

References

- Aalberg, T. (2002) Navigating in Bibliographic Catalogues. ECDL pg. 238-250
- Arms, W. (2002) Digital Libraries. [Online]. Available: <http://www.cs.cornell.edu/wya/DigLib> [04 March 2003]
- Belcher, M. & Chipchase, J. Sealy, I. (1999) JISC Web Site Usability Study: Report and recommendations on the JISC web site. [Online]. Available: <http://www.jisc.ac.uk/pub00/usability.doc> [10 Jan 2003]
- Berners-Lee, T. (1989) Information Management: A Proposal. Retrieved 2nd March 2003, from <http://www.w3.org/History/1989/proposal.html>
- Bias, R. R. & Mayhew, D.J., Eds. (1994) Cost-Justifying Usability. Academic Press, Mass.
- Bird C, Elliott P, Hayward P. (1999) *Content-Based Retrieval for European Image Libraries*, The Challenge of Image Retrieval, Newcastle (in press)
- Blomberg, J.L. & Henderson, A. (1990) Reflections on Participatory Design: Lessons from the Trillium Experience, in Proceedings of CHI'90 (Seattle WA, April 1990), ACM Press, 353-359.
- Brinck, T. & Gergle, D. Wood, SD. (2002) Designing Web Sites That Work – Usability For the Web. London: Academic Press.
- Bush V 1945 As we may think. The Atlantic Monthly, 176, 101-108.
- Calde, S. Goodwin, K. & Reimann, R. (2002). SHS Orcas: The first integrated information system for long-term healthcare facility management. [Online] Available: http://www.aiga.org/resources/content/7/6/2/documents/FORUM_calde_case_032102.pdf [08 Jan 2003]
- Capra, M. (2001) An Exploration of End-User Critical Incident Classification, MSc Thesis, [Online]. Available: http://scholar.lib.vt.edu/theses/available/etd-11122001-143830/unrestricted/MCapra_thesis.pdf [19 Dec 2002]

Cartwright W (2002) Building a Better Mousetrap: Considerations for the provision of appropriate new media artifacts for enhancing the access to and use of Geospatial information, *Cartography* Vol 31 No 1, June 2002, pp77-86

Colton, D. (1999) An Assessment of the Effectiveness, Impact, and End- use of a New Intranet at Nationwide Building Society. City University: MSc

Cooper, A. (1999). *The inmates are Running the Asylum*. Indianapolis: Sams Publishing.

Danino, N. (2001) Heuristic Evaluation - a Step By Step Guide. Retrieved 2nd March 2003, from <http://www.sitepoint.com/article/heuristic-evaluation-guide>

Davies, C., & Medyckyj-Scott, D. (1994). GIS usability: recommendation based on the user's view. *International Journal of Geographical Information Systems*, 8(2)

Davies, C., & Medyckyj-Scott, D. (1996). GIS users observed. *International Journal of Geographical Information Systems*, 10(4).

Day, M. (1999) Image retrieval: combining content-based and metadata-based approaches. [Online]. Available: <http://www.ariadne.ac.uk/issue19/metadata/#12> [03 March 2003]

Denning, S., Hoiem, D., Simpson, M., & Sullivan, K. (1990). The value of thinking-aloud protocols in industry: A case study at Microsoft Corporation. *Proceedings of the Human Factors Society 34th Annual Meeting* (pp. 1285-1289). Santa Monica, CA: Human Factors Society.

Diaper, D. (2002) Scenarios and task analysis. *Interacting with Computers* 14(4): 379-395

Dix, A., Finlay, J., Abowd, G. & Beale, R. (1998) *Human Computer Interaction*. Hertfordshire: Prentice Hall.

DKC. (2003) Usability. [Online]. Available: http://dkc.mse.jhu.edu/dkc_usability.html [03 March 2003]

Eakins, P. & Graham, M. (1999) Content-based Image Retrieval: A report to the JISC Technology Applications Programme. [Online]. Available:

<http://www.unn.ac.uk/iidr/research/cbir/report.html#Heading2> [12 March 2003]

Ellis, R. D., Jankowski, T. B., & Jasper, J. E. (1998) Participatory design of an Internet-based information system for ageing services professionals. *The Gerontologist*, 38, 6 1998 , 743-748.

Ericsson, K. A. & Simon, H. A. (1984). *Protocol analysis: Verbal reports as data*. Cambridge, MA: The MIT Press.

Gabbard, J. & Hix, D. (1997) *A Taxonomy of Usability Characteristics in Virtual Environments*, Virginia Polytechnic Institute and State University: Blacksburg. [Online]. Available:

<http://csgrad.cs.vt.edu/~jgabbard/ve/taxonomy> [12 Jan 2003] p91.

Gilb, T. (1998) *Principles of Software Engineering Management*. Addison -Wesley

Glaze, G. (2002) *Personas for the S2S Project* [Online]. Available:

<http://www.cs.utexas.edu/users/almstrum/cs373/general/personas.html> [04 Jan 2003]

Gregor, P. Booth, P. Rowan, M. & Sloan, D. (1999) *Accessibility Audit of JISC Web Site*. 5 Nov 1999

Grout, C. & Ingram, C. Eds. (2001) *Working with the Distributed National Electronic Resource (DNER): Standards and Guidelines to Build a National Resource*. [Online] Available:

<http://www.jisc.ac.uk/dner/development/guidance/DNERStandards.html> [15 Dec 2002]

Helander, TK & Vora PR (1997) *Hypertext and its Implications for the Internet*. In Helander, TK. Landauer, P. Prabhu, P. *Handbook on Human-Computer Interaction*. Elsevier Science

Holtzblatt, K., & Beyer, H. R. (1993). Making customer-centered design work for teams. *Communications of the ACM*, 36, 10, 92-103.

Hourihan, M. (2002) Taking the “You Out of User: My Experience Using Personas. [Online]. Available: <http://www.boxesandarrows.com/archives/002330.php> [08 Jan 2003]

IBM (2001). Cost justifying case of use, Complex solutions are problems. [Online]. Available: http://www-3.ibm.com/ibm/easy/eou_ext.nsf/Publish/23 [10 Jan 2003]

ISO 9241 (1994). ISO 9241-11 DIS Ergonomic Requirements for Office Work with Visual Displays (VDTs): - Part II: Guidelines on Usability.

Ivory, M. & Hearst, M. (2001) The State of the Art in Automated Usability Evaluation of User Interfaces, in *ACM Computing Surveys*, 33 (4), December 2001, pp. 173-197.

Jeffries, R., Miller, J. R., Wharton, C., & Uyeda, K. M. (1991). User interface evaluation in the real world: A comparison of four techniques. *Proceedings of CHI 91*, 119-124. New York, NY: ACM.

JISC. (2000) Web Site Re-design. [Online]. Available: <http://www.jisc.ac.uk/new/new-design.html>

JISC. (2001) Annual Report 2001, A Far Reaching Vision.

JISC (2002a) Information Environment: Development Strategy 2001-2005 (Draft). [Online]. Available: <http://www.jisc.ac.uk/dner/development/IEstrategy.html> [11 Dec 2002]

JISC (2002b) Working with the Distributed National Electronic Resource (DNER): Standards and Guidelines to Build a National Resource. [Online]. Available: <http://www.jisc.ac.uk/dner/development/guidance/DNERStandards.html>

JISC (2003a) Landmap, *Collections* [Online]. Available: http://www.jisc.ac.uk/index.cfm?name=coll_landmap&src=alpha [02 April 2003]

JISC (2003b) Digimap, *Collections* [Online]. Available: <http://www.jisc.ac.uk/index.cfm?name=digimap&src=alpha> [02 April 2003]

JISC (2003c) Bristol Biomedical Archive, *Collections* [Online]. Available:
http://www.jisc.ac.uk/index.cfm?name=coll_bba&src=alpha [02 April 2003]

JISC (2003d) St Andrews University Library Image Collection, *Collections* [Online]. Available:
<http://www.jisc.ac.uk/index.cfm?name=standrewsuniversitylibraryimagecollection&src=alpha>
[02 April 2003]

JISC (2003e) Collections [Online]. Available:
<http://www.jisc.ac.uk/index.cfm?name=visualartsdataserviceonlinecatalogue&src=alpha> [02
April 2003]

John, B.E. and Marks, S.J. (1997) Tracking the effectiveness of usability evaluation methods.
Behaviour and Information Technology, Vol. 16, no. 4/5, 188-203.

Kantner, L. & Rosenbaum. (1997) Usability Studies of WWW sites: Heuristic Evaluation vs.
Laboratory Testing, SIGDOC 97 Proceedings. [Online]. Available:
<http://www.teced.com/PDFs/sigdoc97.pdf> [05 Jan 2003]

KINDS (2003) About KINDS I. [Online]. Available:
<http://www.kinds.ac.uk/kinds/AboutKINDS/default.htm> [31 March 2003]

Kirakowski, J. (2002) Questionnaires in Usability Engineering: A list of frequently asked
questions. [Online]. Available: <http://www.ucc.ie/hfrg/resources/qfaq1.html> [28 Dec 2002]

Kirby, M (1991) Custom Manual, Technical Report DPO/STD/1.0, HCI Research Centre,
University of Huddersfield.

Lesk. M (1997) *Practical Digital Libraries*. Morgan Kaufmann Publishers, San Francisco, CA,
1997.

Lewis, J. R. (1995). IBM computer usability satisfaction questionnaires: Psychometric evaluation
and instructions for use. *International Journal of Human-Computer Interaction*, 7, 1, 57-78.

Li, CS., Bree, D., Moss, A., Petch, J. (1999) Developing Internet-Based User Interfaces for Improving Spatial Data Access and Usability. [Online]. Available: http://www.ncgia.ucsb.edu/conf/SANTA_FE_CD-OM/sf_papers/li_chunsheng/santa_fe.html [03 Feb 2003]

Ma T. & Zaphiris P (2003) The Usability and Content Accessibility of the E-government in the UK, Human Computer Interaction International Conference, Crete, Greece.

MacCaulay, L; Fowler, C; Kirby, M & Hutt, A. (1990) USTM: A New Approach to Requirements Specification. *Interacting with Computers*, 2 (1)

Manning, H., McCarthy, J., & Souza, R. (1998) Why Most Web Sites Fail, *Interactive Technology Series*, Volume 3, Number 7, Forrester Research: September.

Marcus, A (2002). Return on Investment for Usable User-Interface Design: Examples and Statistics. Aaron Marcus and Associates, Inc . (AM+A)

Minibayeva, N. (2002). A User-Based Approach to Cognitive Walkthrough and Heuristic Evaluation. *SLIS Event News* [Online]. Available: http://www.slis.indiana.edu/news/story.php?story_id=406 [20 Jan 2002]

Molich, R., Bevan, N., Curson, I., Butler, S., Kindlund, E., Miller, D., & Kirakowski, J. (1998). Comparative evaluation of usability tests. *Proceedings of UPA 98*.

Molich, R., Thomsen, A. D., Karyukina, B., Schmidt, L., Ede, M., van Oel, W., & Arcuri, M. (1999). Comparative evaluation of usability tests. *CHI 99 Extended Abstracts*, 83-84. New York, NY: ACM.

Moller-Jensen, L (1999) Monitoring User Responses to Web-Based GI Interfaces. [Online]. Available: <http://agile.isegi.unl.pt/Conference/Roma1999/Abstract/Download/PDF/45-MollerJensen.PDF> [03 Feb 2003]

Nicholas, D. (2001) Methods - Surveys, Sampling and Questionnaire Design, [Online]. Available: http://webct soi.city.ac.uk/SCRIPT/PP_01/scripts/serve_home [20 Dec 2002]

Nielsen, J. (1993) Usability Engineering. London: Academic Press Limited.

Nielsen, J. (1995) Severity Ratings for Usability Problems, *Papers and Essays – Heuristic Evaluation*, [Online]. Available:

<http://www.useit.com/papers/heuristic/severityrating.html> [03 Jan 2003]

Nielsen, J., & Landauer, T. K. (1993). A mathematical model of the finding of usability problems. Proceedings of INTERCHI 93, 206-213. New York, NY: ACM.

Nielsen, J. (2002) Writing for the Web [Online]. Available:

<http://www.sun.com/980713/webwriting> [20 Jan 2003]

Olson, J. S., & Moran, T. P. (1996). Mapping the method muddle: Guidance in using methods for user interface design. In M. Rudisil, C. Lewis, P. G. Polson, & T. D. McKay (Eds.), *Human-Computer interface designs: Success stories, emerging methods, and real world context*, (pp. 269-300). San Francisco: Morgan Kaufmann Publishers, Inc.

Preece, J., Rogers, Y., Sharp, H., Benyon, D., Holland, S., & Carey, T. (1994). *Human-computer interaction*. Wokingham, UK: Addison-Wesley.

Preece, J., Rogers, Y. & Sharp, H. (2002) *Interaction Design: Beyond Human – Computer Interaction*. New York: John Wiley & Sons.

Scapin, D. et al. (1999) A Framework for Organizing Web Usability Guidelines, Eval Web project. [Online]. Available: <http://www.tri.sbc.com/hfweb/scapin/Scapin.html#Vanderdonckt99> [18 Dec 2002]

Shepherd, A. (1998) HTA as a framework for task analysis. *Ergonomics*, 41/11, 1537-1552.

Shneiderman, B. (1992) *Designing the user interface: Strategies for effective human-computer interaction*: Addison-Wesley Publishing Company, Inc., 1992

Shneiderman, B. (1998). *Designing the user interface. Strategies for effective human-computer interaction*. 3d ed. Reading, MA: Addison-Wesley.

Shneiderman. B. (2000), Universal usability, Communications of the ACM, v.43 n.5, p.84-91, May 2000

Sloan M, (2001) Web Accessibility and the DDA, Refereed article, The Journal of Information, Law and Technology (JILT). [Online]. Available: <http://elj.warwick.ac.uk/jilt/01-2/sloan.html>

Smith, P.& Reinertsen D. (1991). Developing products in half the time. New York, Van Nostrand Reinhold.

Soergel, D. (2002) A Framework for Digital Library Research: Broadening the Vision. D-Lib Magazine 8(12)

Spool, J. (2002) Evolution Trumps Usability Guidelines UIE tips. Retrieved 2nd March 2003, from http://www.uie.com/articles/evolution_trumps_usability/

Stanford University (2002). Design for Learning: an overview of the scenario-based framework with examples of how to apply the theory into the design. [Online] Available: <http://ldt.stanford.edu/~gimiller/Scenario-Based/scenarioIndex2.htm> [20 Jan 2003]

Theng Y.L., Duncker, E., Mohd-Nasir, N., Buchanan, G., Thimbleby, H. (1999) Design Guidelines and User-Centred Digital Libraries. ECDL: 167-183

Thornton, C. (2002) Got Usability? Talking with Jakob Nielsen. [Online]. Available: <http://www.boxesandarrows.com/archives/002321.php> [17 Dec 2002]

Travis, D. (2002) Should you invest in an accessibility audit or a usability audit? SystemConcepts Available: <http://www.system-concepts.com/articles/accessaudit.html>

UsableNet (2002) What is Accessibility [Online] Available: http://www.usablenet.com/accessibility_usability/accessibility.html [09 Jan 2003]

Usability.gov. (2002) Methods for Designing Usable Web Sites. [Online] Available: <http://usability.gov/methods/>

User Interface Engineering (2002) People search once, maybe twice [Online] Available:

http://www.uie.com/Articles/search_once.htm

Van Den Broek, EL., Kisters, VP.& Von Schmid, JPM. (2002) Content-Based Image Retrieval: Color-selection exploited. [Online]. Available:

<http://hwr.nici.kun.nl/~vuurpijl/publications/dir02.pdf> [10 April 2003]

Walsh, K., Pancake, C., Wright, S., Hanus, FJ. (2002) Humane Interfaces to Improve the Usability of Data Clearinghouses. In: Egenhofer, MK and Mark, DM (Ed's), *GIScience 2002*. Berlin. Springer

Wharton, C., Rieman, J., Lewis, C., & Polson, P. (1994). The cognitive walkthrough method: A practitioner's guide. In Nielsen, J., & Mack, R. L. (Eds.), *Usability inspection methods*, 105-140. New York, NY: John Wiley & Sons.

Zaphiris, P. & Ellis, R.D. (2001). 'Website Usability and Content Accessibility of the top USA Universities'. In *Proceedings of WebNet 2001 Conference*, October 23-27. Orlando, FL.