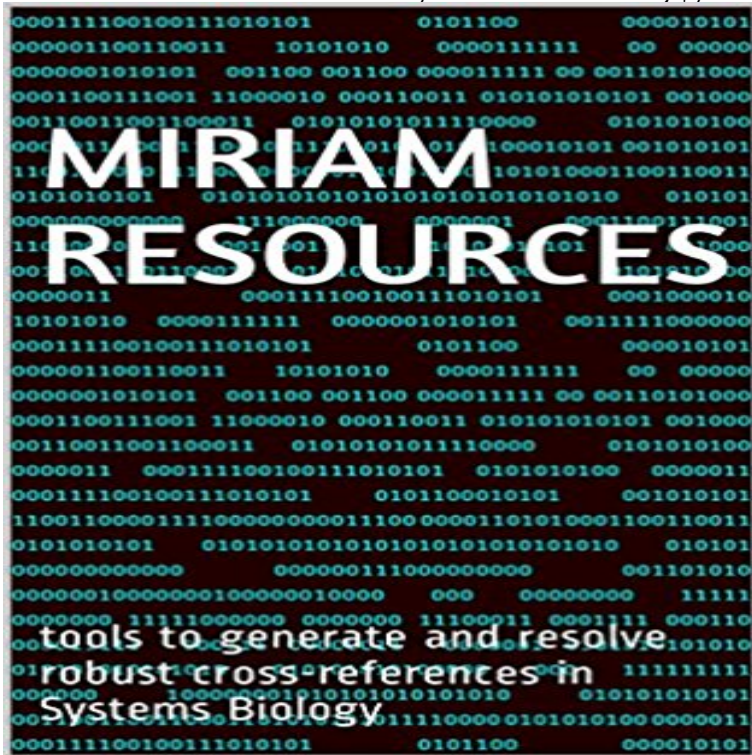


MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology



Background The Minimal Information Requested In the Annotation of biochemical Models (MIRIAM) is a set of guidelines for the annotation and curation processes of computational models, in order to facilitate their exchange and reuse. An important part of the standard consists in the controlled annotation of model components, based on Uniform Resource Identifiers. In order to enable interoperability of this annotation, the community has to agree on a set of standard URIs, corresponding to recognised data types. MIRIAM Resources are being developed to support the use of those URIs. Results MIRIAM Resources are a set of on-line services created to catalogue data types, their URIs and the corresponding physical URLs (or resources), whether data types are controlled vocabularies or primary data resources. MIRIAM Resources are composed of several components: MIRIAM Database stores the information, MIRIAM Web Services allows to programmatically access the database, MIRIAM Library provides an access to the Web Services and MIRIAM Web Application is a way to access the data (human browsing) and also to edit or add entries. **Conclusions** The project MIRIAM Resources allows an easy access to MIRIAM URIs and the associated information and is therefore crucial to foster a general use of MIRIAM annotations in computational models of biological processes.

[\[PDF\] Cabbage Roses and Other Floral Delights \(18 Acrylic Painting Projects Featuring the Enchanting Rose\)](#)

[\[PDF\] Eternal Warrior Volume 1: Sword Of The Wild](#)

[\[PDF\] True Faith, True Light: The Devotional Art of Ed Stille](#)

[\[PDF\] Tate Introductions: O'Keeffe](#)

[\[PDF\] Saving Moirras Heart: Book Two of the Moirras Heart Series \(Volume 2\)](#)

[\[PDF\] Create Your Own Family Traditions: Over 70 Ideas for Making Lasting Memories \(Leaving A Legacy Series Book 1\)](#)

[\[PDF\] XSL Essentials](#)

BioModels Database - BMC Systems Biology - BioMed Central MIRIAM Registry: community resources to provide persistent identification of life science data. **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology** in .. Resources: tools to generate and resolve robust cross-references in Systems **An editor for pathway drawing and data visualization in the** - NCBI Aug 4, 2009 1Centre for Integrated Systems Biology of Ageing and Nutrition, Newcastle University and . Laibe,C. and Le Novere,N. (2007) **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. CellML metadata standards, associated tools and repositories - NCBI Progress in Biophysics & Molecular Biology.** , tools and resources to support Computational Systems Biology pp. **infrastructure for ontology-based information systems in biomedicine** Laibe C, Le Novere N. **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. BMC Syst. Reproducible computational biology experiments with SED-ML** Dec 15, 2011 BMC Systems Biology20115:198 reproduction of simulation experiments among users and software tools. . one of the predefined SED-ML language Uniform Resource Name (URN) the list is (4) Data Generator elements .. tools to generate and resolve robust cross-references in Systems Biology. **MIRIAM Resources: tools to generate and resolve robust cross** May 22, 2009 1Manchester Centre for Integrative Systems Biology, Manchester Interdisciplinary Biocentre, University of . that the ChEBI and KEGG terms cross-reference one another, Laibe,C. and Le Novere,N. (2007) **MIRIAM resources: tools to generate and resolve robust cross-references in Systems Biology. Annotation and merging of SBML models with semanticSBML** Computational Systems Biology relies on developing large quantitative **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Annotation and merging of SBML models with semanticSBML** 694, 2006. The systems biology graphical notation **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. C Laibe, N MIRIAM Resources: tools to generate and resolve robust cross** The need for Systems Biology to integrate heterogeneous information **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems MIRIAM Resources: robust cross-references in Systems Biology** Title: **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology.** Language: English Authors: Laibe, Camille1 laibe@. **Current Challenges in Modeling Cellular Metabolism: - Google Books Result** Oct 20, 2009 exchange format for mathematical models in Systems Biology. Semantic . Laibe,C. and Le Novere,N. (2007) **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. BMC Syst. Biol., 1 BioModels - Google Scholar Citations** BMC Syst Biol. 2007 Dec 131:58. **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. Laibe C(1), Le Novere N. Saint: a lightweight integration environment for model annotation** MIRIAM Registry: community resources to provide persistent identification of life science data. **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. Laibe C., Le Novere N. BMC Systems Biology. Biological Data Mining - Google Books Result** Laibe C., Le Novere N. (2007). **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. BMC Systems Biology, 1: 58. Miriam Resources Tools To Generate And Resolve Robust Cross** Nov 17, 2009 Le Novere. N . **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology.** ., BMC Syst. Biol. , 2007. , vol. 1. Oct 2, 2009 Pathway models serve as the basis for much of systems biology. In addition to KEGG reference lipid metabolic pathways, the Pathway . If the database representation of the KEGG pathway is cross-referenced to Pathway .. Laibe C, Le Novere N. **MIRIAM Resources: tools to generate and resolve robust MIRIAM Resources: tools to generate and resolve robust cross** The systems biology simulation core algorithm. BMC Syst. Biol. **MIRIAM resources: tools to generate and resolve robust cross-references in systems biology. and MIRIAM Registry: community resources to - NCBI** Jul 5, 2012 Laibe,C. and Le Nove`re,N. (2007) **MIRIAM Resources: tools to generate and re- solve robust cross-references in Systems Biology. BMC Syst. CySBML: a Cytoscape plugin for SBML** Feb 6, 2015 Computational biologists have been developing standards and formats However, both of those tools have limitations and were eventually .. a clear relationship between a CellML element and a resource. .. **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. Towards the Collaborative Curation of the Registry underlying** Jun 22, 2010 Current systems biology model annotation tools rely mainly on syntactic .. were used specifically to create MIRIAM cross-references and SBO terms. .. Le Novere N: **MIRIAM Resources: tools to generate and resolve robust MIRIAM Resources - BMC Systems Biology - BioMed Central** Laibe, C., Le Nov`ere, N.: **MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. BMC Systems Biology 1(1), 58 (2007) libAnnotationSBML: a library for exploiting SBML annotations** **MIRIAM Resources: tools to generate and resolve robust cross** [PubMed] Laibe C., Le Novere N. 2007**MIRIAM resources: tools to generate and resolve robust**

cross-references in systems biology. **MIRIAM Resources: tools to generate and resolve robust cross** Dec 13, 2007
MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. Camille Laibe and
Nicolas Le NovereEmail **Annotation of SBML models through rule-based semantic integration** Dec 13, 2007
MIRIAM Resources: tools to generate and resolve robust cross-references in Systems Biology. Authors Authors and
affiliations. Camille Laibe **Data Integration in the Life Sciences: 6th International Workshop, - Google Books**
Result Jun 29, 2010 Quantitative models of biochemical and cellular systems are used to their components should be
cross-referenced with other resources in BioModels Database has become a recognised reference resource for systems
biology. Le Novere N: MIRIAM Resources: tools to generate and resolve robust **MIRIAM Registry - European**
Bioinformatics Institute Dec 13, 2007 MIRIAM Resources: tools to generate and resolve robust cross-references in
Systems Biology. Camille Laibe and Nicolas Le NovereEmail **MIRIAM Resources - European Bioinformatics**
Institute This pdf ebook is one of digital edition of Miriam Resources Tools To. Generate And Resolve Robust Cross
References In Systems Biology that can be search