chem-bla-ics

RSC: the first publisher to go semantic!

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Just announced: the RSC goes semantic ! Colin Batchelor was here at the CUBIC last autumn, where we discussed issues involved, mostly relating to experimental section of organic chemistry syntheses, and NMR and MS spectra in particular, so I knew that this was coming our way. The announcement writes:

> RSC Publishing, the publishing arm of the Royal Society of Chemistry, is pleased to announce a new initiative for its journals. From February 2007 electronic RSC journal papers will be enhanced so that their data can be read, indexed and intelligently searched by machine, a first step towards the "semantic web".
>
> Readers will be able to click on named compounds and scientific concepts in an electronic journal article to download structures, understand topics, or link through to electronic databases; compounds and ontology terms will be published as RSS feeds enabling automated discovery of relevant research.
>
> The initiative, coined 'Project Prospect', is the first of its scope from a primary research publisher. Developed together with UK academics based at the Unilever Centre of Molecular Informatics and the Computing Laboratory at Cambridge University, the Project uses InChIs (IUPAC's International Chemical Identifier for compounds); OBO ontology terms (Open Biomedical Ontologies: a hierarchical classification of biomedical terms) such as the Gene Ontology (GO) and the related Sequence Ontology (SO); terms from the IUPAC Gold Book; and CML (Chemical Markup Language: a means to describe molecular information in a structured form).
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> This is a completely free service for authors and readers of RSC journals. The enhanced articles have an at a glance HTML view with additional features accessed by a tool box. Downloadable compound structures and printer friendly versions will be available via this new service.

Colin, cheers!