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CiTO / CiteULike: publishing innovation

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Published February 23, 2012

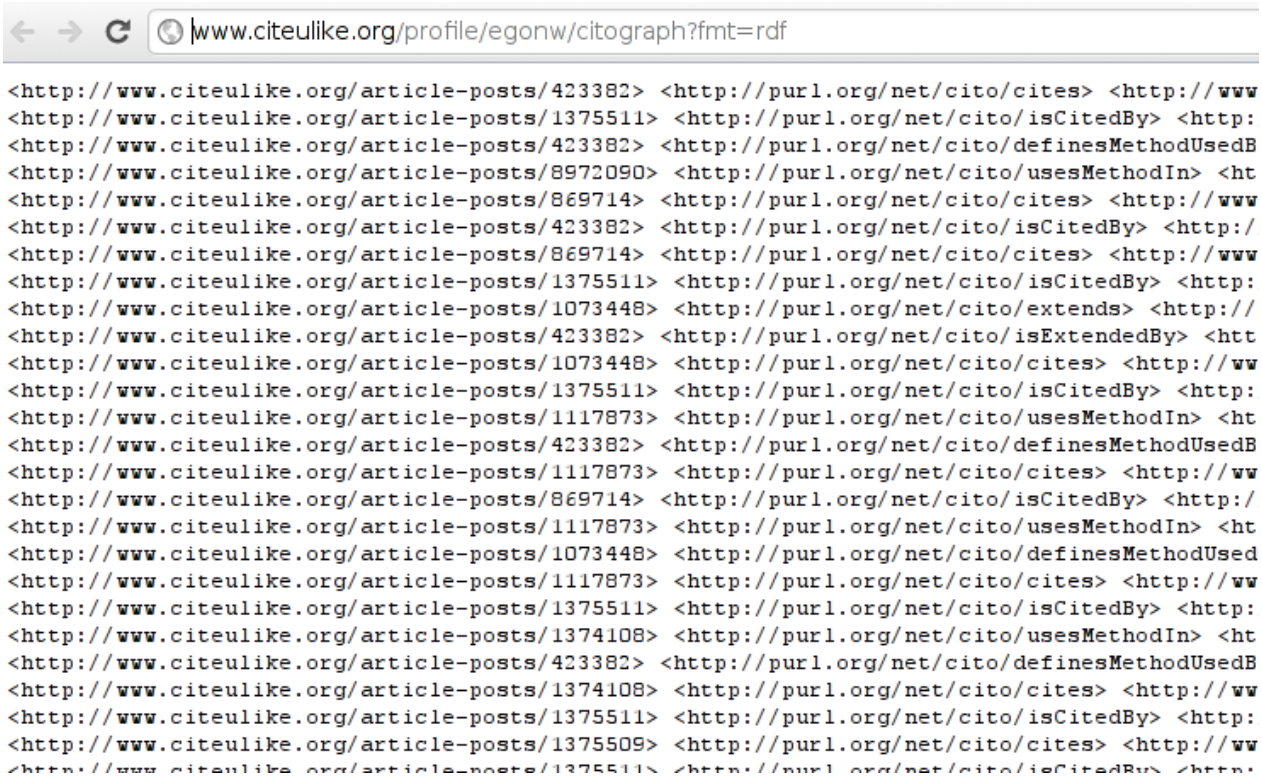
Citation
Willighagen, E. (2012, February 23). CiTO / CiteULike: publishing innovation. *Chem-bla-ics*. https://doi.org/10.59350/25dgb-j2y93

Keywords
Citeulike, Cito, Rdf

Abstract
Readers of my blog know I have been using the Citation Typing Ontology, CiTO (doi: 10.1186/2041-1480-1-S1-S6). I allows me to see how the CDK is cited and used . CiteULike is currently adding more CiTO more functionality, which they started doing almost one and a half years ago.

Readers of my blog know I have been using the Citation Typing Ontology, CiTO (doi: 10.1186/2041-1480-1-S1-S6). I allows me to see how the CDK is cited and used . CiteULike is currently adding more CiTO more functionality, which they started doing almost one and a half years ago.

One of the things, is that the CiTO data added via a certain account, can be downloaded as triples:



The second is that they are improving the graphics of how it is visualized. E.g. they added an 'Expand' link, which I found when they tweeted they had hidden drag-n-drop, which I haven't found yet, though. Clicking that action, will show you the following:

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Citations (CiTO) [edit] [Show as list]

usesMethodIn

Recent developments of the chemistry development kit (CDK) - an open-source ja chemo- and bioinformatics.

Current pharmaceutical design, Vol. 12, No. 17. (2006), pp. 2111-2120, doi:10.2174/1381612067775852

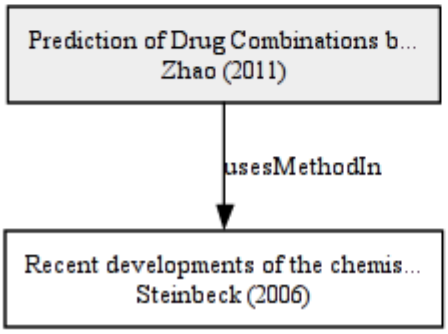
by C. Steinbeck, C. Hoppe, S. Kuhn, M. Floris, R. Guha, E. L. Willighagen

posted to papers opensource java cheminformatics by egonw keyed Steinbeck2006 on 2007-06-09 09:

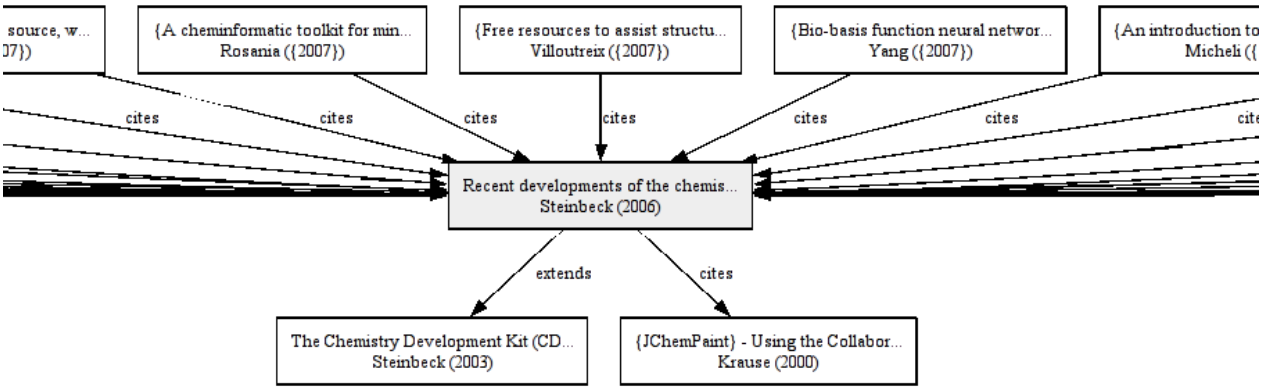
with 5 people and 1 group

Abstract

The Chemistry Development Kit (CDK) provides methods for common tasks in molecular informatics and 3D rendering of chemical structures, I/O routines, SMILES parsing and generation, ring searches checking, structure diagram generation, etc. Implemented in Java, it is used both for server-side cor services, possibly equipped with a web interface, as well as for applications and client-side applets. T introduces the CDK's new QSAR capabilities and the recently introduced interface to statistical softwa



Because CiteULike takes advantage of the inverse function of the CiTO predictates, they show up with the cited paper too, which is less suitable for the top-down flow graphics:



To make this advertorial a bit balanced, not all my wishes have been implemented yet, and the next up from my perspective should be Linked Data. There is some Linked Data embedded as RDFa, but the latter is not turning out to be the killer I had hoped, and regular RDF entry points should be used.

Each CiteULike entry (post) should get a unique IRI (or URI) and opening that link should give RDF about that post (wish #10). That's is dereferencibility. The RDF can be, for example, in BIBO

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but there are many alternatives, and I have not been keeping up with which is the best (please leave a comment, if you have an opinion on that).

But I like where this is going! Thanx, CiteIReallyLikeThis!