


Why sharing matters


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What is EEVL?

- Started 1996 as a subject gateway to engineering information on the internet
- Purpose was to make it easier for users to find quality information on the internet
- Problem - no evaluation of information - "standing under a waterfall to get a drink."




Average Internet User





EEVL's solution

- Internet resources selected and described by subject librarians
- Targeted at users in higher education in the UK
- Catalogue searchable and browsable by subject and resource type
- Now has over 10,000 records and many additional information services

Title:
CADD Education Portal

URL:
<http://www.cad@primer.com/>

Author:
Duggal, Vijay

Description:
The CADD Education Portal is sponsored by MailMax Publishing. Its main feature is the *CADD Primer: an online CAD tutorial*. This is a beginner's reference book by Vijay Duggal; the entire contents may be downloaded for a small fee, however a large part (70+ pages) of the book is available in Adobe Acrobat format online free of charge. Printed copies may also be ordered.

In addition, the site offers links to CAD directories and gateways, CAD resource centres, CAD organisations, CAD magazines, CAD software, selected CAD books, CAD vendors, and academic sites.

Keywords:
computer-aided design, drafting

Resources:
Resource Guide/Directory
Learning Material/Courseware
Full Text Documents - General
Full Text Documents - E-Books

Engineering Classification:


- Manufacturing Engineering - Product Design and Development - CAD/CAM/CAE Issues
- Engineering Design

Location:
World

Country of Origin:
United States 




Language:
English

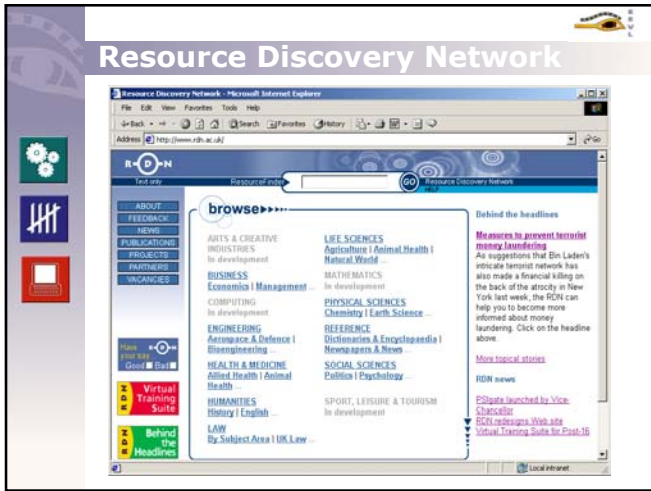
 Comment on this record 



Collaborative model

- Since 1999, EEVL has been part of Resource Discovery Network
- Now includes resources in mathematics and computing
- Uses a distributed network of subject librarians to locate and input resources

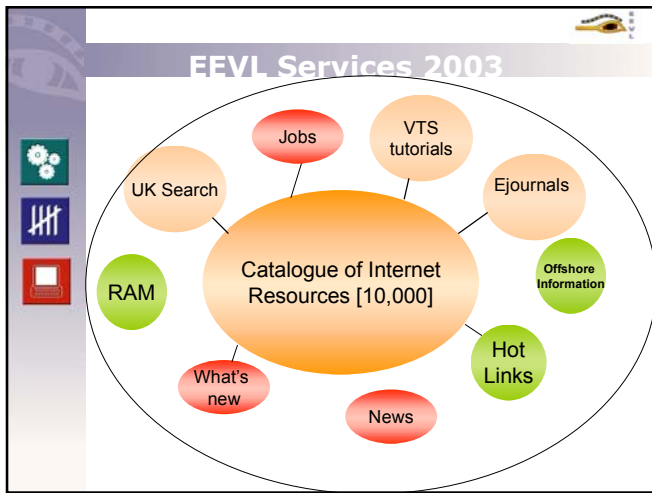


What do you find using EEVL?

- What's in it for you....
- Find web resources by type
 - eg jobs, news, software
 - engineering e-journals
- Services available via EEVL include
 - full text search engine of selected sites
 - bibliographic databases - eg RAM
 - catalogue of learning and teaching resources - SearchLT

EEVL Services 1996

Catalogue of Internet Resources [1300]



SEARCH ALL | KEY SITES | EEVL CATALOGUE | WEBSITES

word anywhere

Any All Phrase exact word display later only

LOCATION: UK Europe World

SUBJECT: Engineering (ignore) (ignore)

RESOURCES:

- Full Text - General
- Full Text - Patents
- Full Text - Theses/Dissertation
- Higher Education
- Company/Commercial
- Publishers
- Image/Video
- Project Web Site
- News
- Event Announcement
- Reference
- Legislation/Regulation
- Statistics
- Full Text - B-Books
- Full Text - Standards
- Full Text - Journal
- Further Education
- Recruitment/Employment
- Product News
- International agency
- Research Centres
- Patents
- FAQ
- Resource Guide
- Software
- Full Text - Conference Papers
- Full Text - Government Publication
- Journal - Abstract/TOC
- Society/Institution
- Government
- Product Information
- Standards
- Learning Material
- Mailing List
- Database
- Contracts/Procurement
- Library catalogues

RESOURCE OPERATOR: OR AND [search help](#)

The Internet Guide to Engineering, Mathematics, and Computing

ABOUT | SITE MAP | CONTACTS | SUGGEST A SITE | HELP

Discover the Best of the Sites

New Titles Available: Printed Technical Magazines Free to Qualified Professionals

SEARCH ALL | KEY SITES | EEVL CATALOGUE | WEBSITES

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The EEVL Web site is sponsored by **Adapt Scientific**

ACCESS SUBJECT AREAS

- Engineering**: Aerospace & Defence Engineering, Bioengineering, Chemical Engineering...
- Mathematics**: Algebra, Analysis, Applications, Geometry, Topology, Numerical Analysis, Probability...
- Computing**: Computer Applications, Computer Systems Organisation, Computing Methodologies...

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RS online | **Proton Education** | **Adapt Scientific** | **KEYENCE**


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EEVL Lead Site: Heriot Watt University, Strategic Partners: Cranfield University, University of Birmingham, University of Ulster

Information Landscape

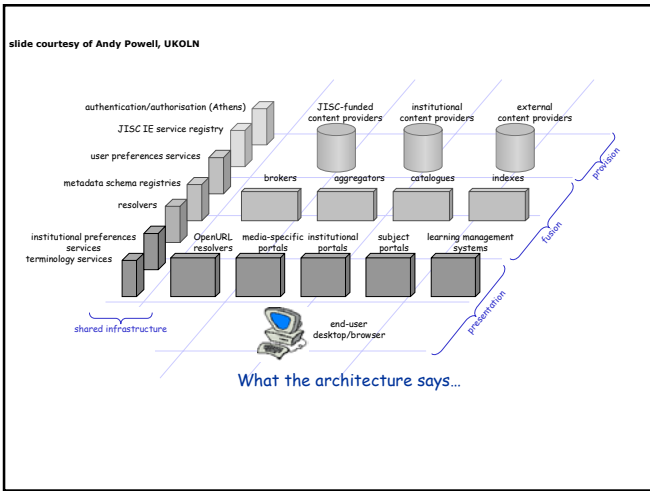
- Increasingly complex for users
- More sources of information
 - bibliographic databases
 - full text papers
 - web resource catalogues
 - library catalogues
 - news, job information, conferences
 - grey literature
- Information more expensive

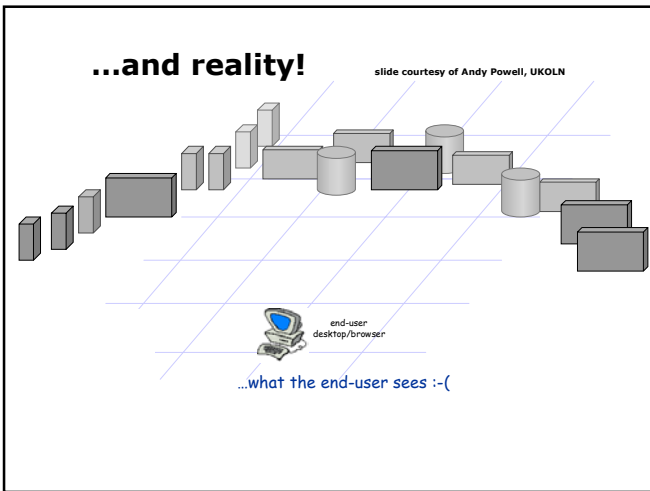
Average Internet User



Subject Portals

- Initiatives within UK Higher Education to invest in portals - institutional and subject based
- Part of JISC Information architecture
- EEVL part of the Subject Portal Project
- Portal
 - single interface or environment for a number of services
 - cross-searching
 - personalisation





Who am I?

- Different kinds of users?
 - Institutional users
 - learning and teaching users
 - research users
 - student users
- Overlap?
 - Research into how users view portals

Why share at all?

- Duplication of effort
 - Within RDN
 - With other gateways and services
 - With commercial publishers – eg Scifinder
- Benefits to users of increasing content
- Desire to provide users with one interface to simplify process of locating and using information
- Technology allows more sharing of data, freely or under licence

Using OAI

- RDN Resource Finder
 - OAI repository of harvested OAI data from distributed databases to create a central cross-disciplinary service
- ePrints UK
 - metadata harvested from OAI archives (data providers), enhanced and presented through subject interfaces
- RDN-LTSN collaboration project
 - sharing of descriptions of learning and teaching resources via OAI
- EEVL as both a data provider and a service provider

Use of OAI

- LTSN-RDN Collaboration project

The diagram illustrates the data flow in the LTSN-RDN Collaboration project. It shows two main groups of nodes: LTSN centres (including a generic centre) and RDN hubs (including the Resource Finder). Arrows indicate data flow: solid arrows for UKCMF / OAI-PMH and dashed arrows for DC / OAI-PMH. A central 'partnership activity' node connects the two groups. Other portals like 'an other portal' and 'L&T portal' are also shown with bidirectional connections.

Challenge to gateways

- What can we offer?
 - Selection of information as important as before
 - Subject expertise in selecting resources
 - Provide easy access to sources of free information - databases, metadata for Inderscience journals
 - Creative thinking of how we can make our resources available to more users
 - Reading Lists
 - Virtual Learning Environments
 - Present information in a more targeted way

EEVL booklets

- Selected resources



Conclusion?

- What makes a good service
 - Reliability of the links
 - Confidence the user has that these have been selected with them in mind
 - Support for teaching and learning initiatives
- Future
 - Seamless searching and access to multiple engineering, maths and computing resources
 - Aggregated news and jobs services
- One stop for information, but also flexible enough to provide specific information to third parties
- Data provider and a service provider