Human Quality Assurance for Web Resource Catalogues

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Overview

Concerns about information quality

• Why can’t we take the Internet at face value?

Human Quality Assurance for Web Resource Catalogues

• Some issues: time, cost, etc
Issues of quality on the Internet

- Sheer volume of information
- Ephemeral nature of much information
- Ease of self-publishing
  - the personal home page phenomenon
- Lack of peer review or editorial and refereeing processes
- Possible serious consequences of inaccurate health information
Limitations of search tools

- Indiscriminate, unwieldy retrieval from search engines
- Output mostly lacks context
- Ranking algorithms
Difficulties evaluating networked information resources

- They cannot be browsed in the same way as print
- They tend not to have a set of common features
  - (e.g. statement of responsibility, introduction, preface, table of contents, index)
- There may be time and cost implications
Welcome to NMAP

NMAP is a free catalogue of hand-selected and evaluated Internet resources in Nursing, Midwifery and the Allied Health Professions. New resources are added weekly.

News Update
Change on the way for the RDN - find out more...

Use the keyword search box above, or browse resources by subject heading.

Additional Services

- Hot Topics
- NMAP search box to include on your own site
- Internet for Nursing, Midwifery and Health Visiting tutorial
- Internet for Allied Health tutorial
- Latest academic medical and related jobs from jobs.ac.uk

Email: webmaster@biome.ac.uk, or see contacts DISCLAIMER (c) The University of Nottingham
Helping you to make better health decisions

Get the facts about the top treatment options.

We can tell you which treatments really work and which don't work, based on the best and most up-to-date medical research.

BestTreatments is the only website that rates thousands of health and medical treatments, based on how well they work. You'll know the best way to lower your blood pressure, manage your child's asthma and ease your back pain.

**PATIENTS**

Choose a condition

**DOCTORS**

Choose a condition

**DECISION SUPPORT**

- Shared decision-making: working with your doctor
- How to make the best decisions about treatment
- Understanding risks

**OPERATIONS AND TESTS**

- Circumcision for a tight foreskin
- Inguinal hernia repair
- Knee replacement
- Having an abortion
- HP replacement
- Removing wisdom teeth
Health-EU Portal

The Health and Consumer Protection Directorate-General is pleased to present the Health-EU Portal (the official public health portal of the European Union) and the wide range of information and data on health-related issues and activities at both European and international level.

Links to...
- Babies and Children
- Women
- Men
- People with Disabilities
- Young People
- Elderly
- Nutrition
- Drugs
- Travel
- Alcohol
- Tobacco
- Sports and Leisure
- Sex

MY HEALTH

MY LIFESTYLE

MY ENVIRONMENT

HEALTH PROBLEMS

Links to...
- Commissioner Markos Kyprianou
- EU IAT: The Austrian Presidency of the Council of the EU

Events
- 9th Health Conference (10-12 May 2008)
- Greenweek (30 May - 2 June 2006)
- Employment, Social Policy, Health and Consumer Affairs Council
What is it?

• NMAP provides access to evaluated Internet information for nurses, midwives, physiotherapists, health visitors, dieticians, occupational therapists & other allied health professionals

• Aimed primarily at the UK HE, FE communities & practitioners

http://nmap.ac.uk/
Resource Discovery Network

RDN - http://www.rdn.ac.uk/
  – Aims to become a resource discovery service across a wide range of subject areas

Co-ordinated by the Network Centre, the RDNC
  – BIOME – life and health sciences
  – SOSIG – social sciences
  – EMC – engineering, maths, computing
  – Humbul - humanities
  – PSIgate – physical sciences
Biome Gateways

'Live' records as of 24 April 2006

BIOME

• a “parent” service, providing access to, and integration of, five gateways to quality Internet resources. Focused on HE, FE and wider audiences

All hand selected and evaluated for inclusion

• 9191 omni
• 5599 natural
• 4397 agrifor
• 3928 nmap
• 2636 bioresearch
• 2399 vetgate

Wellcome Gateways

• 662 Bioethics Web
• 1105 MedHist
• 971 psci-com

Total= 30,888
Searching

Simple

– Free text search, phrases, automatic “AND”, punctuation accepted
– N.B. Also searches OMNI (6,500 records)

Advanced Options to:

– limit your search by resource type e.g. mailing list, teaching resources, practice guideline
– Display a list of titles only
– Truncation
## BIOME Evaluation criteria in detail

### Context
- **Scope** – what is the subject scope and is it relevant to the BIOME community?
- **Audience** – who is it intended for?
- **Authority** – who has produced it? What are their qualifications?
- **Provenance** – how long has the resource been available? Is it stable?

### Content
- **Coverage** – what is the subject coverage of the resource? Is it at a suitable level for the BIOME community?
- **Accuracy** – has there been an editing process? Is there any evidence that the source maybe biased?
- **Currency** – is the information up-to-date? How frequently is it updated?

### Format
- **Accessibility** – are there any access restrictions or special requirements? Is there a charge for the service?
- **Design and layout** – is the resource well designed? Are images used appropriately? Is there any aids to navigation?
- **Ease of use** – is it easy to use? Is there help information and user support?
User evaluations

• An evaluation of NMAP was completed by 671 users.

• Findings indicate: -
  – 88% of respondents were able to find the information they wanted easily.
  – 84% rated the relevance of the resources they found as being Good or Excellent.
Our new Service

The Resource Discovery Network (RDN) will be relaunched as Intute on July 13th 2006. See: www.intute.ac.uk/development

To make it easier and quicker to use, we are integrating our eight hubs into four subject groups:
Issues of Human QA

• Time per record 60-90 minutes
• Expertise needed –
  – Information professional v subject expert
  – Training
• Review periods
• Cost
Automatic V Human

- Large Volume
- General audience
- Description poor
- Lacking context
- Semantic indexing
- Provenance unclear
- Authority doubtful
- Cheap

- Smaller numbers
- Targeted for audience
- Clear description
- Context explained
- Recognised thesauri
- Clear Provenance
- Authority clear
- Expensive
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