



JISC Project Plan: *Mapping Crime beyond the John Johnson Collection*

Overview of Project

1. Background

Outline

The Bodleian Library, in partnership with ProQuest, will map between the crime material available through both *The John Johnson Collection: an Archive of Printed Ephemera* and the *Bodleian Library Broadside Ballads* project and a number of other online resources containing related material or source information. External links to relevant references and citations in open access resources including the *Old Bailey Proceedings Online*, Harvard Law School Library's digitized broadside collection *Dying Speeches and Bloody Murders*, and the *Newgate Calendar*, hosted by the University of Texas at Austin. Meanwhile, the Humanities Research Institute at the University of Sheffield will link back to *The John Johnson Collection* records through the Associated Records Database element of the *Old Bailey Proceedings Online*. Mapping to restricted-access resources such as *British Periodicals*, *British Newspapers 1600-1900* and *19th-century UK Periodicals* will also be investigated. A series of case studies and a workshop will focus on links between related crime material in the different resources and the ways in which different types of research can be enhanced by establishing such connections.

Previous work

The project will build on the work previously undertaken by two earlier projects. The *Bodleian Library Broadside Ballads* resource was created over a decade ago with funding from the NFF Specialised Research Collections Initiative, and includes several hundred digital surrogates of broadside ballads relating to crime. The *Electronic Ephemera* project was funded through the second phase of the JISC Digitisation Programme between 2007 and 2009, and produced the online resource *The John Johnson Collection: an Archive of Printed Ephemera*. This latter enterprise was the product of a unique partnership between the Bodleian Library and ProQuest to catalogue, conserve, digitise and deliver online some 65,000 items drawn from the Bodleian's John Johnson Collection of Printed Ephemera. The project endeavoured to broaden access to a wide array of rare or unique archival materials documenting various aspects of everyday life during the eighteenth, nineteenth and early twentieth centuries and, of the five sections in the Collection selected for inclusion in the project, the Crimes, Murders and Executions section is one of the most popular and most often consulted. This section of *The John Johnson Collection* includes some 1,400 detailed catalogue records, all with associated digital images, relating to over 1,500 broadsides, pamphlets and other crime-related material (duplicate items share a single catalogue record, though in many cases each duplicate will have a separate digital surrogate).

Benefits

The crime-related material presented through *The John Johnson Collection: an Archive of Printed Ephemera* and the *Bodleian Library Broadside Ballads* provides valuable documentary evidence which supports research in various aspects of social history: the judicial system and its sentences; public attitudes to crime and punishment; women and crime; the nature of contemporary reporting; and the practices associated with street printing during the period. The delivery of the metadata and images in *The John Johnson Collection* will be greatly enhanced through the provision of links to relevant material in other online resources, allowing users at all levels to be guided to information

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Version: 0.3
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Date: 03/08/2009

directly related to their area of research and encouraging them to build connections and follow trails between different resources. The availability of these cross-platform links, along with the proposed case studies and workshop, will also serve to increase both awareness and usage of the different types of online resources that can aid research in this field both in the UK and further afield.

2. Aims and Objectives

The primary aim of the project is to create hyperlinked references from items in *The John Johnson Collection* to directly relevant data in a number of external resources so that users at all levels of research can more easily follow their line of enquiry. Individual records in the resource will be mapped as appropriate to relevant pages in three main open access resources; the *Old Bailey Proceedings Online*, Harvard Law School Library's digitized broadside collections, *Dying Speeches and Bloody Murders*, the *Newgate Calendar*, hosted by the Tarlton Law Library at the University of Texas at Austin, and the and the *Bodleian Library Broadside Ballads*. Such mapping will allow a user to compare easily the official court transcript of a trial with the comparatively sensationalist version of events distributed to the public outside the courtroom, or for someone viewing a published trial proceeding to access the Harvard broadside for the convicted person's execution at a tap of a computer key. The Bodleian Library is currently investigating ways in which to standardise and more effectively deliver the *Bodleian Library Broadside Ballads* and there will thus be scope for such links to be incorporated into these records where appropriate in the future, taken directly from the relevant links established for records in *The John Johnson Collection*. Meanwhile, the Library will also work closely with the Humanities Research Institute at the University of Sheffield with a view to establishing return links from the Associated Records Database element of the *Old Bailey Proceedings Online* back to records in *The John Johnson Collection*. In conjunction with ProQuest, the scope for linking to appropriate records in restricted-access resources such as *British Periodicals*, *British Newspapers 1600-1900* and *19th-century UK Periodicals* will also be investigated. Aside from standard dissemination activities such as presentations and published articles, the latter stages of the project will also see the online publication of a number of case studies illustrating how documentary evidence from distinct resources can be connected to enhance research methods, and a workshop will provide a forum for researchers to discuss how such advancements might aid their investigations and to consider what further developments might also prove beneficial.

3. Overall Approach

The workflow for the project is illustrated in the work-packages outlined below (see also Appendix B):

Work-package 1: Project Management (Oct. 2009 – Dec. 2010)

Description: Day-to-day management of the project; liaison with JISC; liaison with project partners and collaborators; documented planning and reporting; legal documentation; communication framework.

Deliverables: All reports and formal agreements required by JISC.

Evaluation: Acceptance by JISC Programme Manager.

Responsibility: Project Director, Project Manager.

Work-package 2: Identification of related material in un restricted-access resources, including the Bodleian Library Broadside Ballads (Oct. 2009 – Oct. 2010)

Description: Review of all catalogue records in the Crimes, Murders and Executions section of *The John Johnson Collection* to identify and verify potential relationships with items in unrestricted resources.

Deliverables: Report of all potential mapping between the selected resources.

Evaluation: Acceptance by managers of all selected resources.

Responsibility: Project Manager.

Work-package 3: Investigation of linking to restricted-access resources (Nov. 2009 – Oct. 2010)

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Description: Identifying links to *British Periodicals*, *British Newspapers 1600-1900* and *19th-century UK Periodicals*, and determining potential for collaboration between commercial partners.

Deliverables: Potential collaboration between commercial partners.

Evaluation: Agreement to collaborate and establish links.

Responsibility: Project Manager, ProQuest.

Work-package 4: Establishing procedures for ensuring persistent links (Jan. 2010 – Nov. 2010)

Description: Development of procedures to ensure that links are persistent, and implementation of Digital Object Identifiers (DOIs) where necessary.

Deliverables: Persistent links between the resources.

Evaluation: Acceptance by managers of all selected resources.

Responsibility: Project Director, Project Manager, OULS's Systems & e-Research Service (SERS), Humanities Research Institute.

Work-package 5: Creating links to other resources (Apr. 2010 – Oct. 2010)*

Description: Implementation of hyperlinks between items in *The John Johnson Collection* and the *Bodleian Library Broadside Ballads* and related material in the other selected resources.

Deliverables: Direct access from *The John Johnson Collection* and *Bodleian Library Broadside Ballads* records to related material elsewhere.

Evaluation: Acceptance by managers of all selected resources.

Responsibility: Project Manager, OULS's Systems & e-Research Service (SERS), ProQuest.

Work-package 6: Linking back to *The John Johnson Collection* (Aug. 2010 – Dec. 2010)*

Description: Implementation of hyperlinks between items in the Associated Records Database of the *Old Bailey Proceedings Online* and records in *The John Johnson Collection*.

Deliverables: Entries linked both to and from these two resources.

Evaluation: Acceptance by Project Manager, Humanities Research Institute and ProQuest.

Responsibility: Humanities Research Institute, Project Manager, ProQuest

Work-package 7: Case studies and workshops (Aug. 2010 – Dec. 2010)

Description: Authoring of case studies which explore themes and narratives by building connections between the different resources, with supporting workshops.

Deliverables: A series of online case studies and a number of workshops demonstrating the research potential of linked resources.

Evaluation: Acceptance by managers of all selected resources.

Responsibility: Project Manager, Humanities Research Institute.

Work-package 8: Archiving and Preservation (Dec. 2009 – Dec. 2010)

Description: Ensuring the enhanced records are properly archived and documented, and that appropriate preservation strategies are implemented.

Deliverables: Securely archived and accessible copies of all data created by the project.

Evaluation: Acceptance by Project Director and Project Board.

Responsibility: Project Director, Project Manager, OULS's Systems & e-Research Service (SERS), ProQuest.

Work-package 9: Dissemination (Nov. 2009 – Dec. 2010)

* October / November 2010 is ProQuest's provisional schedule for releasing content relating to Mapping Crime.

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Description: Providing access to the outputs of the project, including (but not limited to) information about the project, metadata and supporting material.

Deliverables: Information Resources section of *The John Johnson Collection*; reports and information about the project; variety of access points to all records and images; marketing strategies; case studies; workshops; conference papers; *Curators' Choice* blog, press releases etc.

Evaluation: Acceptance by Project Director, JISC Programme Manager, ProQuest and stakeholders.

Responsibility: Project Manager; ProQuest; JISC.

Work-package 10: Evaluation (Oct. 2010 – Dec. 2010)

Description: Formal evaluation of the project and its deliverables to inform future digitisation activities, identify potential for further mapping, and ensure stakeholder satisfaction.

Deliverables: Evaluation plans and report.

Evaluation: Acceptance by Project Director and JISC Programme Manager.

Responsibility: Project Director; Project Manager, ProQuest

4. Project Outputs

- The enhancement of Crime, Murders and Executions records in *The John Johnson Collection: an Archive of Printed Ephemera*, so that users can follow direct links to related material in other online resources (including *Bodleian Library Ballads Online*).
- Potential for future provision of all linked Crime, Murders and Executions records in the Bodleian's open-access John Johnson Collection Catalogue (the format for delivery of data through this catalogue is currently under review), so that a global audience will be able to search material and follow links, irrespective of whether they are registered to use *The John Johnson Collection: an Archive of Printed Ephemera*.
- Potential for future provision of all linked Crime, Murders and Executions records in the *Bodleian Library Ballads Online* (the format for delivery of data through this catalogue is currently under review), so that users will be able to follow direct links to related material in other online resources (including *The John Johnson Collection*).
- Greater usage and awareness of open-access online resources which hold crime-related material, including the *Old Bailey Proceedings Online*, *Dying Speeches and Bloody Murders*, the *Newgate Calendar*, and the *Bodleian Library Ballads Online*.
- Greater usage and awareness of restricted-access online resources which hold crime-related material, including *British Periodicals*, *British Newspapers 1600-1900* and *19th-century UK Periodicals*.
- Links to the durable urls in *The John Johnson Collection* from the Associated Records Database of the *Old Bailey Proceedings Online*, hosted by the Humanities Research Institute.
- Procedures which ensure persistent links to records in other online resources, with the potential for creating Digital Object Identifiers (DOIs) or similar unique identifiers where necessary.
- A series of illustrated online case studies which explore crime-related themes and narratives, delivered online through the resource and/or the *Curators' Choice* blog, which demonstrate the value of establishing connections and following trails between different resources.
- A workshop about searching for crime-related source material, held in either Oxford or London and led by the Bodleian Library but with the participation of the Humanities Research Institute and members of the Academic Advisory Board.
- Reports and other documentation delivered both to the JISC and to the Project Board.
- Facilities for users to contribute to the *Curators' Choice* blog.
- Identification of external stakeholders and opportunities for establishing new relationships with communities with special interests in crime-related history, with potential to host or participate in events such as conferences, symposia or workshops.
- User feedback and web usage statistics to inform future development of the resource, produced as part of the evaluation process.
- Project partners' understanding of broader themes and issues relating to digitisation, gained through information-sharing with the JISC and other JISC projects (e.g. *Connected Histories*).

5. Project Outcomes

- Increased opportunities for both taught and research students to use primary resources in studying aspects of 17th-, 18th- and 19th-century history.
- The facility for researchers at all levels to be guided to information directly related to their line of enquiry, allowing them to build connections between different resources.
- Greater use of crime-related source material across various online resources as a means of exploring and understanding aspects of social and cultural history in the 17th, 18th and 19th centuries.
- Greater use of crime-related source material across various online resources as a means of more fully understanding judicial processes during the 17th, 18th and 19th centuries.
- Greater use of crime-related source material across various online resources as a means of exploring the nature and practice of 'street printing' in the 17th, 18th and 19th centuries.
- The facility for teachers to use the case studies as templates for coursework, thereby encouraging their students to follow lines of enquiry and enhance their critical thinking skills.
- The potential for users to attend a workshop which investigates the value of linking between resources to enhance research opportunities.
- The opportunity for the wider public to follow a trail in researching aspects of local or family history.
- Stakeholder participation and harnessing of specialist knowledge of crime-related material and the online resources through which that material is delivered.
- Opportunity for the project partners to collaborate with other organisations so as to further develop and improve services.

6. Stakeholder Analysis

Stakeholder	Interest / stake	Importance
Students and researchers at all academic levels studying aspects of legal history in the 17th, 18th and 19th centuries (e.g. the judicial system and its punishments).	Those using <i>The John Johnson Collection</i> to gain insights into all aspects of crime in the 17th, 18th and 19th centuries will be able to use the resource in conjunction with the <i>Old Bailey Proceedings Online</i> , the <i>Newgate Calendar</i> , Harvard's <i>Dying Speeches and Bloody Murders</i> , and the <i>Bodleian Library Ballads Online</i> , as well as a number of restricted-access resources as available, to build connections across each. Case studies, a workshop and blog entries will aid this research, and demonstrate the value of building a comprehensive picture through searching across different resources.	High
Students and researchers at all academic levels studying aspects of cultural history in the 17th, 18th and 19th centuries (e.g. execution as spectacle).	As above.	High
Students and researchers at all academic levels studying aspects of social history in the 17th, 18th and 19th centuries (e.g. sensationalist reporting and illustration).	As above.	High
Those researching the history of printing, and in particular woodblock illustrating and the practice of 'street printing'.	As above, particularly with regard to searching by printer or illustration subject.	High

Teachers at all academic levels.	Ability to use the case studies as templates for coursework, and to encourage their students to follow lines of enquiry.	High
Libraries and archives with particularly strong collections of crime-related material (see those listed in 2.4), and who therefore receive a high proportion of crime-related enquiries.	These will already use many of the crime-related online resources, but would no longer have to search each individually.	Medium
Members of the general public interested in family or local history.	Provides the opportunity to follow a trail (based on criminal, victim, location etc.) rather than carry out the same searches on a number of different resources.	Medium
The JISC and other funding bodies.	Added value to existing JISC-funded resource; major interest in methodologies used to implement the project and in ensuring that outcomes reflect the JISC's mission; potential for further exploration of commercial collaboration.	High
The Bodleian Library.	Major enhancement of existing <i>The John Johnson Collection</i> , with potential for enhancement of the Bodleian's open-access John Johnson Collection Catalogue and <i>Bodleian Library Broadside Ballads</i> (the formats for both are currently under review), and opportunity to review potential impact of such resources on teaching, learning and research.	Medium
ProQuest.	Major enhancement of existing <i>The John Johnson Collection</i> resource.	High
Humanities Research Institute.	Increased usage of the <i>Old Bailey Proceedings Online</i> , and enhancement of the Proceedings' Associated Records Database through reciprocal links to <i>The John Johnson Collection</i> .	High
Other crime-related online resources to which links would be established.	Increased usage, and greater public awareness.	Medium

7. Risk Analysis

Risk	Probability (1-5)	Severity (1-5)	Score (P x S)	Action to Prevent/Manage Risk
Staffing				
Recruitment and/or retention of project staff	1	2	2	OULS has extensive resources (e.g. 660 FTEs) that could be called upon. All procedures will be recorded to facilitate knowledge transfer for replacement staff.
Organisational				
Failure to meet project targets	1	4	4	Both partners have demonstrated their commitment to the provision of digital resources in the long-term. ProQuest has an extensive backlist of digital products, and the means for their maintenance and support. Oxford has an on-going commitment to ensuring permanent access to its digital collections in perpetuity. The

				expertise of JISC and the Project Board will allow for potential problems to be identified and addressed.
Technical				
Potential for urls to change in the future	2	3	6	Procedures will be developed to deal with the possibility of changing urls, and Digital Object Identifiers (DOIs) or similar unique identifiers may be created as necessary to ensure that links are persistent.
External collaboration				
Failure of managers of other online resources to co-operate fully	2	3	6	The proprietors of all three of these services have been approached and provided with an outline of the proposal, and only the Humanities Research Institute is required to collaborate actively. Dr Sharon Howard will be invited onto the Project Board, and payment for work undertaken by the Humanities Research Institute will be subject to the timing and quality of that work. Meanwhile, the Institute is keen to investigate the creation of Digital Object Identifiers (DOIs) or similar unique identifiers in tandem with the project.
Legal				
Breakdown of partnership	1	5	5	The Project partners have already adopted the JISC's Consortium Agreement for the <i>Electronic Ephemera</i> project and the proposed project falls within the five-year duration of this agreement. Both partner organisations have a long-standing commitment to work on John Johnson Collection material, and have worked successfully together on previous endeavours (EEBO, <i>Electronic Ephemera</i>).

8. Standards

Because the main outputs of this project will be delivered through an existing online resource, the standards listed below are much the same as those originally adopted for the JISC-funded *Electronic Ephemera* project. However, it may be that other specifications may be added to the list when the project establishes procedures for ensuring persistent links (e.g. Digital Object Identifiers or similar unique identifiers) from the beginning of 2010, and that further standards will be adopted during the latter development and implementation stages of the Bodleian's Digital Asset Management System (DAMS).

Name of standard or specification	Version	Notes
XML	1.1	
HTML	4	
CSS	2.1	
XSLT	2.0	Server-side only
OpenURL Linking	Z39.88-2004	
GIF	89a	May be used by ProQuest CSA to provide a quick on-screen view of an image
JPEG	1.02	
TIFF	6.0	For archival images

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PDF	1.5 and greater	
Allegro		Format for cataloguing printed ephemera
MARC	21	Generated specifically for library customers to add to OPACs
Z39.50	Z39.50-2003	
SRU XML Gateway	1.1	For retrieval of descriptive cataloguing metadata
HTTP	1.1	
JavaScript	1.7	
Perl	5	Server-side only
Shibboleth	1.3	
METS	1.6	
MODS	3.3	
Library of Congress Name and Subject Authority Headings		
Library of Congress Thesaurus for Graphic Materials		
Iconclass		

9. Technical Development

Aside from establishing new procedures for ensuring persistent links, to be investigated during the course of the project by staff from the Bodleian's Systems & e-Research Service (SERS) in conjunction with the Humanities Research Institute (University of Sheffield), the project does not envisage any further technical developments beyond those already in place at both the Bodleian Library and ProQuest as a result of the preceding *Electronic Ephemera* project.

10. Intellectual Property Rights

The Bodleian Library will retain copyright of the digital images and metadata records in both *The John Johnson Collection* and the *Bodleian Library Ballads Online*. Under the terms of the Consortium Agreement, ProQuest will hold the rights to online publication of images in *The John Johnson Collection* for five years in the first instance, renewable thereafter. With regard to the digitised items in *The John Johnson Collection*, there are no IPR issues regarding images as this material was scanned as part of the *Electronic Ephemera* project, during which any copyright issues were identified and the items omitted from the scanning process. However, even where copyright issues prevented the creation of digitised surrogates, that project still produced descriptive metadata for pre-1939 material and so links will be created from these records despite an image not yet being available (the period during which most of the crime-related material in *The John Johnson Collection* was produced is such that few items, if any, will require links despite not having an associated image).

Project Resources

11. Project Partners

The Bodleian Library (lead institution) and ProQuest have already worked successfully together on a number of projects, most recently the *Electronic Ephemera* project upon which the proposed project will build. The project partners have already adopted the JISC's Consortium Agreement for the *Electronic Ephemera* project and the proposed project falls within the five-year duration of this agreement. The Humanities Research Institute at the University of Sheffield will collaborate actively, but is not officially a partner organisation.

Project partners

Lead Partner: Bodleian Library (Oxford University Library Services)
 Contact: David Tomkins
 Role: Project Manager

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Partner: ProQuest
Contact: Peter White
Role: Senior Product Manager, Digital Collections

Project Collaborator

Collaborator: Humanities Research Institute (University of Sheffield)
Contact: Sharon Howard
Role: Project Manager, *Old Bailey Proceedings Online*

12. Project Management

Michael Popham, Head of the Oxford Digital Library, will direct the project. Day-to-day management of the project will be undertaken at 100% FTE by David Tomkins, formerly Project Manager of the *Electronic Ephemera* project. The Project Director and the Project Manager will be responsible for all formal liaison with the JISC. One member of Oxford's Systems & e-Research Service (SERS) will be seconded to the project at 20% FTE in order to develop procedures to ensure that links are persistent, and to implement Digital Object Identifiers (DOIs) where necessary. Peter White, Senior Editor for Digital Collections, will be ProQuest's project lead, and he will co-ordinate input from across various ProQuest departments. Sharon Howard, Project Manager, *Old Bailey Proceedings Online*, will oversee implementation of hyperlinks between items in the Associated Records Database of the *Old Bailey Proceedings Online* and records in *The John Johnson Collection*; this work will be undertaken by the Humanities Research Institute at the University of Sheffield, but will be funded by the project.

A Project Board, comprising representatives from Oxford University Library Services, ProQuest and the Humanities Research Institute (University of Sheffield) will be responsible for overseeing the project:

Richard Ovenden (Keeper of Special Collections and Associate Director, Bodleian Library)
Michael Popham (Head of the Oxford Digital Library, Bodleian Library)
David Tomkins (Project Manager (100% FTE), *Mapping Crime*, Bodleian Library)
Julie Anne Lambert (Librarian of the John Johnson Collection, Bodleian Library)
Amanda Flynn (Cataloguer, John Johnson Collection, Bodleian Library)
Clive Hurst (Head of Rare Books & Printed Ephemera, Bodleian Library)
Dan Burnstone (Vice President, Arts and Humanities Publishing, ProQuest)
Stephen Pocock (Vice-President Production, ProQuest)
Peter White (Senior Product Manager, Digital Collections, ProQuest)
Nathaniel Gore (Senior Editor, Content Development, ProQuest)
Alastair Dunning (Digitisation Programme Manager, JISC)
Sharon Howard (Project Manager, *Old Bailey Proceedings Online*, Humanities Research Institute)
Michael Pidd (Research & Development Officer, Humanities Research Institute)

The Project Board will meet quarterly to review project progress and to address any issues that cannot be directly resolved by the Project Manager. An Academic Advisory Board will meet with the Project Board 2-3 times during the project timeframe:

Rosalind Crone (Open University)
Alun Edwards (Oxford University Computing Services)
Alexandra Franklin (Centre for the Study of the Book, Bodleian Library)
Ken Gibb (National Foundation for Educational Research)
Kelly Grovier (Independent historian)
Lucy Moore (Independent historian)

13. Programme Support

The project will benefit from assistance in maintaining awareness of other relevant JISC-funded activities, and would welcome assistance in disseminating results.

14. Budget

Following discussion with the JISC Programme Manager, it has been agreed that the project's 15-month life-span will last from October 2009 to December 2010 inclusive, though funding from the JISC will continue to operate to the original funding timescale based on a September 2009 to August 2010 lifespan, and this is reflected in the Project Plan Budget. See Appendix A (Budget).

Detailed Project Planning

15. Workpackages

Following discussion with the JISC Programme Manager, it has been agreed that the project's 15 month life-span will last from October 2009 to December 2010 inclusive, though measurable outputs will be delivered periodically during the course of the project. See Appendix B (Workpackages).

16. Evaluation Plan

Timing	Factor to Evaluate	Questions to Address	Method(s)	Measure of Success
Jan.-Oct. 2010	Quality of links.	Are links guaranteed to reach correct urls?	Establish which resources do and do not have persistent urls.	Provide solution for resources which do not have persistent urls (e.g. DOIs or similar).
Feb.-Oct. 2010	Online links from <i>The John Johnson Collection</i> to relevant open-access resources.	Accuracy of links, and degree to which links are comprehensive.	QA and user feedback.	Consistency in researching items, and positive user feedback.
Mar.-Oct. 2010	Online links from <i>The John Johnson Collection</i> and <i>Bodleian Library Broadside Ballads</i> to relevant restricted-access resources.	Whether or not there is potential for mapping between resources which have been developed in collaboration with different commercial partners and which therefore have restrictions on access.	Partners to review discussions with other commercial publishers.	Degree to which direct links can be established between restricted-access sites without authentication (in subscribing institutions), and measure of potential for different commercial publishers to collaborate on improving access.
May-Dec. 2010	Use of links (quantitative).	How many users are following links and to which resources are they following links? How many users access <i>The John Johnson Collection</i> directly from the <i>Old Bailey Proceedings Online</i> ?	User statistics produced by ProQuest and the Humanities Research Institute (possibly with some analysis of usage in conjunction with the Oxford Internet Institute).	Quantity of users following links, and quantity of users accessing <i>The John Johnson Collection</i> directly from the <i>Old Bailey Proceedings Online</i> .
May-Dec. 2010	User behaviour (qualitative).	To what degree does being able to follow links and build	Feedback from case studies, workshops, and	Positive response from stakeholders, and confirmation that such

		connections across resources improve research practices?	those working specifically with crime material (possibly with some analysis of impact in conjunction with the Oxford Internet Institute).	developments enhance research activity.
June-Dec. 2010	Summative evaluation of project methodologies.	Internal work processes, partnership between Oxford and ProQuest, collaboration with Humanities Research Institute, and guidance provided by JISC.	Formal but open process of review.	Satisfaction (or otherwise) that work has been undertaken in most efficient way, consensus between Oxford and ProQuest CSA about how such partnerships might develop in the future, and agreement that (non-funding) support from the JISC has been both timely and appropriate.

17. Quality Plan

Output Timing	Links				
	Quality criteria	QA method(s)	Evidence of compliance	Quality responsibilities	Quality tools (if applicable)
Ongoing	Accuracy of links to open-access resources.	Manual check of every new link after each periodic update of <i>The John Jonson Collection</i> .	Review by Project Manager.	Project Manager	n/a
Ongoing	Accuracy of links to restricted-access resources.	Manual check of every new link after each periodic update of <i>The John Jonson Collection</i> .	Review by Project Manager.	Project Manager	n/a
Ongoing	Persistent urls.	Confirmation that implementation of appropriate solution (e.g. Digital Object Identifiers or similar) provides effective solution where urls are deemed not to be persistent.	Review by Project Manager and automated checks by ProQuest.	Project Manager and ProQuest	n/a

Output Timing	Dissemination				
	Quality criteria	QA method(s)	Evidence of compliance	Quality responsibilities	Quality tools (if applicable)
May-Dec.	Quality of	Project Board to	Review by	Project Board	n/a

2010	case studies.	review case studies, and Project Manager to proof-read and edit as necessary.	Project Board and Project Manager.	and Project Manager	
May-Dec. 2010	Impact of workshops.	User feedback.	Review of user feedback by Project Manager.	Project Manager	n/a

18. Dissemination Plan

Timing	Dissemination Activity	Audience	Purpose	Key Message
Oct. 2009-Dec. 2010	Flag new project as part of wider marketing of <i>The John Johnson Collection</i> by Bodleian Library.	HE and FE librarians, teachers and students within and beyond Oxford, and presentations to visitors to Oxford.	Announce proposed enhancement to resource functionality.	New ways of using existing resource to discover related material and references elsewhere.
Oct. 2009-Dec. 2010	Flag new project as part of wider marketing of <i>The John Johnson Collection</i> by ProQuest.	Global users.	Announce proposed enhancement to resource functionality.	New ways of using existing resource to discover related material and references elsewhere.
June.-Oct. 2010	Press releases and mailings via JISC and ProQuest	Librarians in UK HE and FE institutions, public libraries and schools.	Ensure uptake of new enhancement to resource functionality.	Opportunity for improved research practices.
Sept.-Dec. 2010	Mailings to institutions known to have particularly strong collections of crime-related material.	Bishopsgate Institute, Guildhall Library, John Rylands Library, Lincoln's Inn Library, London Metropolitan Archives, The National Archives, Hackney Archives; Inner Temple Library, etc.	Target that part of audience most likely to benefit from enhancement in researching crime history.	Value of building a comprehensive picture through searching across different resources.
Nov. 2009-Dec. 2010	Conference attendance and speaking opportunities.	Global academic community, and crime history specialists.	Ensure uptake of new enhancement to resource functionality.	Value of building a comprehensive picture through searching across different resources.
Aug.-Nov. 2010	Online publication of case studies.	HE, FE and school teachers and students, and the general public.	Demonstrate how themes and narratives can be explored by building	Opportunity for improved teaching and learning practices.

			connections between different resources.	
Sept.-Dec. 2010	Workshops.	HE and FE institutions, schools and the general public.	Provide a forum for researchers to discuss how such advancements might aid their investigations and to consider what further developments might also prove beneficial.	Opportunity for improved research practices.

19. Exit and Sustainability Plans

The proposed project will represent an extension of the means by which the *Electronic Ephemera* project has facilitated the delivery of valuable yet largely hidden primary source materials. Both the Bodleian Library and ProQuest are committed to the delivery and support of digital resources in the long-term, and it is in the interests of both to ensure that the outputs from both this project and its predecessor are of the highest quality and are fully supported, thus offering the best prospects for their sustainability, reusability, and retention of value in the long-term.

Project Outputs	Action for Take-up & Embedding	Action for Exit
Amendments to descriptive metadata for selected records.	Both project partners archive all outputs of the <i>Electronic Ephemera</i> project and implement suitable preservation procedures, in keeping with current standards and best-practices, to ensure the longevity of, and long-term access to, the data. Because the proposed project largely represents enhancement of existing records, all additional data will be treated in the same way.	At Oxford, all data is currently stored on the Oxford Hierarchical File Server (OHFS) as well as being archived as METS files and ingested in the Library's Digital Asset Management System (DAMS), which is currently in the final stages of development.
Series of links from the crime material available through <i>The John Johnson Collection: an Archive of Printed Ephemera</i> to related material and source information in a number of other open-access and restricted-access online resources containing related material or source information.	ProQuest to integrate the links within the individual records in <i>The John Johnson Collection: an Archive of Printed Ephemera</i> and guarantee that access to data in this resource will be sustained and supported for at least the initial duration of the original <i>Electronic Ephemera</i> project partnership (five years in the first instance, and negotiable thereafter).	The sustainability model for ProQuest's delivery is based on the commercial sale of the online resource by ProQuest outside the UK, with the revenues generated by those sales being used to fund continued free access within the UK and to cover the costs of hosting and updating the service.
Series of links from the crime material available through the <i>Bodleian Library Broadside Ballads</i> and through the open-access John Johnson catalogue to related material and source information in a number of	The Bodleian Library to integrate the links within the individual records in the <i>Bodleian Library Broadside Ballads</i> and the open-access John Johnson catalogue once the future delivery of these resources has been reviewed (post-project).	The Bodleian Library is committed to ensuring that any digital resources resulting from its own collections must remain viable and accessible in perpetuity, and the Library regards the creation and on-going maintenance of data created as a result of this

other open-access and restricted-access online resources containing related material or source information.		project as a necessary function of its service provision.
Series of online case studies.	ProQuest will publish the case studies online, presenting them in similar fashion to the online essays commissioned for the <i>Electronic Ephemera</i> project.	There is scope for smaller case studies to also appear on the existing Curators' Choice blog, created by the staff of the <i>Electronic Ephemera</i> project.

Project Outputs	Why Sustainable	Scenarios for Taking Forward	Issues to Address
Enhancements to researching crime-related material through <i>The John Johnson Collection: an Archive of Printed Ephemera</i> .	The Bodleian Library is responsible for the continued maintenance of its own online catalogue offering free access to the cataloguing metadata; ongoing access to cataloguing metadata via the ProQuest resource will be funded for the duration of the agreement from revenues from sales outside the UK	The Consortium Agreement between ProQuest and the Bodleian Library (originally adopted for the <i>Electronic Ephemera</i> project) provides the framework within which access fees ensuring the long-term availability of the ProQuest resource within the UK will be determined.	The Consortium Agreement between ProQuest and the Bodleian Library (originally adopted for the <i>Electronic Ephemera</i> project) takes account of the remote possibility that revenues from sales of the resource outside the UK may not be sufficient to support the provision of the ProQuest resource to UK users.

Appendixes

Appendix A (Budget)

Appendix B (Workpackages)