seminar reports, updates on technical developments, along with author biographies and organisational profiles within the pan-European library and information communities. Articles from commercial organisations involved with digital library/web site development within the library community were also solicited.

The *Exploit Interactive* editors sought to commission articles from projects which focus on issues and areas of interest to the audience, rather than simply publicising the project. Online feedback from readers was used to identify some of the general areas of interest to the community. Authors were asked to address questions and issues such as "What does the project mean to me?", "How will it change or influence my working practices?", "What are the skills/experience required of staff participating in the project?", "What is your organisational culture?" "Will the project results/outcomes be re-used or shared?", etc.

The requirement of *Exploit Interactive* to disseminate information about Telematics for Libraries projects affected the writing style of articles and the look-and-feel of the magazine. On the one hand, *Exploit Interactive* was not intended as simply a publicity vehicle for projects; on the other hand, *Exploit Interactive* was not intended to provide a learned journal, which features leading edge research discoveries. *Exploit Interactive* addressed the middle ground, by providing information about projects and addressing relevant issues in a readable, accessible manner.

Exploit Interactive has been aimed at the broad European library and information communities. Typical readers of Exploit Interactive include:

- Library staff (Librarians, subject librarians, systems librarians, etc) in academic, public and special libraries.
- Computing staff with interests in networked information services working in Universities, libraries, government organisations and commercial organisations.
- Policy makers and funders working in Universities, libraries, government organisations and commercial organisations.
- EU Commission staff.

The name *Exploit Interactive* was chosen in order to emphasis the close links with the other components of Exploit project and to encourage interaction.

#### 3. GUIDELINES

#### 3.1 Exploit Interactive Editorial Team

## 3.1.1 Responsibilities

The *Exploit Interactive* Editorial Team have been responsible for:

- Ensuring that a high quality publication is produced on schedule.
- Commissioning articles.
- Processing articles for publication.
- Liasing with key stake-holders, including the other EXPLOIT partners, Exploit Interactive Advisory Group, relevant EU Commission staff and Telematics For Libraries project holders.
- Publicising and promoting *Exploit Interactive*.

#### 3.1.2 Communications

The *Exploit Interactive* Editorial Team originally consisted of Brian Kelly, Bernadette Daly and Philip Hunter. Brian Kelly has been the project manager throughout the project. Bernadette Daly and Philip Hunter were the co-editors for issues 1 and 2. Brian Kelly was the editor for issues 3, 4 and 5. Since issue 6 Marieke Napier has taken on editorial responsibilities.

The *Exploit Interactive* Editorial Team work for UKOLN. They have recently moved from the Library at the University of Bath to Wessex House also at the University of Bath. Marieke Napier and Philip Hunter share the same office and Brian Kelly has an office next door. This close proximity helps to support the workload.

A number of emailing lists have been set up to support the work of the Editorial Team. The lists use a mailing list manager. The archives of the list are made available on the Web using the HyperMail software. This makes it easy to access the contents of the message archives, as illustrated in Figure 1.

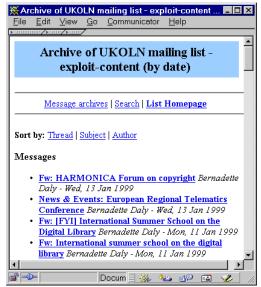


Figure 1 Use of Hypermail Archives

The lists which have been set up include:

| exploit-internal   | Used for internal management purposes.   |  |  |
|--------------------|--|--|--|
| exploit-content    | Suggestions for content to be included in <i>Exploit Interactive</i> are sent to this list. The list archives will be consulted at the planning stage for an issue of <i>Exploit Interactive</i> . |  |  |
| exploit-technology | Suggestions for technological developments which could be incorporated into <i>Exploit Interactive</i> .   |  |  |
| exploit-editor     | Messages to be sent to the editor. This list is intended for external users.   |  |  |
| exploit-commission | Copies of messages sent when articles are commissioned are sent to this list.  |  |  |
| exploit-int-ag     | The mailing list for members of the <i>Exploit Interactive</i> Advisory Group.   |  |  |

#### 3.1.3 Document Production

A series of guidelines for the editorial team were produced during the course of *Exploit Interactive's* run. The guidelines have constantly evolved, since they reflect the web authoring environment currently being used.

The guidelines include the following:

**Procedures for submission of articles**: Articles have been submitted using email throughout the course of *Exploit interactive*. It was envisaged that a web-based article upload centre would be developed allowing authors to upload articles using a web browser. This has not been achieved but is hoped that it will be during Cultivate Interactive's (*Exploit Interactive's* main successor) life cycle.

**File formats for articles**: Articles have been accepted in Microsoft Word or HTML formats.

**HTML guidelines**: Templates for authors submitting articles in HTML format were produced and provided to authors (also available for WORD). <URL:http://www.exploit-lib.org/author-guidelines/template-html.htm>

**Metadata guidelines**: Guidelines for use of metadata will be produced. This will include metadata for resource discovery and for administration. <URL:http://www.exploit-lib.org/author-guidelines/authors.asp>

### 3.2 Exploit Interactive Advisory Group

An *Exploit Interactive* Advisory Group was set up. It consisted of one person from each of the full Exploit partners (Klaus Reinhardt, DBI, David Skinner, British Council and Brian Kelly, UKOLN), together with the *Exploit Interactive* editors (originally Bernadette Daly and Philip Hunter, now Marieke Napier, UKOLN). A mailing list was set up for members of the group.

The role of the *Exploit Interactive* Advisory Group has been as follows:

The *Exploit Interactive* Advisory Group provided advice for the *Exploit Interactive* editors and project manager.

The *Exploit Interactive* editors consulted the Advisory Group over a variety of issues including:

- Feedback of the design of *Exploit Interactive*.
- Release of new services (e.g. searching, author upload centre, etc.)
- Content coverage.
- Problems experienced (e.g. difficulties in getting content, difficulties with authors, etc.)

Note that the Advisory Group was not expected to deal with day-to-day production issues.

## 3.3 Exploit Interactive Editorial Board

An Exploit Interactive Editorial Board was been set up.

The role of the Exploit Interactive Editorial Board is described below.

The *Exploit Interactive* Editorial Board provided support for content for *Exploit Interactive*. NFPs were approached to join or suggest members of the Editorial

Board. Editorial Board members were expected to identify potential contributors and to provide news from their community or related to their work area.

## 3.4 Contributors to Exploit Interactive

A document providing guidelines for contributors was produced. The document described the aims of *Exploit Interactive*. It advised contributors on the writing style, coverage and size of articles. It also documents the document flow process.

Guidelines for contributors to *Exploit Interactive* are available at the address: <URL:http://www.exploit-lib.org/author-guidelines/authors.asp>.

Guidelines for contributors on graphics are available at the address:

<URL: http://www.exploit-lib.org/graphics-guidelines/graphics.asp>.

In addition to these guidelines, additional guidelines were produced to support the editorial team. These guidelines are available from the address:

<URL:http://www.ukoln.ac.uk/isg/exploit/guidelines >.

#### 4. CONSULTATION WITH INTERESTED PARTIES

The *Exploit Interactive* editors were pro-active in making contact with potential contributors to *Exploit Interactive*. Potential contributors were identified by reading the list of projects, monitoring significant mailing lists, observing who was presenting at conferences etc.

Contact was made with the **PubliCA** project (the Concerted Action for Public Libraries). PubliCA has a network of national contacts supplying information on the existing state of public libraries and public library developments in their countries. It was suggested that PubliCA might exploit information they are collecting to do a regular piece focusing on particular countries, in the hope that this would be informative for *Exploit Interactive* readers and fit in with PubliCA's aims and objectives. The regular columns have been:

- The Citizen's Gateways
- At the Event
- WebWatch
- Web Technologies
- Behind the Web Site

During Exploit Interactive's life there have been 102 Individual authors, coverage of 32 Telematics for Libraries Projects and a total of 137 Articles including news and editorials.

All **NFPs** were also contacted. They were made aware of *Exploit Interactive* and asked to provide input or provide suggestions for potential authors.

Archives of messages sent are kept, as illustrated below.



Figure 2 The exploit-commission Hypermail Archive

Between 23 October 1998 and 19 December 2000 the following number of messages were sent to the lists:

| exploit-internal   | 329 |
|--------------------|-----|
| exploit-content    | 265 |
| exploit-technology | 13  |
| exploit-editor     | 240 |
| exploit-commission | 507 |
| exploit-int-ag     | 20  |

The Exploit Interactive editors have joined the following mailing lists:

| lis-european-programmes. A Mailbase list | See <url:< th=""></url:<>        |
|--|----------------------------------|
|  | http://www.mailbase.ac.uk/lists/ |
|  | lis-european-programmes/ >.      |

| IWETEL. A Spanish list for library and documentation professionals               | <pre>See <url: archives="" http:="" iwetel.html="" listserv.rediris.es=""></url:></pre> |
|--|---|
| <b>MEK-L</b> (Magyar Elektronikus Konyvtar). A Hungarian Electronic Library list |   |

## 5 **AWARENESS**

Information about *Exploit Interactive* has been produced. This is available on the web at <URL: http://www.exploit-lib.org/about/aboutus.asp >.

Hard copy publicity material has also been produced. A series of posters have been produced, as illustrated below.



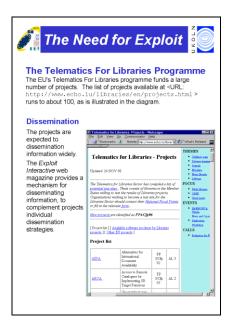


Figure 3 Exploit Interactive Posters

A brief flyer was produced, which is illustrated on the next page.

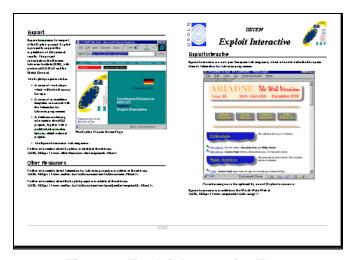


Figure 4 Exploit Interactive Flyer

### 5. TECHNICAL ISSUES

A Windows NT server was purchased to host *Exploit Interactive*. Unfortunately due to hardware problems, the hardware had to be returned to the supplier. The hardware was not usable until 4 November 1998.

The specification of the NT server is: A Viglen LX2+ server: 333MHz with 128 Mb and an 8GB RAID 5 disk.

The following software has also been used:

Microsoft Windows NT 4.0: The server operating system.

**Microsoft Internet Information Server (IIS) 4.0**: Microsoft's web server software, which is bundled in with the Windows NT operating system

**Microsoft SiteServer 3.0**: Web server software which sits on top of IIS. SiteServer provides a number of features which will be used to support *Exploit Interactive* including sophisticated searching software, metadata management software, workflow support and personalisation.

**Microsoft Visual Interdev**: A software development environment which is needed to develop scripts which will be used by *Exploit Interactive*.

Microsoft FrontPage 98: An HTML authoring tool.

SoftQuad Hotmetal: An HTML authoring tool.

Microsoft Access: Database software.

Adobe Photoshop / Adobe Illustrator: Graphics software.

A review of a number of online magazines was carried out in December 1998. A report was published in the web version of Ariadne at

<URL: http://www.ariadne.ac.uk/issue18/web-magazine/>. This review helped us to identify useful features, which could be incorporated into Exploit Interactive. And as experience was gained of these software products they were deployed in order to enhance Exploit Interactive. Technical developments included:

**Searching**: The SiteServer software was used to provide sophisticated searching, based on the metadata (Dublin Core) used in articles. Advance searching is also available.

**Language Support**: Language support was provided through BabelFish.

**Announcement service**: Netmind was used to allow Readers to register for an email notification of new issues.

**Tailored 404 Page**: The 404 error message was tailored to continue the *Exploit Interactive* look and feel and embed the search facility.

**Technical Structure**: The architecture used consisted of Server Side Includes, Cascading Style Sheets and Active Server pages.

**Print All**: A page allowing users to print all the contents from one issue was provided.

**Personalisation**, **Replication**, **Automated** processing of expired articles are being investigated further through Cultivate Interactive.

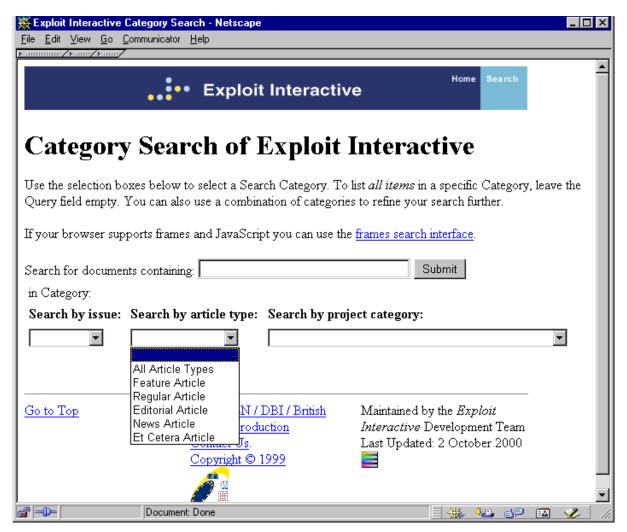


Figure 5 Exploit Interactive Advance Search

Note that information about technological developments was provided on the *Exploit Interactive* web site.

The domain name exploit-lib.org was obtained. The address <URL: http://www.exploit-lib.org/ > has been be used for *Exploit Interactive*.

A Mailing list called web-support-siteserver was set up at the national Mailbase centre (see <URL: http://www.mailbase.ac.uk/lists/web-support-siteserver/ >). This list was used to provide technical support for the *Exploit Interactive* editorial team.

## 6. CONTENT

Articles published in *Exploit Interactive* fell into one of the following categories: Editorial; Features; Regular Articles, News & Events and *Et Cetera*.

The Editorial reviewed all the articles published in the current edition and introduced themes.

Features articles normally contained articles about Telematics For Libraries projects or related areas.

News & Events highlighted new items and conference announcements. A section on Job postings was also published.

Et Cetera covered topics which didn't fall into the other categories.

Authors were normally expected to provide author details and details of the project, organisation, etc. featured in the article.

A full list of all the articles from all 7 issues is available at <URL: http://www.exploit-lib.org/browse/>

#### 7. DESIGN

An external designer was employed to produce a design for *Exploit Interactive*. The work included a series of navigational icons and graphics and templates to facilitate their use.

The design brief is given below.

"Exploit Interactive is a web magazine funded by the EU Telematics For Libraries programme, as part of the **Exploit** accompanying measure. Exploit Interactive aims to provide information about other Telematics For Libraries projects in order to maximise update of the projects and to support exploitation of project deliverables. In order to encourage wide readership of Exploit Interactive it will also contain a variety of additional articles of interest to the broad European library and information communities, including announcement of conference and other events, reports on conferences, workshops, etc.

Exploit Interactive will have similar objectives, content coverage and writing style to the Ariadne magazine (see <URL: http://www.ariadne.ac.uk/ > but with a European dimension to it. As with Ariadne, Exploit Interactive is neither a learned journal nor a publicity vehicle, but a mechanism for providing a user-oriented view of Telematics for Library projects.

Exploit Interactive provides one part of the Exploit project (which also includes a "portal", a series of workshops and additional support materials). The design should support access to these additional services (which will be hosted remotely).

Exploit Interactive will be hosted on a Windows NT server running the IIS and SiteServer software.

Articles published in *Exploit Interactive* are likely to be classified in the following sections: **Editorial**; **Features**; **Regular Articles**; **News & Events** and **Et Cetera**.

The design should also provide access to a searching service.

Exploit Interactive Issue 7: ELVIL 2000 - Microsoft Internet Explorer File Edit View Favorites Tools Help Address Addres ▼ (read Go Exploit Interactive Contents Issue 07 News & Events Et octora **ELVIL 2000** Ingrid Cantwell and Magnus Enzell introduce the prototype for the ELVIL 2000 Project, an Academic Portal for European Law and Politics The European Legislative Virtual Library project (ELVIL) was conceived at the Stockholm University library back in 1995 [1]. The current library co-ordinator was teaching political science students the intricacies of using a telnet interface to access the Swedish Riksdag database and the thought arose that there had to be an easier way to access public information. Couldn't it all be done using the World Wide Web? A lot has happened since then but the basic ideas are still valid and the original problems are still pertinent: how can we increase the availability of public information by using the World Wide Web? During the ELVIL project the team identified three variables of availability: access, education and communication. Access to public database had to be intuitive and user-centred. Users had to be educated about the content and role of public documentation. Since public documentation is often of a political nature there is also a need for forums to discuss the interpretation of it. The ELVIL-project was completed successfully in 1998 and was directly followed by the ELVIL 2000 project [2]. **ELVIL 2000** The general aim of the ELVIL 2000-project is to create and operate an Academic Portal to European Law and Politics. Portal because we combined access to a number of different types of resources on the same platform. These sources could be divided into three different categories but all intended to be of a "slow nature" as opposed to "fast" information like news. The sources include public documentation and official Web sites, educational modules, discussion and work-platforms. Academic, because we believed that academic standards and principles could greatly enhance the quality of information and communication management on the Internet. The principles of selection and validation could be useful for the Internet and could also be used to a greater extent to ensure a higher degree of trust and reliability on the Internet in While focusing on virtues like speed, accessibility and rapid updates it is easy to forget that the Internet offers unique opportunities for the slower practices of accumulation and reflection on knowledge in a public sphere. ELVIL 2000 is aimed at building platforms that encouraged reflexivity, and the accumulation of "slow" knowledge. ELVIL 2000 has now finalised its second prototype (The "ELVIL-platform") and will develop models and programs for use on the

At a later date we intend to provide access to a discussion forum.

Figure 6 An Exploit Interactive Article

<URL: http://www.exploit-lib.org/issue7/elvil/>

Readers will have the option to submit feedback to individual articles.

Although articles will normally be in English, it is desirable to ensure that the design can provide support for multiple languages. For example, navigational icons may be provided in multiple languages and the introductory and help pages about *Exploit Interactive* may be translated into several languages.

Local intranet

The design should include a set of navigational icons and graphics and a series of templates to facilitate their use.

The URL for Exploit Interactive is <URL: http://www.exploit-lib.org/>."

The final design was created by a User Interface Design Specialist based at ILRT, University of Bristol.

## 8. LANGUAGE ISSUES

platform during the next six months.

The current ELVIL platform provides

At an early date it was agreed that English would be used for EXPLOIT deliverables. However it was felt that about *Exploit Interactive* should aim to provide some limited support for other languages.

The editorial team encouraged authors to provide articles in other European languages, provided an English language version was also provided. For an example see: <URL: http://www.exploit-lib.org/issue1/liberator-pt/>

The specification for the design of navigational icons required that any text could be provided in other European languages. Extra space was provided in the graphical box to support this.

Resources in other languages were provided with appropriate language metadata.

## 9. OTHER ISSUES

An ISSN was obtained for *Exploit Interactive* from the ISSN UK Centre. The ISSN is 1465-7511.

Copyright for articles published in *Exploit Interactive* is owned by the authors and UKOLN.

#### 10. PROBLEMS

The two main potential problems for the *Exploit Interactive* magazine were: failure to attract writers and failure to attract readers.

#### 10.1 Failure to Attract Authors to Write Articles

This problem was addressed initially by using known contacts from UKOLN's project work and support from European Commission staff (e.g. Concha Fernández de la Puente). Also initially all the Telematics for Libraries project leaders were contacted and asked for dissemination articles. Once the first issue had been launched attracting authors was easier because there was a product available to show people.

Throughout *Exploit Interactive's* life the editors remained mindful of programmes, events and initiatives happening in the library and information systems world. When appropriate, articles were commissioned either through personal contact or email. Towards the end of *Exploit Interactive's* run it became slightly more difficult to commission articles from the Telematics for Libraries projects because most had ended. Issue 7 concentrated on reviewing the programme and the magazine itself.

## 10.2 Failure to Attract Readers

This problem was addressed by site promotion. The magazine was publicised at conferences and promoted through adverts and articles in the media. Careful measures were taken to ensure that the Web site was search engine friendly and the URL was submitted to numerous search engines. The magazine also contained a Notify service and announcements of new issues were posted to mailing lists.

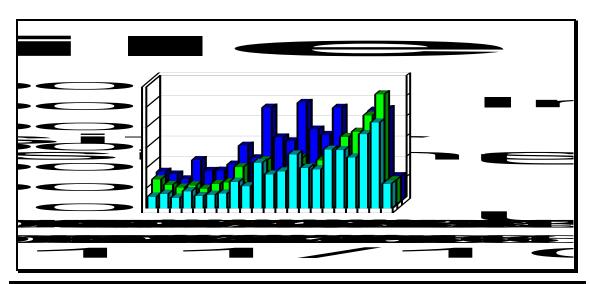
## 11. FURTHER DEVELOPMENT OF **EXPLOIT INTERACTIVE'S RESULTS**

Cultivate Interactive <URL: http://www.cultivate-int.org/> is Exploit Interactive's main successor and builds on its achievements. It uses the same hardware platform and server environment (Windows NT, and Microsoft SiteServer software plus locally developed ASP scripts).

Use was made of the contacts made through *Exploit Interactive* and articles were commissioned from previous authors. It was also possible to include the readers of *Exploit Interactive* in the dissemination process for new issues. Experiences learnt from *Exploit Interactive* and have been frequently drawn on making it able to create a coherent process fairly quickly. Time has been saved not making similar mistakes.

Cultivate Interactive is however more than just an extension of Exploit Interactive. In Cultivate Interactive the opportunity has been taken to make use of a more up-to-date design. A number of the scripts have been enhanced and the Cultivate Interactive team has implemented (or are implementing) various developments for which there was no time to implement in Exploit Interactive (such as use of as database to manage article citation information).

## 12. STATISTICS



| Statistics - Report | Range: 04/23/1999 00:00:00 - 11/10/2000 | 16:12:05  |
|---------------------|---|-----------|
| Hits                | Entire Site (Successful)                | 1,474,888 |
|                     | Average Per Day                         | 2,596     |
|                     | Home Page                               | 3,281     |
| Page Views          | Page Views (Impressions)                | 859,803   |
|                     | Average Per Day                         | 1,514     |
|                     | Document Views                          | 850,548   |
| Visitor Sessions    | Visitor Sessions                        | 68,685    |
|                     | Average Per Day                         | 120       |
|                     | Average Visitor Session Length          | 00:12:31  |
|                     | International Visitor Sessions          | 42.54%    |
|                     | Visitor Sessions of Unknown Origin      | 30.41%    |
|                     | Visitor Sessions from United States     | 26.82%    |
| Visitors            | Unique Visitors                         | 22,530    |
|                     | Visitors Who Visited Once               | 17,228    |
|                     | Visitors Who Visited More Than Once     | 5,302     |
|                     |   |           |

The most important statistic to look at here is the visitor sessions. Exploit has had 68,685 visitor sessions during its life – this is the number of people who have come in and had a look around the site. The average is 120 a day. The average page views – single views of a page is 1,514. So one person is looking at an average of 12 pages each.

#### Most Requested Pages

|    | Pages  | Views  | % of<br>Total<br>Views | Visitor<br>Sessions | Avg. Time<br>Viewed |
|----|--|--------|------------------------|---------------------|---------------------|
| 1  | Exploit Interactive Home Page http://www.exploit-lib.org/intro.htm   | 25,544 | 3%                     | 20,520              | 00:02:10            |
| 2  | Exploit Interactive Issue 4: Home http://www.exploit-lib.org/issue4/   | 11,399 | 1.34%                  | 4,012               | 00:00:26            |
| 3  | http://www.exploit-lib.org/robots.txt  | 4,169  | 0.49%                  | 3,806               | 00:01:15            |
| 4  | Exploit Interactive Issue 1: Home  | 11,604 | 1.36%                  | 3,566               | 00:00:23            |
|    | http://www.exploit-lib.org/issue1/   | ,      |                        | 5,555               |                     |
| 5  | Exploit Interactive Issue 3: Home http://www.exploit-lib.org/issue3/   | 10,050 | 1.18%                  | 3,077               | 00:00:19            |
| 6  | Exploit Interactive Issue 2: Home http://www.exploit-lib.org/issue2/   | 10,024 | 1.17%                  | 2,986               | 00:00:23            |
| 7  | Exploit Interactive Issue 1 News Article: Are You Linking To A Porn Site? http://www.exploit-lib.org/issue1/webtechs/          | 9,172  | 1.07%                  | 2,834               | 00:00:29            |
| 8  | Exploit Interactive Home Page  | 3,281  | 0.38%                  | 2,751               | 00:01:15            |
| 9  | http://www.exploit-lib.org/ Exploit Interactive Issue 5: Home  | 3,394  | 0.39%                  | 2,721               | 00:01:02            |
|    | http://www.exploit-lib.org/issue5/   |        |                        |                     |                     |
| 10 | Exploit Interactive Issue 4: Features http://www.exploit-lib.org/issue4/mag- features/   | 8,062  | 0.94%                  | 2,031               | 00:00:15            |
| 11 | Exploit Interactive Issue 6: Home http://www.exploit-lib.org/issue6/   | 2,116  | 0.24%                  | 1,777               | 00:00:56            |
| 12 | Exploit Interactive Issue 4: Building Europe's Largest Library http://www.exploit-lib.org/issue4/ell/                          | 7,345  | 0.86%                  | 1,752               | 00:00:26            |
| 13 | Exploit Interactive Issue 4: CULTIVATE - A New Network for Digital Cultural Heri http://www.exploit-lib.org/issue4/cultivate/  | 6,079  | 0.71%                  | 1,743               | 00:00:25            |
| 14 | Exploit Interactive Issue 3: Features http://www.exploit-lib.org/issue3/mag- features/   | 8,261  | 0.97%                  | 1,706               | 00:00:14            |
| 15 | Exploit Interactive - About Us http://www.exploit-lib.org/about/aboutus.asp  | 1,779  | 0.2%                   | 1,614               | 00:01:28            |
| 16 | Exploit Interactive Issue 1: Oiling the Works: the PRIDE Project Develops an Inf http://www.exploit-lib.org/issue1/pride/      | 8,335  | 0.97%                  | 1,499               | 00:00:16            |
| 17 | Exploit Interactive - Search http://www.exploit- lib.org/search/basic_search.asp   | 1,724  | 0.2%                   | 1,480               | 00:01:04            |
| 18 | Exploit Interactive Issue 2: Newspaper Clippings in a Digital World: The LAURIN http://www.exploit-lib.org/issue2/laurin/      | 7,274  | 0.85%                  | 1,407               | 00:00:17            |
| 19 | Exploit Interactive Issue 1: Web Technologies - The Development Of Web Protocols http://www.exploit-lib.org/issue1/web/        | 13,822 | 1.62%                  | 1,406               | 00:00:13            |
| 20 | http://www.exploit-<br>lib.org/issue1/mag_features.asp   | 1,549  | 0.18%                  | 1,345               | 00:01:08            |
| 21 | Exploit Interactive Issue 1: International Cooperation - Real Opportunities? http://www.exploit- lib.org/issue1/opportunities/ | 7,022  | 0.82%                  | 1,286               | 00:00:18            |
| 22 | Exploit Interactive - Contact Us http://www.exploit- lib.org/contact/contactus.asp   | 1,378  | 0.16%                  | 1,266               | 00:01:18            |
| 23 | Exploit Interactive - Author Guidelines http://www.exploit-lib.org/author- guidelines/authors.asp                              | 1,399  | 0.16%                  | 1,264               | 00:01:21            |
| 24 | Exploit Interactive - Copyright Notice http://www.exploit- lib.org/copyright/copyright.asp                                     | 1,489  | 0.17%                  | 1,235               | 00:01:00            |

|    | t Requested Pages   | Views  | 0/ = 5                 | Vielten             | Ave. The            |
|----|---|--------|------------------------|---------------------|---------------------|
|    | Pages   | Views  | % of<br>Total<br>Views | Visitor<br>Sessions | Avg. Time<br>Viewed |
| 25 | Exploit Interactive Issue 3: Regular Columns http://www.exploit-lib.org/issue3/mag-   | 2,073  | 0.24%                  | 1,207               | 00:00:49            |
|    | regular/  |        |                        |                     |                     |
| 26 | Exploit Interactive Issue 4: Regular Columns http://www.exploit-lib.org/issue4/mag-   | 6,850  | 0.8%                   | 1,192               | 00:00:11            |
|    | regular/  |        |                        |                     |                     |
| 27 | Exploit Interactive Issue 2: Features http://www.exploit- lib.org/issue2/mag_features.asp   | 1,373  | 0.16%                  | 1,183               | 00:00:54            |
| 28 | Exploit Interactive Issue 4: Editorial  | 6,793  | 0.79%                  | 1,150               | 00:00:13            |
|    | http://www.exploit-lib.org/issue4/mag-editorial/  |        |                        |                     |                     |
| 29 | Exploit Interactive Issue 5: Performance Indicators for Web Sites http://www.exploit-lib.org/issue5/indicators/                   | 1,445  | 0.16%                  | 1,146               | 00:02:18            |
| 30 | Exploit Interactive Issue 4: Promoting  | 13,502 | 1.58%                  | 1,136               | 00:00:08            |
|    | Your Project Web Site http://www.exploit-lib.org/issue4/promotion/  |        |                        |                     |                     |
| 31 | Exploit Interactive Issue 3: News and Events http://www.exploit-lib.org/issue3/mag-news/  | 10,382 | 1.22%                  | 1,125               | 00:00:09            |
| 32 | Exploit Interactive Issue 2: Blue Angel Introduces MetaStar: An Integrated Knowl http://www.exploit-lib.org/issue2/blueangeltech/ | 4,983  | 0.58%                  | 1,116               | 00:00:14            |
| 33 | Exploit Interactive Issue 5: Features http://www.exploit-lib.org/issue5/mag- features/  | 1,324  | 0.15%                  | 1,098               | 00:00:51            |
| 34 | Exploit Interactive Issue 3: Analysis of NFP Web Sites http://www.exploit-lib.org/issue3/nfp-websites/                            | 18,883 | 2.22%                  | 1,094               | 00:00:05            |
| 35 | Exploit Interactive Issue 4: News and Events http://www.exploit-lib.org/issue4/mag-news/  | 10,161 | 1.19%                  | 1,092               | 00:00:09            |
| 36 | Exploit Interactive Issue 4: Towards The Information Society In Europe - The Eur http://www.exploit-lib.org/issue4/smith/         | 4,078  | 0.47%                  | 1,090               | 00:00:25            |
| 37 | Exploit Interactive Issue 1: Web Technologies - URLs for Telematics for Librarie http://www.exploit-lib.org/issue1/urls/          | 8,460  | 0.99%                  | 1,084               | 00:00:14            |
| 38 | Exploit Interactive - Notification Service http://www.exploit-lib.org/notify/intro.htm  | 1,152  | 0.13%                  | 1,069               | 00:01:05            |
| 39 | Exploit Interactive Issue 1: The European Virtual Children's Library on the Inte  | 4,824  | 0.56%                  | 1,068               | 00:00:20            |
| 40 | http://www.exploit-lib.org/issue1/chilias/  Exploit Interactive Issue 1: Regular Columns http://www.exploit-                      | 1,183  | 0.13%                  | 1,058               | 00:01:20            |
| 41 | lib.org/issue1/mag_regular.asp  Exploit Interactive Issue 7: Home   | 1,313  | 0.15%                  | 1,056               | 00:01:22            |
| 42 | http://www.exploit-lib.org/issue7/  Exploit Interactive Issue 1 Et cetera: Job Postings: Projects, Networking, Libra              | 5,767  | 0.67%                  | 1,041               | 00:00:14            |
| 43 | http://www.exploit-lib.org/issue1/jobs/ Exploit Interactive Issue 3: Bobby: CAST's Free Public Service for Web Accessibi          | 6,811  | 0.8%                   | 1,032               | 00:00:14            |

| Most  | Most Requested Pages                           |         |                        |                     |                     |
|-------|--|---------|------------------------|---------------------|---------------------|
|       | Pages  | Views   | % of<br>Total<br>Views | Visitor<br>Sessions | Avg. Time<br>Viewed |
|       | http://www.exploit-lib.org/issue3/bobby/       |         |                        |                     |                     |
| 44    | Exploit Interactive Issue 3: The EQUINOX       | 5,652   | 0.66%                  | 1,021               | 00:00:15            |
|       | Project: Library Performance                   |         |                        |                     |                     |
|       | Measuremen                                     |         |                        |                     |                     |
|       | http://www.exploit-lib.org/issue3/equinox/     |         |                        |                     |                     |
| 45    | Exploit Interactive - Guidelines for           | 1,095   | 0.12%                  | 1,016               | 00:01:07            |
|       | Graphics                                       |         |                        |                     |                     |
|       | http://www.exploit-lib.org/graphics-           |         |                        |                     |                     |
|       | guidelines/graphics.asp                        |         |                        |                     |                     |
| 46    | Exploit Interactive Issue 3: CORDIS Web        | 7,296   | 0.85%                  | 1,011               | 00:00:15            |
|       | Service  |         |                        |                     |                     |
|       | http://www.exploit-lib.org/issue3/cordis/      |         |                        |                     |                     |
| 47    | Exploit Interactive Issue 3: Extending         | 7,226   | 0.84%                  | 1,000               | 00:00:11            |
|       | Your Browser With An Automated Page            |         |                        |                     |                     |
|       | Trans  |         |                        |                     |                     |
|       | http://www.exploit-lib.org/issue3/translation/ |         |                        |                     |                     |
| 48    | Exploit Interactive Issue 1: A Closer Look     | 11,287  | 1.32%                  | 985                 | 00:00:09            |
|       | at the Telematics for Libraries Web S          |         |                        |                     |                     |
|       | http://www.exploit-lib.org/issue1/telematics/  |         |                        |                     |                     |
| 49    | Exploit Interactive Issue 3: DEBORA:           | 7,274   | 0.85%                  | 980                 | 00:00:13            |
|       | Digital Access To Books Of The                 |         |                        |                     |                     |
|       | Renaissance                                    |         |                        |                     |                     |
|       | http://www.exploit-lib.org/issue3/debora/      | 0.000   | 0.740/                 | 6                   | 00.00.46            |
| 50    | Exploit Interactive Issue 1: Behind the        | 6,299   | 0.74%                  | 977                 | 00:00:12            |
|       | Web Site - The Development of euroguide        |         |                        |                     |                     |
| Cub:  | http://www.exploit-lib.org/issue1/euroguide/   | 222 757 | 20.000/                | N1/A                | NI/A                |
|       | otal For the Page Views Above                  | 323,757 | 38.06%                 | N/A                 | N/A                 |
| lotal | For the Log File                               | 850,548 | 100%                   | N/A                 | N/A                 |

Naturally the home pages are more popular because they are entry points, also home pages and articles from earlier issues will have had more time to gain hits. The most popular articles so far are:

- Exploit Interactive Issue 4: Building Europe's Largest Library
- Exploit Interactive Issue 4: CULTIVATE A New Network for Digital Cultural Heritage
- Exploit Interactive Issue 1: Oiling the Works: the PRIDE Project Develops an Information Brokerage Service
- Exploit Interactive Issue 2: Newspaper Clippings in a Digital World: The LAURIN project
- Exploit Interactive Issue 1: Web Technologies The Development Of Web Protocols

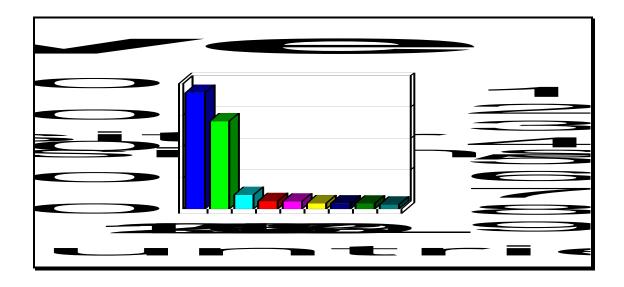
The article discounted the article with Porn in the title has been discounted for obvious reasons.

| Sing | le Access Pages   |            |                     |
|------|---|------------|---------------------|
|      | Pages   | % of Total | Visitor<br>Sessions |
| 1    | Exploit Interactive Home Page http://www.exploit-lib.org/intro.htm  | 32.25%     | 11,774              |
| 2    | Exploit Interactive Issue 1 News Article: Are You Linking To A Porn Site? http://www.exploit-lib.org/issue1/webtechs/ | 4.79%      | 1,749               |
| 3    | http://www.exploit-lib.org/robots.txt   | 2.58%      | 943                 |

| Singl | le Access Pages  |            |          |
|-------|--|------------|----------|
|       | Pages  | % of Total | Visitor  |
|       | •  |            | Sessions |
| 4     | Exploit Interactive Issue 4: Home  | 2.17%      | 793      |
|       | http://www.exploit-lib.org/issue4/                                       |            |          |
| 5     | Exploit Interactive Issue 4: CULTIVATE - A New Network for               | 2.1%       | 767      |
|       | Digital Cultural Heri  |            |          |
|       | http://www.exploit-lib.org/issue4/cultivate/                             |            |          |
| 6     | Exploit Interactive Issue 4: Building Europe's Largest Library           | 2.01%      | 737      |
|       | http://www.exploit-lib.org/issue4/ell/                                   |            |          |
| 7     | Exploit Interactive Issue 6: The XHTML Interview                         | 1.55%      | 569      |
|       | http://www.exploit-lib.org/issue6/xhtml/                                 |            |          |
| 8     | Exploit Interactive Issue 5: Home  | 1.53%      | 562      |
|       | http://www.exploit-lib.org/issue5/                                       |            |          |
| 9     | Exploit Interactive Issue 3: Home  | 1.5%       | 550      |
|       | http://www.exploit-lib.org/issue3/                                       |            |          |
| 10    | Exploit Interactive Issue 2: Newspaper Clippings in a Digital            | 1.43%      | 523      |
|       | World: The LAURIN  |            |          |
|       | http://www.exploit-lib.org/issue2/laurin/                                |            |          |
| 11    | <b>Exploit Interactive Issue 5: Performance Indicators for Web Sites</b> | 1.42%      | 522      |
|       | http://www.exploit-lib.org/issue5/indicators/                            |            |          |
| 12    | Exploit Interactive Home Page  | 1.4%       | 512      |
|       | http://www.exploit-lib.org/  |            |          |
| 13    | Exploit Interactive Issue 1: Oiling the Works: the PRIDE Project         | 1.39%      | 511      |
|       | Develops an Inf  |            |          |
|       | http://www.exploit-lib.org/issue1/pride/                                 |            |          |
| 14    | Exploit Interactive - Notification Service                               | 1.25%      | 460      |
|       | http://www.exploit-lib.org/notify/intro.htm                              |            |          |
| 15    | Exploit Interactive Issue 2: Home  | 1.2%       | 440      |
| 4.0   | http://www.exploit-lib.org/issue2/                                       | 4 4 40 (   | 440      |
| 16    | Exploit Interactive Issue 1: Home  | 1.14%      | 418      |
|       | http://www.exploit-lib.org/issue1/                                       | 0.000/     | 201      |
| 17    | Exploit Interactive Issue 3: Bobby: CAST's Free Public Service           | 0.99%      | 364      |
|       | for Web Accessibi  |            |          |
| 4.0   | http://www.exploit-lib.org/issue3/bobby/                                 | 0.040/     | 200      |
| 18    | Exploit Interactive Issue 1: International Cooperation - Real            | 0.91%      | 333      |
|       | Opportunities?   |            |          |
| 40    | http://www.exploit-lib.org/issue1/opportunities/                         | 0.000/     | 011      |
| 19    | Exploit Interactive Issue 5: The Invisible Hand of Peer Review           | 0.86%      | 314      |
|       | http://www.exploit-lib.org/issue5/peer-review/                           | 0.705      | 255      |
| 20    | Exploit Interactive Issue 3: Analysis of NFP Web Sites                   | 0.78%      | 286      |
|       | http://www.exploit-lib.org/issue3/nfp-websites/                          | 00.0407    | 00.45=   |
| Total | For the Pages Above  | 63.34%     | 23,127   |

| Top Geographic Regions |                     |          |  |
|------------------------|---------------------|----------|--|
|                        | Geographic Regions  | Visitor  |  |
|                        |                     | Sessions |  |
| 1                      | Region Un-Specified | 20,983   |  |
| 2                      | Western Europe      | 20,552   |  |
| 3                      | North America       | 19,526   |  |
| 4                      | Northern Europe     | 3,710    |  |
| 5                      | Asia                | 1,041    |  |
| 6                      | Eastern Europe      | 959      |  |
| 7                      | Australia           | 885      |  |
| 8                      | South America       | 407      |  |
| 9                      | Region Not Known    | 243      |  |
| 10                     | Middle East         | 225      |  |
| 11                     | Pacific Islands     | 166      |  |
| 12                     | Sub-Saharan Africa  | 96       |  |
| 13                     | North Africa        | 11       |  |
| 14                     | Caribbean Islands   | 10       |  |
| 15                     | Central America     | 5        |  |

| Top   | Geographic Regions |          |
|-------|--------------------|----------|
|       | Geographic Regions | Visitor  |
|       |                    | Sessions |
| Total |                    | 68,819   |



| Most Active Countries |               |          |  |
|-----------------------|---------------|----------|--|
|                       | Countries     | Visitor  |  |
|                       |               | Sessions |  |
| 1                     | United States | 18,540   |  |
| 2                     | UK            | 14,010   |  |
| 3                     | Finland       | 2,250    |  |
| 4                     | Germany       | 1,280    |  |
| 5                     | Spain         | 1,205    |  |
| 6                     | Netherlands   | 930      |  |
| 7                     | Canada        | 923      |  |
| 8                     | AU            | 885      |  |
| 9                     | France        | 713      |  |
| 10                    | Norway        | 652      |  |
| 11                    | Belgium       | 528      |  |
| 12                    | Sweden        | 485      |  |
| 13                    | Italy         | 449      |  |
| 14                    | Japan         | 435      |  |
| 15                    | Denmark       | 323      |  |
| 16                    | Ireland       | 305      |  |
| 17                    | Austria       | 287      |  |
| 18                    | Switzerland   | 275      |  |
| 19                    | Singapore     | 264      |  |
| 20                    | Brazil        | 237      |  |
| Total                 |               | 44,976   |  |