

CrossRef Simple Text Query

*Bruce Rosenblum
Inera. Inc.*

*CrossRef Member Meeting
Cambridge, MA
November 2, 2006*



Background

- CrossRef's 2200+ members
 - Many small publishers and societies
 - Limited resources and technical expertise
- To retrieve DOIs and link out
 - Publishers had to XML-tag and batch references
 - Some publishers have been slow to link out
- Underscored need for a simple-text query method to retrieve DOIs



Simple-Text Query

- February 2006
 - CrossRef trials Simple Text Query
 - Non-XML alternative for reference linking
- Custom version of Inera's *eXtyles refXpress*TM
 - Parses unstructured journal and book references
 - Returns granular, valid XML to CrossRef
 - CrossRef returns DOIs for matched references





Meetings & News

- Microsoft Web Services Agreement
- DOIs for books
- CrossRef Web Services
- Multiple Resolution Pilot
- DOI ownership transfer
- New members this week
- CrossRef Indicators
- CrossRef Blog

Technical Resources

- How to query
- How to deposit
- Web deposit form
- Forward linking information
- Simple Text Query
- FAQ
- User and Publisher Guidelines
- Browsable title list

Membership Info

- Request membership forms
- Membership fees
- Membership rules
- Affiliate fees
- Local hosting
- Info for libraries



23284690
registered CrossRef DOIs
millions of links

Welcome.

CrossRef is an independent membership association, founded and directed by publishers. CrossRef's mandate is to connect users to primary research content, by enabling publishers to work collectively. CrossRef is also the official DOI registration agency for scholarly and professional publications. It operates a cross-publisher citation linking system that allows a researcher to click on a reference citation on one publisher's platform and link directly to the cited content on another publisher's platform, subject to the target publisher's access control practices. Our citation-linking network today covers millions of articles and other content items from several hundred scholarly and professional publishers.

DOI Resolver

If you encounter a DOI (e.g., 10.1037/0003-066X.59.1.29) that is not hyperlinked, you can enter it in the box below:

TIP: You can turn a DOI into a URL by appending the DOI to <http://dx.doi.org/>

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FEATURING...

CROSSREF ANNUAL MEMBER MEETING AGENDA

November 1st, 2006,
The Charles Hotel,
Cambridge, MA, USA.

Meeting Registration

TECH MEETING AGENDA

November 2nd, 2006,
The Charles Hotel,
Cambridge, MA, USA.

Meeting Registration

NEW FREE SERVICE FOR RESEARCHERS:

Retrieve DOIs by cutting and pasting your reference section, no XML required.

SIMPLE TEXT QUERY

http://www.crossref.org/freeTextQuery/



This form allows you to locate DOIs for references input as simple text. References should be formatted in a standard bibliographic representation as shown in this example:

Clow GD, McKay CP, Simmons Jr. GM, and Wharton RA, Jr. 1988. Climatological observations and predicted sublimation rates at Lake Hoare, Antarctica. *Journal of Climate* 1:715-728.

Please separate individual references using a blank line. The parsing engine tries to remove internal line breaks within the text but for best results have a complete reference contained to a single line. When submitting multiple references they must be in alphabetical order or presented as a numbered list.



Enter text in the box below:

1. Strahl, B. D. & Allis, C. D. The language of covalent histone modifications. *Nature* 403, 41-45 (2000).
[10.1038/47412](#)
2. Turner, B. M. Cellular memory and the histone code. *Cell* 111, 285-291 (2002).
[10.1016/S0092-8674\(02\)01080-2](#)
3. Chakravarti, D., Ogryzko, V., Kao, H-Y., Nash, A., Chen, H., Nakatani, Y., & Evans, R. M. A viral mechanism for inhibition of p300 and PCAF acetyltransferase activity. *Cell* 96, 393-403 (1999).
[10.1016/S0092-8674\(00\)80552-8](#)
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[10.1016/S0092-8674\(00\)80553-X](#)
5. Weissman, J. D., Brown, J. A., Howcroft, T. K., Hwang, J., Chawla, A., Roche, P. A., Schiltz, L., Nakatani, Y. & Singer, D. S. HIV-1 tat binds TAFII250 and represses TAFII250-dependent transcription of major histocompatibility class I genes. *PNAS* 95.20.11601
[10.1073/pnas.95.20.11601](#)
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[10.1016/S0092-8674\(01\)00196-9](#)
10. Kawase, H., Okuwaki, M., Miyaji, M., Handa, H., Ishimi, Y., Fujii-Makata, T., Kikuchi, A. & Nagata, K. NAP-1 is a functional homologue of TAF-1 that is required for replication and transcription of the adenovirus genome in a chromatin-like structure. *J. Biol. Chem.* 273, 34511-34518 (1998).
[10.1046/j.1365-2443.1996.d01-223.x](#)
11. Okuwaki, M. & Nagata, K. Template-activating factor-I remodels the chromatin structure and stimulates transcription from the chromatin template. *J. Biol. Chem.* 273, 34511-34518 (1998).
[10.1074/jbc.273.51.34511](#)
12. Aronheim, A., Zandi, E., Hennemann, H., Elledge, S. J. & Karin, M. Isolation of an AP-1 repressor by a novel method for detecting protein-protein interactions. *Mol. Cell. Biol.* 17, 3094-3102 (1997).
No doi match found.
13. Broder, Y., Katz, S. & Aronheim, A. The Ras recruitment system, a novel approach to the study of protein-protein interactions. *Curr. Biol.* 8, 1121-1124 (1998).
[10.1016/S0960-9822\(98\)70467-1](#)

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Nature **403**, 41-45 (6 January 2000) | doi:10.1038/47412

The language of covalent histone modifications

Brian D. Strahl and C. David Allis

Histone proteins and the nucleosomes they form with DNA are the fundamental building blocks of eukaryotic chromatin. A diverse array of post-translational modifications that often occur on tail domains of these proteins has been well documented. Although the function of these highly conserved modifications has remained elusive, converging biochemical and genetic evidence suggests functions in several chromatin-based processes. We propose that distinct histone modifications, on one or more tails, act sequentially or in combination to form a 'histone code' that is, read by other proteins to bring about distinct downstream events.

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1. Department of Biochemistry and Molecular Genetics, University of Virginia

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ABSTRACT

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Abstract

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1. L. Fernández, B. Holzapfel, F. Schindler, B. de Boer, A. Attenberger, J. Hänisch, and L. Schultz, *Phys. Rev. B* 67, 052503 (2003).
[10.1103/PhysRevB.67.052503](#)
2. J. L. MacManus-Driscoll, S. R. Foltyn, Q. X. Jia, H. Wang, A. Serquis, B. Maiorov, L. Civale, Y. Lin, M. E. Hawley, M. P. Maley, and D. E. Peterson, *Appl. Phys. Lett.* 84, 5329 (2004);
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[10.1063/1.1640802](#)
- Phys. Rev. B* 69, 104531 (2004).
[10.1103/PhysRevB.69.104531](#)
4. J. L. MacManus-Driscoll, S. R. Foltyn, Q. X. Jia, H. Wang, A. Serquis, L. Civale, B. Maiorov, M. E. Hawley, M. P. Maley and D. E. Peterson, *Nature Materials* 3, 439 (2004)
[10.1038/nmat1156](#)
5. C. Cai, B. Holzapfel, J. Hänisch, and L. Schultz, *Phys. Rev. B* 70, 212501 (2004).
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6. T. Haugan, P. N. Barnes, R. Wheeler, F. Meisenkothen, and M. Sumption, *Nature* 430, 867 (2004).
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[10.1103/PhysRevLett.74.2355](#)
10. K. Matsumoto, T. Horide, K. Osamura, M. Mukaida, Y. Yoshida, A. Ichinose and S. Horii, *Physica C* 412, 1267(2004).
[10.1016/j.physc.2004.01.157](#)
11. K. Matsumoto, T. Horide, A. Ichinose, S. Horii, Y. Yoshida and M. Mukaida, *Jpn. J. Appl. Phys.* 44, L246(2005).
[10.1143/JJAP.44.L246](#)

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Enter text in the box below:

Ackermann, C., R. McEnally, and D. Ravenscraft. 1999. "The Performance of Hedge Funds: Risk, Return, and Incentives." *Journal of Finance*, vol. 54, no. 3 (June):833-874.

[10.1111/0022-1082.00129](#)

Agarwal, V., and N. Naik. 2000. "Multi-Period Performance Persistence Analysis of Hedge Funds." *Journal of Financial and Quantitative Analysis*, vol. 35, no. 3 (September):327-342.

[10.2307/2676207](#)

———. 2004. "Risks and Portfolio Decisions Involving Hedge Funds." *Review of Financial Studies*, vol. 17, no. 1:63-98.

No doi match found.

Aiyagari, R., and M. Gertler. 1991. "Asset Returns with Transaction Costs and Uninsured Individual Risk." *Journal of Monetary Economics*, vol. 27, no. 3 (June):311-331.

[10.1016/0304-3932\(91\)90012-D](#)

Alvarez, W. 1997. *T. Rex and the Crater of Doom*. Princeton, NJ: Princeton University Press.

No doi match found.

Amenc, N., S. El Bied, and L. Martinelli. 2003. "Predictability in Hedge Fund Returns." *Financial Analysts Journal*, vol. 59, no. 5 (September/October):32-46.

[10.2469/faj.v59.n5.2562](#)

Amihud, Y., and H. Mendelson. 1986a. "Asset Pricing and the Bid-Ask Spread." *Journal of Financial Economics*, vol. 17, no. 2 (December):223-249.

[10.1016/0304-405X\(86\)90065-6](#)

Andersen, T., T. Bollerslev, and F. Diebold. 2004. "Parametric and Nonparametric Volatility Measurement." In *Handbook of Financial Econometrics*. Edited by L. Hansen and Y. Ait-Sahalia. Amsterdam: North-Holland.

No doi match found.

Arnott, R., and W. Wagner. 1990. "The Measurement and Control of Trading Costs." *Financial Analysts Journal*, vol. 46, no. 6 (November/December):73-80.

[10.2469/faj.v46.n6.73](#)

Bagehot, W. [Jack Treynor]. 1971. "The Only Game in Town." *Financial Analysts Journal*, vol. 27, no. 2 (March/April):12-14, 22.

[10.2469/faj.v27.n2.12](#)

Baquero, G., J. ter Horst, and M. Verbeek. Forthcoming. "Survival, Look-Ahead Bias and the Performance of Hedge Funds." *Journal of Financial and Quantitative Analysis*.

No doi match found.

Berk, J., and R. Green. 2004. "Mutual Fund Flows and Performance in Rational Markets." *Journal of Political Economy*, vol. 112, no. 6 (December):1269-95.

No doi match found.

Bertsimas, D., and A. Lo. 1998. "Optimal Control of Execution Costs." *Journal of Financial Markets*, vol. 1, no. 1:1-50.

[10.1016/S1386-4181\(97\)00012-8](#)

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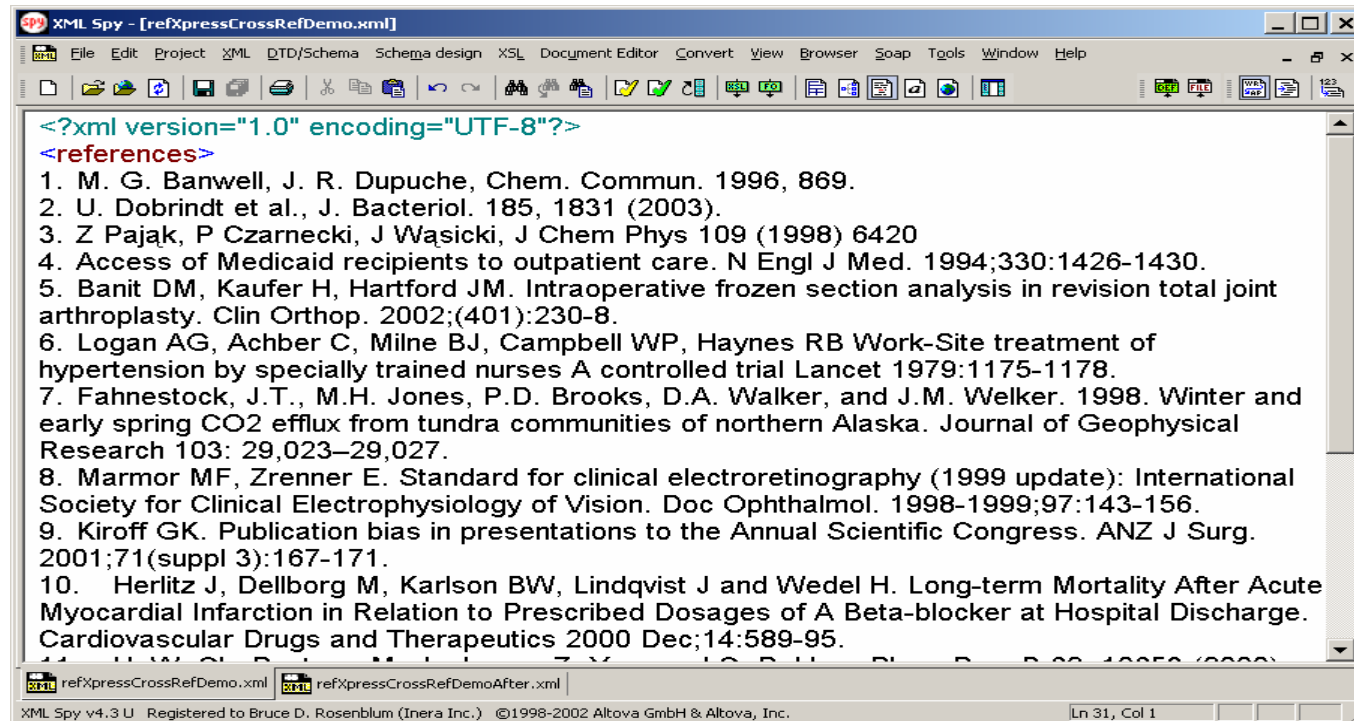
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Why eXtyles refXpress?

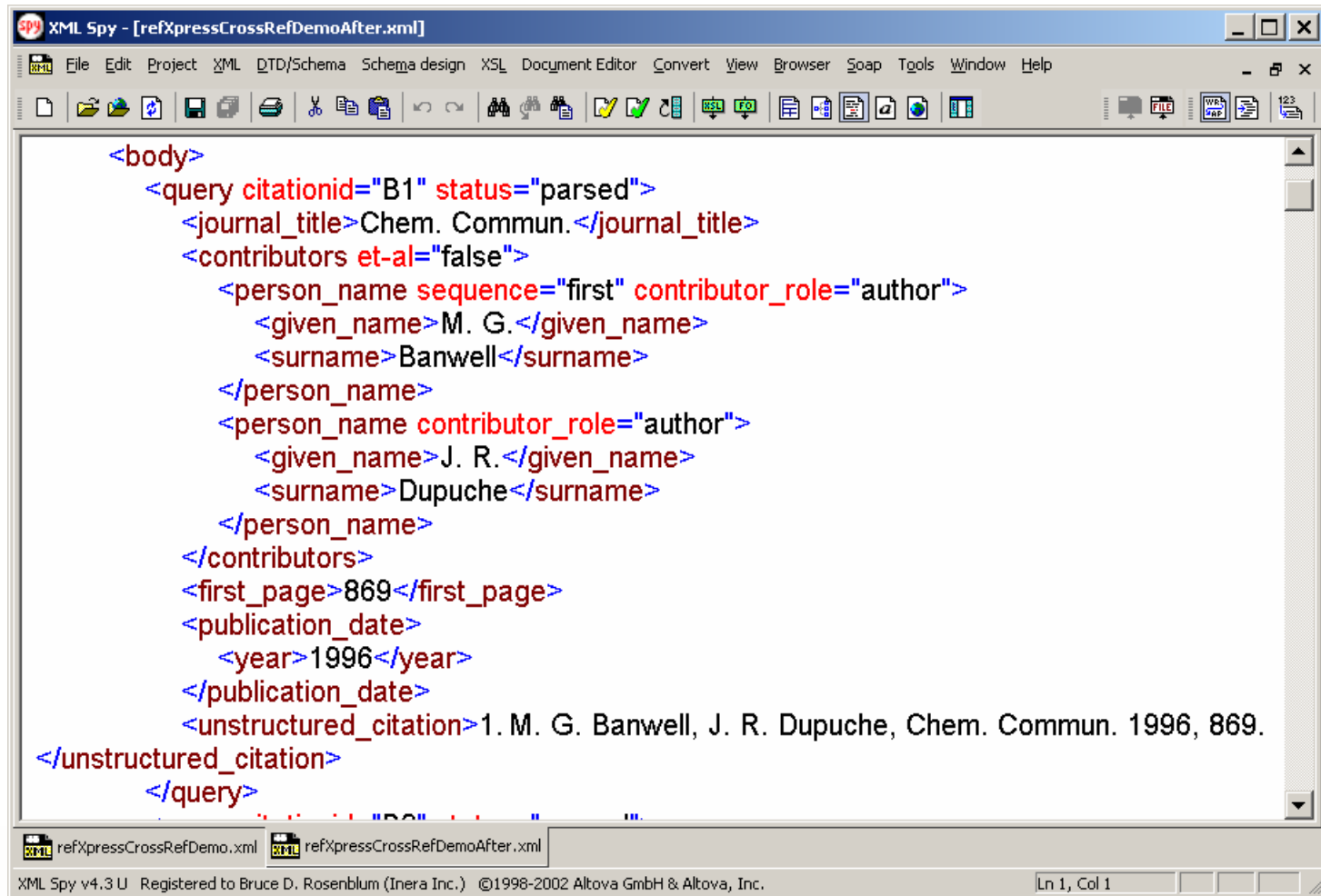
- Designed for linking and editing
- XML processing model
- Proven-technology
 - Used daily by hundreds of journals
 - Editors review the results
 - Feedback incorporated into eXtyles improvements



Before refXpress



After refXpress



The screenshot shows the XML Spy application window titled "XML Spy - [refXpressCrossRefDemoAfter.xml]". The main text area contains the following XML code:

```
<body>
  <query citationid="B1" status="parsed">
    <journal_title>Chem. Commun.</journal_title>
    <contributors et-al="false">
      <person_name sequence="first" contributor_role="author">
        <given_name>M. G.</given_name>
        <surname>Banwell</surname>
      </person_name>
      <person_name contributor_role="author">
        <given_name>J. R.</given_name>
        <surname>Dupuche</surname>
      </person_name>
    </contributors>
    <first_page>869</first_page>
    <publication_date>
      <year>1996</year>
    </publication_date>
    <unstructured_citation>1. M. G. Banwell, J. R. Dupuche, Chem. Commun. 1996, 869.
  </unstructured_citation>
</query>
```

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Heuristic Processing

- Parses most references
 - Regardless of editorial style
 - Without fore-knowledge of style (no setup)
- Parses “dirty” references
 - Incorrectly styled references
 - Inconsistently styled references
 - References with missing information
 - Unedited references



Examples



Public Use

- June 2006: Opened to public
 - Encourage DOI usage at the authoring stage
 - Promote DOI awareness among end-users



Intended Use

- October 2006
 - Trial converted to on-going service for low-volume users
 - Medium-to-High volume users should contact CrossRef or Inera
 - Users interested in return of parsed XML data or other premium services should contact CrossRef or Inera



Questions?



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