



RePAH:

Research Portals in the Arts and Humanities

A user analysis project

References Cited and Resources Consulted

Prepared by RePAH Project Team

<http://repah.dmu.ac.uk/report>



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The RePAH Project

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The RePAH Project

In July 2005, the RePAH Project was commissioned to carry out a survey of user-needs for information portals in the Arts and Humanities by the AHRC ICT in Arts and Humanities Programme. It sought to understand how the arts and humanities research community finds and exploits the internet resources it needs.

In order to do this the RePAH project:

- Examined the existing literature on user needs with regard to web gateways and portals,
- Analysed the web-logs from the Arts and Humanities Data Service (AHDS) subject centres and the Resource Discovery Network's (RDN) humanities and arts web hubs (prior to July 2006 these were known as Humbul and Artifact, but now have been harmonised into Intute-Arts and Humanities)
- Conducted focus groups, interviews and a Delphi exercise with members of the arts and humanities community
- Developed and tested a paper-based demonstrator for a managed research environment to explore possible ways forward with regard to web-based research resources.

The project was carried out in 7 work packages:

- WP1 RePAH Online Questionnaire--this report examines an online survey of the Arts and Humanities Community's use of web resources.
- WP2 Web-Log Analysis--this report analyses web-logs from several of the Arts and Humanities Data Service subject centres as well as Humbul and Artifact of the Resource Discovery Network (now Intute).
- WP3 First Focus Group--this report studies the responses from a series of five focus groups conducted at the University of Sheffield and three interviews from DeMontfort University. Respondents discussed their use of web resources in general and portals in particular.
- WP4 Delphi Exercise--this report considers the results of a Delphi exercise conducted around the feasibility of various web-based tools.
- WP5 Demonstrator of a Managed Research Environment--this report is an exploration of a paper-based demonstrator of a variety of features that might be applied as portlets and used by the Arts and Humanities research community.
- WP6 Phase II User Trials of Portal Demonstrator--this report brought the paper-based demonstrator to scholars in eight subjects within the Arts and Humanities community and asked them to evaluate the features and functionality of possible portlet tools.
- WP7 Intute in Light of this Report--this report explores Intute-Arts and Humanities with reference to the features and functionality explored in the paper-based managed research environment demonstrator.

Additional appendices within the RePAH Project report include an overview of the Arts and Humanities research community [Appendix A2], and a review of the literature relevant to user requirements for digital resources and web-based research facilities [Appendix A3].

This appendix reports on Work Package 7 which examines Intute-Arts and Humanities with reference to the features and functionality explored in the paper-based managed research environment demonstrator, as well as some the data harvesting of the AHDS by Intute.

To see the full report and the other appendices see <http://repah.dmu.ac.uk/report>.

References Cited and Resources Consulted

- (AHDS Archaeology Data Service), Arts and Humanities Data Service (1997), 'AHDS Archaeology Annual Report 1996-1997.'
<http://ads.ahds.ac.uk/project/annrpts/1997rpt.html>.
- (1998), 'AHDS Archaeology Annual Report 1997-1998.'
<http://ads.ahds.ac.uk/project/annrpts/1998.html>.
- (1999), 'AHDS Archaeology Annual Report 1998-1999.'
<http://ads.ahds.ac.uk/project/annrpts/1999.html>.
- (2000), 'AHDS Archaeology Annual Report 1999-2000.'
<http://ads.ahds.ac.uk/project/annrpts/2000.html>.
- (2001), 'AHDS Archaeology Annual Report 2000-2001.'
<http://ads.ahds.ac.uk/project/annrpts/2001.html>.
- (2002), 'AHDS Archaeology Annual Report 2001-2002.'
<http://ads.ahds.ac.uk/project/annrpts/2002.html>.
- (2003), 'AHDS Archaeology Annual Report 2002-2003.'
<http://ads.ahds.ac.uk/project/annrpts/2003.html>.
- (2004a), 'AHDS Archaeology Annual Report 2003-2003.'
<http://ads.ahds.ac.uk/project/annrpts/2004.html>.
- (2004b), 'AHDS Archaeology Annual Report 2003-2004.'
<http://ads.ahds.ac.uk/project/annrpts/2004.html>.
- (2005), 'AHDS Archaeology Annual Report 2004-2005.'
<http://ads.ahds.ac.uk/project/annrpts/2005.html>.
- (AHDS-History), Arts and Humanities Data Service (1997), 'AHDS History Annual Report 1996-1997.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual1996-97.htm>.
- (1998), 'AHDS History Annual Report 1997-1998.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual1997-98.htm>.
- (1999), 'AHDS History Annual Report 1998-1999.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual1998-99.htm>.
- (2000), 'AHDS History Annual Report 1999-2000.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual1999-2000.htm>.
- (2001), 'AHDS History Annual Report 2000-2001.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual2000-01.htm>.
- (2003), 'AHDS History Annual Report 2002-2003.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual2002-03.htm>.
- (2004), 'AHDS History Annual Report 2003-2004.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual2003-04.htm>.
- (2005), 'AHDS History Annual Report 2004-2005.'
<http://ahds.ac.uk/history/about/reports-and-policies/annual/annual2004-05.htm>.
- (AHDS-Literature Language and Linguistics), 'Arts and Humanities Data Service 'Oxford Text Archive Annual Report – 1st August 2000-31st July 2001.'
http://ahds.ac.uk/litlangling/about/reports/AHDSLLL_Annual%20Report_2000-01.pdf.
- (2002), 'AHDS Oxford Text Archive Annual Report – 1st August 2001 - 31st July 2002.'
http://ahds.ac.uk/litlangling/about/reports/AHDSLLL_Annual%20Report_2001-02.pdf.
- (2003), 'AHDS Literature Language and Linguistics Annual Report - August 2002 – July 2003.'
http://ahds.ac.uk/litlangling/about/reports/AHDSLLL_Annual%20Report_2002-03.pdf.
- (2004), 'AHDS Literature Language and Linguistics Annual Report - August 2003 – July 2004'
http://ahds.ac.uk/litlangling/about/reports/AHDSLLL_Annual%20Report_2003-04.pdf.
- (2005), 'AHDS Literature Language and Linguistics Annual Report August - 2004 – July 2005.'
http://ahds.ac.uk/litlangling/about/reports/AHDSLLL_Annual%20Report_2004-05.pdf.
- (AHDS Performing Arts), 'Arts and Humanities Data Service Performing Arts (2003), Arts and Humanities Data Service Performing Arts Annual Report 2003.'
<http://ahds.ac.uk/performingarts/about/reports-and-policies/annual.htm>.
- (AHDS Visual Arts) (2005a), 'The Digital Picture: a future for digital images in UK arts education (AHDS Visual Arts).'
<http://thedigitalpicture.ac.uk/home.html>.
- (AHDS Visual Arts), Arts and Humanities Data Service (1998a), 'AHDS Visual Arts Annual Report 1997-1998.'

- http://ahds.ac.uk/visualarts/about/reports/pr_97-98.htm.
--- (1998b), 'VADS User Needs Survey 1998.'
http://vads.ahds.ac.uk/reports/user_survey/user_survey.html.
- (1999), 'AHDS Visual Arts Annual Report 1998-1999.'
http://ahds.ac.uk/visualarts/about/reports/pr_98-99.htm.
- (2000), 'AHDS Visual Arts Annual Report 1999-2000.'
http://ahds.ac.uk/visualarts/about/reports/pr_99-00.htm.
- (2001), 'AHDS Visual Arts Annual Report 2000-2001.'
http://ahds.ac.uk/visualarts/about/reports/pr_00-01.htm.
- (2002), 'AHDS Visual Arts Annual Report 2001-2002.'
http://ahds.ac.uk/visualarts/about/reports/pr_01-02.htm.
- (2003), 'AHDS Visual Arts Annual Report 2002-2003.'
http://ahds.ac.uk/visualarts/about/reports/pr_02-03.htm.
- (2004), 'AHDS Visual Arts Annual Report 2003-2004.'
http://ahds.ac.uk/visualarts/about/reports/pr_03_04.htm.
- (2005b), 'AHDS Visual Arts Annual Report 2004-2005.'
<http://ahds.ac.uk/visualarts/about/reports/Visual%20Arts%20Annual%20Report%202004-2005.pdf>.
- (AHDS Visual Arts), 'Arts and Humanities Data Service: Visual Arts 'Image Portal Demonstrator'
http://ahds.ac.uk/_print_/visualarts/projects/image-portal/index.htm.
- (AHDS) Arts and Humanities Data Service (2003), 'Arts and Humanities Data Service (AHDS) Annual Report 2002-2003.'
<http://www.ahds.ac.uk/history/about/reports-and-policies/index.htm>.
- (2003), 'Image Portal Demonstrator.'
<http://ahds.ac.uk/visualarts/projects/image-portal/index.htm>.
- (2004a), 'The Arts and Humanities Data Service Strategic Plan 2002-2005'(2004).
<http://ahds.ac.uk/about/reports-and-policies/index.htm>. <http://ahds.ac.uk/documents/exec-strategy-02to05-v1.pdf>.
- (2004b), 'Arts and Humanities Data Service (AHDS) Annual Report 2003-2004'
<http://www.ahds.ac.uk/history/about/reports-and-policies/ahds-annual-report-2003-04.pdf>.
- (2004c), 'AHDS Strategic Plan 2005-2007.'
<http://ahds.ac.uk/documents/exec-strategy-05to07.pdf>
- (2005), 'Arts and Humanities Data Service (AHDS) Annual Report 2004-2005.'
<http://www.ahds.ac.uk/history/about/reports-and-policies/ahds-annual-report-2004-05.pdf>.
- (AHRC), 'Arts and Humanities Research Council 'The Bright Path: Strategy for the Arts and Humanities Research in the UK.'
<http://www.ahrc.ac.uk/ahrb/website/news/publications.asp>.
http://www.ahrb.ac.uk/ahrb/website/images/4_94380.pdf.
- (2005), 'Annual Report 2004-05.'
http://www.ahrc.ac.uk/ahrb/website/images/4_96568.pdf.
- (2006), 'ICT in the Arts and Humanities.'
www.ahrcict.rdg.ac.uk/index.htm.
- (ANIR) Working Group on Access to Networked Information Resources (1994), 'Report of the Working Group on Access to Networked Information Resources', *Journal of Information Networking*, 2 (3).
- (HERA) Humanities in the European Research Area 'Homepage of the Humanities in the European Research Area (HERA).'
<http://www.heranet.info/Default.aspx?ID=102>
http://www.nwo.nl/nwohome.nsf/pages/NWOP_6D4C8L_Eng.
- (HESA) Higher Education Statistics Agency 'Staff Tables 2003-2004'
<http://www.hesa.ac.uk/holisdocs/pubinfo/staff.htm>.
- (2004b), 'Student Tables 2003-2004.'
<http://www.hesa.ac.uk/holisdocs/pubinfo/stud.htm>.
- 'HESA On-line Information Service.'
<http://www.hesa.ac.uk/holisdocs/home.htm>.
- (IATH), Institute for Advanced Technology in the Humanities (2005), 'Summit on Digital Tools for the Humanities', paper given at Summit on Digital Tools for the Humanities. Charlottesville, Virginia.
<http://www.iath.virginia.edu/dtsummit/SummitText.pdf>.
- (JISC) Joint Information Systems Committee (1999a), 'Adding value to the UK's learning, teaching and research resources: the Distributed National Electronic Resource (DNER).
<http://www.computing.dundee.ac.uk/projects/dmag/bobby/jisc/194b.html>
- (1999b), 'Description of the DNER' http://www.jisc.ac.uk/index.cfm?name=dner_description.

- (2002a), 'Adding Value to the UK's Learning, Teaching and Research Resources: the Distributed National Electronic Resource (DNER).'
- http://www.jisc.ac.uk/index.cfm?name=dner_adding_value.
- (2002b), 'JISC Five Year Strategy, 2001-2005'
- http://www.jisc.ac.uk/index.cfm?name=strategy0105_summary.
- (2003a) 'A Brief History of JISC.'
- http://www.jisc.ac.uk/index.cfm?name=about_history.
- (2003b), 'Description of the Distributed National Electronic Resource (DNER).'
- http://www.jisc.ac.uk/index.cfm?name=dner_description.
- (2003c) 'JISC Information Environment: Portals.'
- www.portal.ac.uk.
- (2003d), 'JISC Information Environment Portals: Investigations into User Requirements and Sustainability: INVITATION TO TENDER.'
- http://www.jisc.ac.uk/uploaded_documents/PortalsITTOct03.doc
http://www.jisc.ac.uk/index.cfm?name=funding_portals.
- (2003e), 'Portals: Frequently Asked Questions.'
- http://www.jisc.ac.uk/index.cfm?name=ie_portalsfaq.
- (2006a), 'Automating the Selection of Resources for eLearners', Cross-Institutional Use of E-Learning to Support Lifelong Learners Programme
- http://www.jisc.ac.uk/index.cfm?name=funding_circular03_06.
- (2006b), 'Invitation to Tender: The Arts and Humanities Data Service (AHDS) Review and User Survey'
- http://www.jisc.ac.uk/index.cfm?name=funding_ahds_review_and_user_survey
http://www.jisc.ac.uk/uploaded_documents/ITT%20AHDS%20Review%20and%20User%20Survey%20April%202006.DOC.
- (2006c), 'Notes from a Consultation Workshop on the Virtual Research Environments Programme', paper given at London, February 2006.
- http://www.jisc.ac.uk/uploaded_documents/VRE_Workshop_28Nov_notes.doc.
- (2006d), 'Virtual Research Environments Programme.'
- http://www.jisc.ac.uk/index.cfm?name=programme_vre.
- (JISC MU) Joint Information Services Committee Monitoring Unit (2005), 'Workflow Solution to the Preservation of Digital Media', 'Survey Report: Content Services 2004-05.'
- <http://www.mu.jisc.ac.uk/reports/surveys/>.
<http://www.mu.jisc.ac.uk/reports/surveys/ncs2004/ncs2004-05-survey-report.pdf>.
- (MIMETIC) Meeting Memory Technology Informing Collaboration 'Project Homepage.'
- <http://www.memetic-vre.net/>.
- (SOSIG) Social Science Information Gateway (2002), 'Evaluation and Feedback from User Communities.' Personal Communication.
- Aarseth, E. (2003), 'The Field of Humanistic Informatics and its Relation to the Humanities.'
- <http://www.hf.uib.no/hi/espen/HI.html>.
- Abbott, D. and Beer, E. (2006), 'Getting to Know Our Audience. AHDS Performing Arts Scoping Study.'
- <http://www.hatii.arts.gla.ac.uk/ahds-pa/>.
- Accenture (2003), 'University Portals: Opening Doors to Better Service.'
- <http://www.gre.ac.uk/ils/cis/portalproject/universityportals.pdf>.
- Adler, M., and Ziglio, E. (1996), 'Gazing into the oracle' (Bristol, PA: Jessica Kingsley).
- Agarwal, S. and Browning, P. (2004), 'Focusing on users: case study of portal user requirements analysis and user-testing sessions at the University of Bristol' *Online Information 2004 Proceedings*.
- http://www.online-information.co.uk/2004proceedings/wedpm/agarwal_browning.pdf.
- Allan, R., Awre, C. Baker, M., Fish, A (2003), 'Portals and Portlets 2003', *Technical Report UKeS-2004-06*.
- http://www.nesc.ac.uk/technical_papers/UKeS-2004-06.pdf.
- American Council of Learned Societies (1997), 'The Transformation of Humanistic Studies in the Twenty-first Century: Opportunities and Perils', Occasional Paper No. 40.
- <http://www.acls.org/op40.htm>.
- (2005), 'Our Cultural Commonwealth.'
- http://www.acls.org/cyberinfrastructure/cyber_report.htm.
- Anderson, I.G. (2004), 'Are you Being Served? Historians and the Search for Primary Sources.' *Archivaria* 58 (Fall).
- <http://archivists.ca/downloads/documentloader.aspx?id=3661>.
- Anderson, S. (2004), E-Science (E-Research Expert Seminar: Report on Proceedings. Senate House London.
- www.ahds.ac.uk.

- [http://www.ahds.ac.uk/e-science/e-science-seminar-2004.pdf#search=%22%20%22E-Science%20\(E-Research%20%20Expert%20Seminar%3A%20Report%20on%20Proceedings%22%22](http://www.ahds.ac.uk/e-science/e-science-seminar-2004.pdf#search=%22%20%22E-Science%20(E-Research%20%20Expert%20Seminar%3A%20Report%20on%20Proceedings%22%22).
- Anderson, S., Dunn, S., Hughes, L. (2005), 'VREs In the Arts and Humanities', paper given at All Hands Meeting.
http://www.ahrcict.rdg.ac.uk/info/vre/AHM05_paper.pdf.
- Armstrong, CJ; Lonsdale, R., Stoker, D., and Urquhart, C. (2000), JUSTEIS Project as detailed below:
--- (2000), 'JISC Usage Surveys: Trends in Electronic Information Services.'
--- (2000) 'Strand A: A general survey of end users of all electronic information services.'
--- (2000), 'Strand C: A general survey of electronic information services provision.'
--- (2000), 'Final Report - 1999/2000 Cycle.'
<http://www.dil.aber.ac.uk/dils/research/justeis/cyclrep0.htm>.
- Asensio, M. (2003), 'Final Study Report JISC User Requirement Study for a Moving Pictures and Sound Portal.'
http://www.jisc.ac.uk/uploaded_documents/MPSportaluserreqs.doc.
- Austin, T., Pinto, F., Richards, J. and Ryan, N. (2001), 'Joined up writing: an internet portal for research into the historic environment', paper given at Forthcoming paper in CAA 2001: Proceedings of Computer Applications and Quantitative Methods in Archaeology Conference., Gotland University, Visby, Gotland - Sweden, April 2001.
<http://www.cs.kent.ac.uk/pubs/2001/1261/>
<http://www.cs.kent.ac.uk/pubs/2001/1261/content.pdf>.
- Awre, C., Hanganu, G., Ingram, C., Brett, T., and Dolphin, I. (2005), 'The CREE Project: Investigating User Requirements for Searching within Institutional Environments ', *D-Lib Magazine*, 11 (10)
- Barab, S. A., and Krishner, D. (2001), 'Guest editors' introduction: 'Rethinking methodology in the learning sciences', *Journal of the Learning Sciences*, 10 (1&2), 5-15.
- Becher, T. (1987), 'Disciplinary Discourse', *Studies in Higher Education*, 12 (3), 261-74.
[http://taylorandfrancis.metapress.com/\(hgezqt55un1kpa553ajmx045\)/app/home/contribution.asp?referrer=parent&backto=issue,3,10;journal,67,91;linkingpublicationresults,1:104673,1](http://taylorandfrancis.metapress.com/(hgezqt55un1kpa553ajmx045)/app/home/contribution.asp?referrer=parent&backto=issue,3,10;journal,67,91;linkingpublicationresults,1:104673,1)
<http://taylorandfrancis.metapress.com/media/p3dgtppwwg62076klqfw/contributions/k/0/k/1/k0k185421441277x.pdf>.
- (1994), 'The Significance of Disciplinary Differences', *Studies in Higher Education*, 19 (2), 151-61.
[http://taylorandfrancis.metapress.com/\(ukbale45kiwotsyajxedb2vb\)/app/home/contribution.asp?referrer=parent&backto=issue,4,12;journal,47,91;linkingpublicationresults,1:104673,1](http://taylorandfrancis.metapress.com/(ukbale45kiwotsyajxedb2vb)/app/home/contribution.asp?referrer=parent&backto=issue,4,12;journal,47,91;linkingpublicationresults,1:104673,1)
<http://taylorandfrancis.metapress.com/media/h83augyqqjdufcxwhkdr/contributions/n/k/0/0/nk00303x8328m446.pdf>.
- Becher, T. and Trowler, P. (2001), *Academic Tribes and Territories: Intellectual Enquiry and the Culture of Disciplines* 2nd ed., Buckingham: Open University.
<http://mcgraw-hill.co.uk/openup/chapters/0335206271.pdf>.
- Beckles, B., Brostoff, S., and Ballard, S. (2004), 'A First Attempt: Initial Steps Toward Determining Scientific Users' Requirements and Appropriate Security Paradigms for Computational Grids.' Proceedings of the Workshop on Requirements Capture for Collaboration in e-Science. Edinburgh, UK.
http://www.escience.cam.ac.uk/papers/req_analysis/first_attempt.pdf.
- Beckles, B. (2004), 'User requirements for UK e-Science grid environments.'
<http://www.allhands.org.uk/2004/proceedings/papers/251.pdf>.
- Berman F., Fox G.C., Hey A.J.G. (eds.) (2003a), *Grid Computing: Making the Global Infrastructure a Reality*. John Wiley & Sons.
- Berman F., Fox G.C., Hey A.J.G. (2003b), 'The Grid: past, present, future' in Berman et al 2003a pp 9-50
- Berners-Lee, T., Hendler, J. and Lassila, O. (2001), 'The Semantic Web: A new form of Web content that is meaningful to computers will unleash a revolution of new possibilities'. In *Scientific American*, 17 May 2001.
<http://www.sciam.com/article.cfm?articleID=00048144-10D2-1C70-84A9809EC588EF21>
- Beyer, H. and Holtzblatt, K (1998), *Contextual Design: Defining Customer-Centered Systems* London: Morgan Kaufmann.
- Biblio-Tech Review 'Z39.50 Overview.'
http://www.biblio-tech.com/html/z39_50.html.
- Bowman, A., Crowther, C., Kirkham, R., and Pybus, J. (2005), 'Building a Virtual Research Environment for the Humanities: PROJECT PLAN.'
<http://bvreh.humanities.ox.ac.uk/BVREH-ProjectPlan-web.pdf>.
- Brewer, J. and Kilbride, W.G. (2005), 'HEIRNET User Survey 2005 Report and analysis (Council of British Archaeology).'
- British Library (1993), 'Information Technology in Humanities Scholarship' British Library R & D Report 6097.

- Brockman, W.S., Neumann, L., Palmer, C.L. and Tidline, T. (2001), 'Scholarly Work in the Humanities and the Evolving Information Environment.'
<http://www.clir.org/>
<http://www.clir.org/pubs/reports/pub104/pub104.pdf>.
- Brown, A. L. (1992), 'Design Experiments: Theoretical and Methodological Challenges in Creating Complex Interventions in Classroom Settings', *The Journal of the Learning Sciences*, 2, 141-78.
- Brown, S and Liang, V. (2005), 'Work Package 3 User Needs: Report'.
<http://aria.dmu.ac.uk/documents/WorkPackage3.pdf>.
- Brown, S., Bryson, J., Greengrass, M. and Ross, R. (2006), 'Arts and Humanities Data Service (AHDS) Review and Final Report', unpublished report to Joint Information Systems Committee and Arts and Humanities Research Council.
- Burnard, L. and Short, H. (1994), 'An Arts and Humanities Data Service. Report of a Feasibility Study' Commissioned by the Information Services Sub-Committee of the Joint Information Systems Committee of the Higher Education Funding Councils (Oxford).
- Burnard, L. (1999), 'Is Humanities Computing an Academic Discipline? or Why Humanities Computing Matters.'
<http://www.iath.virginia.edu/hcs/burnard.html>.
- Butters, G. (2003), 'What Features in a Portal?' *Ariadne* (35).
<http://www.ariadne.ac.uk/issue35/butters/>.
- Currier, S. and Campbell, L. (2002), 'Evaluating Learning Resources for Reusability: The DNER & Learning Objects Study', Australasian Society for Computers in Learning in Tertiary Education conference proceedings. Auckland 2002.
<http://ascilite.org.au/conferences/auckland02/proceedings/papers/059.pdf>
- Case, D. (2002), 'Looking for Information: A Survey of Research on Information Seeking Needs and Behaviour', ed. Harold Borko (Library and Information Science; London: Academic Press).
- Chae, B. and Poole, M (2005), 'Mandates and Technology Acceptance: A Tale of Two Enterprise Technologies', *Journal of Strategic Information Systems*, 14, 147-66.
http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6VG3-4G54HJ6-1-1&_cdi=6027&_user=128590&_orig=search&_coverDate=06%2F30%2F2005&_qd=1&_sk=999859997&_view=c&_alid=442604047&_rdoc=1&_wchp=dGLbVlz-zKwB&_md5=16225d99f0402dca64c9906fcd303ce2&_ie=/sdarticle.pdf.
- Chambers, S. and Tiedau, U. (2002), 'Research goes virtual', *Library and Information UPDATE*.
<http://www.cilip.org.uk/publications/updatesmagazine/archive/archive2002/july/update0207c.htm>.
- Chappell, D.A and Jewell, T. (2002), *Java Web Services*. O'Reilly and Associates.
- Christiansen, L.(2004), 'Blueprint for the European Research Observatory for the Humanities and Social Sciences (EROHS).'
<http://www.heranet.info/Admin/Public/DWSDownload.aspx?File=Files%2fFiler%2fERCH%2fRISSH-ESFRIJUNE2004-version.doc>.
- Clark, J. (2003), 'Overview and Requirements Analysis: General Portals Functionality for SAD I', Subject Portals Project Phase I Documents.'
<http://www.portal.ac.uk/spp/documents/phase1/projectplan/spdpoverview.doc>
<http://www.portal.ac.uk/spp/documents/phase1/>.
- (2001b) 'Subject Portals', *Ariadne*, (29)
<http://www.ariadne.ac.uk/issue29/clark/intro.html>
- Cliffe, P. and Powell, A. (no date) 'UK Z39.50 Directory'
<http://www.ukoln.ac.uk/distributed-systems/zdir/>.
- Cloiser, A. (2003), 'Interim User Requirements Report for the JISC Information Environment Service Registry.'
<http://iesr.ac.uk/inerimreqs.html>.
- Collins, A. (ed.), (1992), *Toward a design science of education*. E. Scanlon & T. Committee on a KNAW Research Institute for e-Science, (2003), 'Building the KNAW International Research Institute on e-Science Studies in the Humanities and Social Sciences (IRISS).'
<http://www.knaw.nl>
www.knaw.nl/publicaties/pdf/90000111.pdf
- Condron, F., Richards, J., Robinson, D., Wise, A. (1999), 'Strategies for Digital Data - A Survey of User Needs.'
<http://www.eng-h.gov.uk/archcom/projects/>
http://www.eng-h.gov.uk/archcom/projects/summaries/html98_9/2178main.pdf.
- Cooper, Ian (2004), 'Survey of the JISC Network Content Services 2004/05.'
<http://www.mu.jisc.ac.uk/reports/surveys/ncs2004/>.
- Cox, A. (2004), 'Building Collaborative eResearch Environments.'
http://www.jisc.ac.uk/index.cfm?name=event_report_eresearch.

- (ed.), (2006), *Portals: People, Processes and Technology*. Oxford: Facet.
- Creswell, J. (2002), *Research Design: Qualitative, Quantitative and Mixed Method Approaches*. London: Sage.
- Crouchley, R and Fish, A. (2004a), 'Roadmap for a UK Virtual Research Environment: Report of the JCSR VRE Working Group.'
http://tyne.dl.ac.uk/Sakai/sakai_doc/node11.html.
http://www.jisc.ac.uk/uploaded_documents/VRE%20roadmap%20v4.pdf.
- (2004b), 'SAKAI Evaluation Exercise: A Report to JISC--Role of Portals in a Virtual Research Environment.'
http://tyne.dl.ac.uk/Sakai/sakai_doc/node11.html.
- Cultural Heritage Consortium (2002), 'Heirnet: Historic Environment Information Resources Network. Users and their Uses of Heirs.'
<http://www.britarch.ac.uk/HEIRNET/publications.html>.
<http://www.britarch.ac.uk/HEIRNET/users.PDF>.
- De Rosa, C. Dempsey, L. and Wilson, A. (2004), '2003 Environmental Scan: Research and Learning Landscape.'
<http://www.oclc.org/reports/escan/toc.htm>.
<http://www.oclc.org/reports/escan/downloads/research.pdf>.
- Debus, M. (1995), *Methodological Review: A Handbook for Excellence in Focus Group Research* Washington, DC: Academy for Educational Development.
- Denzin, N.K., and Lincoln, Y.S. (ed.), (1994), *Handbook of Qualitative Research*. Thousand Oaks, CA: Sage.
- De Roure, D., Baker, M.A., Jennings, N. R. and Shadbolt N.R. (2003a), 'The evolution of the Grid.' in Berman, et al 2003a 65 – 100.
- De Roure D., Jennings N. R., Shadbolt N.R. (2003b), 'The Semantic Grid: a future e-Science infrastructure.' In Berman et al 2003a pp 438 – 470.
- Design-Based Research Collective (2003), 'Design-Based Research: An Emerging Paradigm for Educational Inquiry'. *Educational Researcher*, Vol. 32.1, pp. 5-8.
- Dimitrova, Maia 'Virtual Research Environments Programme.'
http://www.jisc.ac.uk/index.cfm?name=programme_vre.
- Dolphin, I.; Miller, P. and Sherratt, R. (2002), 'Portals, PORTALS Everywhere', *Ariadne*, (33).
<http://www.ariadne.ac.uk/issue33/portals/>.
- Duffy, C. and Kemp, S. (2004), 'What are the ICT needs of practice-based researchers in the visual and performing arts?' paper given at AHRC ICT Expert Seminars, London.
http://www.ahrcict.rdg.ac.uk/activities/expert_seminars/.
http://www.ahrcict.rdg.ac.uk/activities/expert_seminars/creative_and_performing_arts.pdf.
- Dunn, S. (2005), 'Gated gardens? Virtual Research Environments and cross-disciplinary challenges for e-Research', paper given at Digital Resources for the Humanities 2005, Lancaster University.
<http://ahds.ac.uk/drh2005/viewabstract.php?id=46&cf=1>.
- Dunn, S. and Dunning, A. (2005b), 'AHRC Research Centres and the Use of ICT.'
http://www.ahrcict.rdg.ac.uk/info/centres_projects/phase1.pdf.
- Dunning, A. (2004), 'The AHDS is Evolving: Changes at the Arts and Humanities Data Service', *Ariadne*, 38.
<http://www.ariadne.ac.uk/issue38/ahds/>.
- ESRC (2005), 'Review of International Data Resources and Needs '
http://www.esrcsocietytoday.ac.uk/ESRCInfoCentre/opportunities/Commissioning_updates/index86.aspx.
http://www.esrcsocietytoday.ac.uk/ESRCInfoCentre/Images/IRDRN_Brief_tcm6-8040.pdf.
- Fernie, K. (2003a), 'Revealing collections: discovery, access and interoperability.'
- (2003b), 'SMRs, Users and the Web and Users and their Uses of HEIRs', *Historic Environment Record News*, 1.
- Ferry, A. (1997), '1996 Survey of User Information Needs and Search Methods Results: Art, Design, Architecture & Media Information Gateway.'
<http://adam.ac.uk/adam/reports/survey/>.
- Finke, A. (1995), *How to sample in surveys*. London: Sage.
- Follett, B. (1993), 'Joint Funding Councils' Libraries Review Group (The Follett Report).'
<http://www.ukoln.ac.uk/services/papers/follett/report/>
- Foster I., Kesselman C. and Tuecke S. (2001), 'The anatomy of the Grid.' *International Journal of High Performance Computing Applications* Sage– reprinted in Berman et al 2003a 171 – 197,
- Foster I., Kesselman C., Nick J.M. and Tuecke S. (2002), 'The physiology of the Grid.' *The Global Grid Forum* – reprinted in Berman et al 2003a 217 – 249.
- Franklin, T. (2004), 'Portals in Higher Education: concepts and models.'
<http://www.obhe.ac.uk/products/reports/publicaccesspdf/February2004.pdf>.

- Fraser, M. (2005), 'Virtual Research Environments: Overview and Activity', *Ariadne*, (44).
<http://www.ariadne.ac.uk/issue44/fraser/>.
- (2006), '20.112 Humbul: The final regeneration.' Humanist Discussion Group, Vol. 20, No. 112.
http://www3.iath.virginia.edu/lists_archive/Humanist/v20/0111.html
- Frechtling, J. and Sharp Westat, L. (1997), 'User-Friendly Handbook for Mixed Method Evaluations'
<http://www.ehr.nsf.gov/EHR/REC/pubs/NSF97-153/START.HTM>
- Fry, Jenny (2004), 'The Cultural Shaping of ICTs within Academic Fields: Corpus-based Linguistics as a Case Study', *Literary and Linguistic Computing*, 3.
http://www.swetswise.com/swetsfo/swproxy?url=http%3A%2F%2Fwww.oxfordjournals.org%2FViewPDF%2FItlin%2Fhdb%2FVolume_19%2FIssue_03%2Fabstracts%2F190303.sgm&ts=1141311512924&cs=3536757245.
- (2006), 'Scholarly Research and Information Practices: A Domain Analytic Approach', *Information Processing and Management*, 42 (1), 299-316.
http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VC8-4DVVXJY-1-1&_cdi=5948&_user=128590&_orig=search&_coverDate=01%2F31%2F2006&_qd=1&_sk=999579998&_view=c&_alid=443570996&_rdoc=1&_wchp=dGLbVzb-zSkWW&_md5=505f16844e9e1106d89c6056e2fd6637&_ie=/sdarticle.pdf.
- Gannon, D. ;G. Fox, M. Pierce, B. Plale, G. von Laszewski, RG C. Severance, J. Hardin, J. Alameda, M. Thomas, J. Boisseau (2003), 'Grid Portals: A Scientist's Access Point for Grid Services (DRAFT 1).'
- <http://forge.gridforum.org/projects/ggf-editor/document/GCE-Portal-working-draft/en/1/GCE-Portal-working-draft.pdf>.
- Gardener, M. (2001), 'Portals--their role in the emerging networked economy.'
<http://www.essex.ac.uk/chimera/content/Pubs/pubs/EURESCOM-Gardner-portals.pdf>.
- Gerrard, D. (2005), 'Investigating the Application of a Grid Computing "Workflow" to standalone photo-historical data sources', (DeMontfort University).
- Goldfisher, K (1993), 'Modified Delphi: A Concept for Product Forecasting', *Journal of Business Forecasting*, Winter.
- Goodman, L. and Milton, K. (ed.), (2004), 'A Guide to Good Practice in Collaborative Working Methods and New Media Tools Creation' Catherine Owen (AHDS Guides To Good Practice).
<http://www.ahds.ac.uk/creating/guides/new-media-tools/index.htm>.
- Goodwin, C., Schwartz, M., Nielsen, J. (2005), 'Usability of Intranet Portals: A Report from the Trenches: Experiences from Real-Life Portal Projects. Usability of Intranet Portals: Executive Summary.'
<http://www.nngroup.com/reports/intranet/portals/summary.html>.
- Grout and Rymer, (1998), 'VADS User Needs Survey 1998: Report.'
http://vads.ahds.ac.uk/reports/user_survey/user_survey.html
- Greenbaum, T.L. (1993), *The Handbook of Focus Group Research*. New York: Lexington Books.
- Greenstein, D. (1998a), 'The Arts and Humanities Data Service Three Years' On', *D-Lib Magazine*, 12.
<http://www.dlib.org/dlib/december98/greenstein/12greenstein.html>.
- (1998b), 'The Arts and Humanities Data Service Three Years' On', *D-Lib Magazine*.
<http://www.dlib.org/dlib/december98/greenstein/>.
- Greenstein, D. and Trant J. (1996), 'AHDS: Arts and Humanities Data Service', *Ariadne*, (4).
<http://www.ariadne.ac.uk/issue4/ahds/>.
- Guy, M. (2003) 'User Testing Report.' Subject Access to the DNER (SAD I).'
<http://www.portal.ac.uk/spp/documents/testing/phase1/usertestingreportv3.doc>.
- Harely, Diane, Jonathan Henke, Ian Miller, Alison Head, David Nasatir, Jing Guo and Xi Sheng (2004), 'The Use of Digital Resources in Humanities and Social Science Undergraduate education.'
<http://digitalresourcestudy.berkeley.edu/>.
http://digitalresourcestudy.berkeley.edu/pdf/digitalresourcestudy_final_report_exec_summ.pdf.
- Harley, D. (2006), 'Use and Users of Digital Resources: A Focus on Undergraduate Education in the Humanities and Social Sciences.'
http://cshe.berkeley.edu/research/digitalresourcestudy/report/digitalresourcestudy_final_report.pdf
- Helmer, O. (1977), 'Problems in futures research: Delphi and causal cross-impact analysis', *Futures*, 17-31.
- Hepworth, M (1998), 'Investigating methods for understanding user requirements for information products', *Information Research*, 4 (2).
<http://www.informationr.net/ir/4-2/isic/hepworth.html>.
- Howcroft, D., Newell, S. and Wagner, E. (2004), 'Understanding the Contextual Influences on Enterprise System Design, Implementation, Use and Evaluation', *Journal of Strategic Information Systems* 13, 271-77.
- Katz, S. (2003), 'Why Technology Matters: the Humanities in the 21st Century', paper given at the Wisbey Lectures, King's College, University of London, 16 October 2003.

- <http://www.princeton.edu/~artspol/occaspap/Occasional%20Paper-Katz-10-16-03.pdf>.
- Kirkham, R. and Pybus, J. (2005), 'Building a Virtual Research Environment for the Humanities Interim Results of the User Survey.'
- http://bvreh.humanities.ox.ac.uk/BVREH_Interim_Results_of_User_Survey_Report_web.pdf.
- Kling, R., Spector, L. and McKim, G. (2002), 'Locally Controlled Scholarly Publishing Via the Internet: The Guild Model', *Journal of Electronic Publishing*, 8 (1).
- <http://www.press.umich.edu/jep/08-01/kling.html>.
- Klyne G., Carroll J.J., McBride B. (eds) (2004), 'Resource Description Framework (RDF): Concepts and Abstract Syntax.' W3C.
- <http://www.w3.org/TR/rdf-concepts/>
- Krueger, R.A. (1988), *Focus Groups: A Practical Guide for Applied Research*. Newbury Park, CA: Sage.
- Lamb, A. (2004) 'Web Portals: Rabbit Holes to Grand Gateways.'
- <http://www.eduscapes.com/sessions/portals/>.
- Li, S. and Wood, W. (2005), 'Use of Portals in the Academic World.'
- <http://www.educause.edu>
- <http://www.educause.edu/ir/library/pdf/CSD3738.pdf>.
- Lindstone, H., and Turoff, M (ed.), (1975), *The Delphi Method*. Addison Wesley.
- Lonsdale, R E, D A Stoker and C J Urquhart (2001), 'JISC Usage Surveys: Trends in Electronic Information Services.'
- <http://www.dil.aber.ac.uk/dils/research/justeis/jisctop.htm>.
- McCarty, W. (1989), 'Humbul.' Humanist Mailing List, Vol. 2, No. 552.
- http://lists.village.virginia.edu/lists_archive/Humanist/v02/0077.html.
- McCarty, W. and Short, H (2002), 'A Roadmap for Humanities Computing.'
- <http://www.allc.org/reports/map/>.
- McCarty, W. and Kirschenbaum, M (2003), 'Institutional models for humanities computing.'
- <http://www.allc.org/imhc/>.
- McCarty, W. (1999), 'Humanities Computing as Inter-discipline', paper given at 'Is Humanities Computing an Academic Discipline?' An Interdisciplinary Seminar, Institute for Advanced Technology in the Humanities Charlottesville, Virginia, USA.
- <http://www.kcl.ac.uk/humanities/cch/wlm/essays/inter/>.
- McLeod, M. (2004), 'User-Centered Product Creation in Electronic Publishing: Good Practice Models ', in Lizbeth Goodman and Katherine Milton (ed.), *A Guide to Good Practice in Collaborative Working Methods and New Media Tools Creation* (Glasgow: AHDS Performing Arts).
- Metcalfe, R. and Manning, P. 'The Requirements for User Profiling to support Portal functionality.'
- <http://www.portal.ac.uk/spp/documents/testing/phase1/userscenarios/profiling.doc>.
- Miller, P. and Greenstein, D. (1997), 'Discovering Online Resources Across the Humanities: A Practical Implementation of the Dublin Core.'
- <http://ahds.ac.uk/public/metadata/discovery.html>.
- Mitchell, V (1992), 'Using Delphi to Forecast New Technology Industries', *Marketing Intelligence and Planning*, 10 (2).
- Moffat, M. (2003), 'Summary of Portal Features Survey and Portal Consultancy Groups.'
- <http://www.eevl.ac.uk/public/ASP/info/>.
- (2003b), 'Humbul user testing – tested by 3 undergraduates; 3 postgraduates; three library staff; and 1 lecturer.'
- http://www.portal.ac.uk/spp/documents/testing/phase1/user/Collated_results_of_Humbul_user_testing.doc
- http://www.portal.ac.uk/spp/documents/testing/phase2/SPP_Testing_Round3_V1.doc.
- Morgan, D.L. (ed.), (1993), *Successful Focus Groups: Advancing the State of the Art*. Newbury Park, California: Sage.
- Network, Research Information 'Discovery Services: User behaviour, Perceptions and Needs.'
- <http://www.rin.ac.uk/?q=user-behaviour-perceptions-and-needs>.
- Nicholas, D., Huntington, P. & Williams, P. (2002), 'Evaluating metrics for comparing the use of web sites: a case study for two consumer health web sites', *Journal of Information Science*, 28, 63-75.
- Nicholas, D., Huntington, P. & Williams, P. (2004), 'Digital consumer health information and advisory services in the UK: a user-evaluation and sourcebook'
- <http://ciber soi.city.ac.uk/dhrgreports.php>.
- Nicholas, D., Huntington, P. and Watkinson, A. (2003a), 'Digital journals, big deals and online searching behaviour: a pilot study', *Aslib Proceedings*, 55, 84-109.
- Nicholas, D., Huntington, P., Lievesley, N. & Wasti, A. (2000), 'Evaluating consumer Web site logs: case study The Times/Sunday Times Web site', *Journal of Information Science*, 26, 399-411.

- Nicholas, D., Huntington, P., Rowlands, I., Russell, B. & Cousins, J. (2003b), 'Opening the digital box: what deep log analysis can tell us about our digital journal users.' Conference in Charleston, SC.
- Nicholas, D., Huntington, P., Williams, P. & Dobrowolski, T. (2004b), 'Re-appraising information seeking behaviour in a digital environment: bouncers, checkers, returnees and the like', *Journal of Documentation*, 60, 24-39.
- Notay, B. (no date), 'JISC Presentation Programme.'
http://www.jisc.ac.uk/index.cfm?name=programme_presentation.
- Palmer, C. and Neumann, L. (2002), 'The Information Work of Interdisciplinary Humanities Scholars: Exploration and Translation', *Library Quarterly*, 72 (1), 85-117.
- Pearce, L. (2003a), 'Apart from the weather, I think it's a good idea: Stakeholder Requirements for Institutional Portals', *Ariadne* (35).
<http://www.ariadne.ac.uk/issue35/pearce/>.
- (2003b), 'Defining users and their needs: the PORTAL project work in progress', *SCONUL Newsletter* Summer/Autumn.
http://www.sconul.ac.uk/pubs_stats/newsletter/29/6.RTF.
- (2003c), 'Institutional Portals: A Review of Outputs.'
<http://www.fair-portal.hull.ac.uk/downloads/portaloutputs.pdf>.
- Pearce, L., Carpenter, L., Martin, R. (2003d), 'Stakeholder Requirements for Institutional Portals.'
<http://www.fair-portal.hull.ac.uk/>
<http://www.fair-portal.hull.ac.uk/downloads/stakereq.pdf>.
- Peterson, E. and York, V. (2003), 'User-Evaluation of the Montana Natural Resource Information System (NRIS)', *D-Lib Magazine* 7/8.
<http://www.dlib.org/dlib/July03/peterson/07peterson.html>.
- Phelps, T. and Watry, P.B. (2005), 'A No-Compromises Architecture for Digital Document Preservation.' 9th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2005) Vienna, Austria.
<http://multivalent.sourceforge.net/Research/Live.pdf#search=%22%20%22a%20no%20compromises%20architecture%20for%20digital%20document%20preservation%22%22>.
- Pinfield, S. and Dempsey, L. (2001), 'The Distributed National Electronic Resource (DNER) and the hybrid library', *Ariadne*, 26.
<http://www.ariadne.ac.uk/issue26/dner/>.
- Pinto, F. and Fraser, M. (2003), 'The SPP and its Functionality', paper given at Investigations into Portals seminar, Oxford University Computing Services' May 2003.
http://www.portal.ac.uk/spp/documents/phase1/presentations/oucs/TheSPP_functionality_files/frame.htm.
- Powell, A (2001), 'RSLP (Research Support Libraries Programme) Collection Description.'
<http://www.ukoln.ac.uk/metadata/rsllp/>.
- (2006), 'JISC Information Environment Architecture.'
<http://www.ukoln.ac.uk/distributed-systems/jisc-ie/arch/>.
- Powers, S. (2003), *Practical RDF*. O'Reilly and Associates.
- Rogers, E. (1995), *Diffusion of Innovations*. 4th ed., London: Free Press.
- Rosenzweig, R. (2006), 'Can History Be Open Source? Wikipedia and the Future of the Past', *The Journal of American History*, 93 (1), 117-46.
<http://chnm.gmu.edu/resources/essays/d/42>.
- Ross, S. (2004), 'The Role of ERPANET in Supporting Digital Curation and Preservation in Europe', *D-Lib Magazine*, 7/8.
dlib.org/dlib/july04/ross/07ross.html.
- Ross, S., Anderson, I., Green, D., Albrecht, K. (2003), 'The NINCH Guide to Good Practice in the Digital Representation and Management of Cultural Heritage Materials.'
<http://www.nyu.edu/its/humanities/ninchguide/XII/>
<http://www.ninch.org/guide.pdf#search=%22%20%22the%20NINCH%20Guide%20to%20Good%20Practice%20in%20the%20Digital%20Representation%20and%20Management%20of%20Cultural%20Heritage%20Materials%22%22>.
- Rowley, J. (2001), 'JISC User Behaviour Monitoring and Evaluation Framework', *Ariadne*, 30.
www.ariadne.ac.uk/issue30/jisc.
- Sandoval, W. A., and Bell, P. (2004), 'Design-based research methods for studying learning in context: Introduction', *Educational Psychologist*, 39, 199-201.
- Schopf, J. and Newhouse, S. (2005), 'Real Users –Real Requirements: 25 Conversations with UK eScience Projects', paper given at UK eScience All Hands Meeting, Nottingham, September.
<http://www.unix.mcs.anl.gov/~schopf/Talks/25proj-ahm-sept05.pdf>.

- Schreibman, S., Siemens, R. and Unsworth, J (ed.), (2004), *A Companion to Digital Humanities*. Oxford: Blackwell Publishing.
- Sergeant, D M, S Andrews, A Farquhar (2005), 'EVIE Project: User Requirements Analysis Report.'
http://www.leeds.ac.uk/evie/workpackages/wp2/evieWP2_UserRequirementsAnalysis_v1_0.pdf.
- Shavelson, R. J., Phillips, D. C., Towne, L., & Feuer, M. J. (2003), 'On the science of education design studies', *Educational Researcher*, 32 (1), 25-28.
- Shaw, Wendy (2001), 'The use of the Internet by academics in the discipline of English literature: a quantitative and qualitative approach', *Information Research*, 6 (2).
<http://informationr.net/ir/6-2/ws8.html>.
- Short, Harold and Marilyn Deegan (2004), 'Expert Seminar: What do Humanities Researchers need from ICT?,' Arts and Humanities Research Council ICT Strategy Review.
http://www.ahrcict.rdg.ac.uk/activities/expert_seminars/.
http://www.ahrcict.rdg.ac.uk/activities/expert_seminars/humanities_needs.pdf.
- Silverman, D. (2004), *Doing Qualitative Research: A Practical Handbook*. London: Sage.
- Smith, N., Ferguson, N. and Schmoller, S. (2004), 'Personalisation in Presentation Service.'
www.therightplace.net/jp/.
- Spärck-Jones, K. (2005), 'E-resources for Research in the Humanities and Social Sciences - A British Academy Policy Review.'
<http://www.britac.ac.uk/reports/eresources/index.html>.
<http://www.britac.ac.uk/reports/eresources/report/eresources-pdf.pdf>.
- Sparks, S. (2005), 'JISC Disciplinary Differences Report.'
http://www.jisc.ac.uk/uploaded_documents/Disciplinary%20Differences%20and%20Needs.doc.
- Stephen, T. and Harrison, T. (2002), 'Building Systems Responsive to Intellectual Tradition and Scholarly Culture', *The Journal of Electronic Publishing* 1.
<http://www.press.umich.edu/jep/08-01/stephen.html>.
- Stewart, D.W., and Shamdasani, P.N. (1990), *Focus Groups: Theory and Practice*. Newbury Park, CA: Sage.
- Stone, S. (ed.), (1980), 'Humanities Information Research: Proceedings of a Seminar: Sheffield 1980' (Centre for Research on User Studies, 4; Sheffield: British Library Board).
- Talja, S. (2002), 'Information sharing in academic communities: Types and levels of collaboration in information seeking and use', *New Review of Information Behaviour Research*, 3, 143-59.
<http://www.uta.fi/~lisaka/>.
http://www.uta.fi/~lisaka/Taljaisic2002_konv.pdf.
- Unsworth, J. (2003), 'The Humanist: "Dances with Wolves" or "Bowls Alone"?' paper given at Scholarly Tribes and Tribulations: How Tradition and Technology Are Driving Disciplinary Change, October 17.
<http://www.arl.org/scomm/disciplines/Unsworth.doc>
http://www.arl.org/scomm/disciplines_program.html.
- University of Bristol Information Services (2004), 'Portals and Portal Frameworks.'
www.bris.ac.uk/is/projects/portal/portalbytes/.
- Wagner, E. and Newell, S. (2004), "Best' for Whom?: the tension between 'best practice' ERP packages and diverse epistemic cultures in a university context', *Journal of Strategic Information Systems*,
www.elsevier.co/locate/jcis.
- Waloszek, G. (2001), 'Portal Usability – Is There Such A Thing?' *SAP Design Guild*, Edition 3.
http://www.sapdesignguild.org/editions/edition3/overview_edition3.asp.
- Warwick, C., Terras, M., Huntington, P. and Pappa, N. (2006) 'If you build it will they come? The LAIRAH Study: Quantifying the use of online resources in the Arts and humanities through statistical analysis of user log data'. School of Library, Archive and Information Studies, University College London
- Watry, P. and Larson, R. (ed.), (2005), 'Cheshire 3 Framework White Paper: Implementing Support for Digital Repositories in a Data Grid Environment, Local to Global Data Interoperability - Challenges and Technologies, 2005.'
http://cheshire.berkeley.edu/Cheshire_Sardinia.pdf#search=%22%20%22cheshire%20%20framework%20white%20paper%22%22.
- Watson P. (2003), 'Databases and the grid' In Berman et al 2003a pp 363 – 384.
- Weymouth, T., Hardin, J., Golden, G., Severance, C. and Leasia, J. (2003), 'CHEF at the University of Michigan-and Onward', paper given at CIC Workshop.
http://www.cic.uiuc.edu/groups/CIOTechForumPlanningCommittee/archive/ConferencePresentation/TechForum2003/Topics/CollaborationTools_Weymouth.pdf#search=%22chef%20and%20the%20university%20of%20michigan%20and%20onward%22.
- White, C. (2003), 'Is the Portal Dead?' *DM Review*.
http://www.dmreview.com/editorial/dmreview/print_action.cfm?articleId=6959.

- Wilson, A. (ed.), (2004), '2003 OCLC Environmental Scan: Pattern Recognition' Dublin, Ohio: Online Computer Library Center.
<http://www.oclc.org/membership/escan/downloads/research.pdf>.
- Wilson, A. (1987), 'Libraries In Support of Scholarly Communications in the Humanities', Occasional Publication of the University of London Library Resources Coordinating Committee, 7.
- Working Group on Research Infrastructure in the Humanities and Social Sciences (2004), 'Blueprint for the European Resource Observatory for the Humanities (EROHS).'
<http://www.erch.info/Default.aspx?ID=3>.
- Wouters, P. (2004), 'The Virtual Knowledge Studio for the Humanities and Social Sciences @ the Royal Netherlands Academy of Arts and Sciences',
<http://www.virtualknowledgestudio.nl/en/>
<http://www.niwi.knaw.nl/nl/initiatieven/digitalisering/vks/C%3A%5CDocuments+and+Settings%5CElly%5CMy+Documents%5CThe+Virtual+Knowledge+Studio+for+the+Humanities+and+Soci al+Sciences.pdf>.
- Wright, C. (2006), 'AHRC ICT Strategy Project: Peer Review and Evaluation of Digital Resources for the Arts and Humanities.'
- Wynne, M. (2002), 'Linguistics and the Arts and Humanities Data Service.'
<http://www.ilas.ac.uk/resources/conferenceitem.aspx?resourceid=1314>.
- (2002), 'Setting the Agenda: Languages, Linguistics and Area Studies in Higher Education: 24-26 June 2002, Manchester Conference Centre, UMIST.'
<http://www.ilas.ac.uk>.
- (2004), 'Evaluation in the Arts and Humanities Data Service', Journal of Information and Knowledge Management Systems, 4.
<http://eprints.ouls.ox.ac.uk/archive/00000826/>.
<http://eprints.ouls.ox.ac.uk/archive/00000826/01/eprint.pdf>.
- Young, R. (2004), 'Findings of the Altis Survey 2003-2004.'
<http://www.portal.ac.uk/spp/documents/testing/phase2/altis/AltisSurvey20032004.doc>
- Zaphiris, P. (2004), 'Usability Studies -JISC Services and Information Environment.'
http://www.jisc.ac.uk/uploaded_documents/JISC-Usability-Studies-Final.doc.