

Ubiquity fun: entering semantic markup as easy as running a Ubiquity command

Egon Willighagen 

Published September 1, 2008

Citation

Willighagen, E. (2008, September 1). Ubiquity fun: entering semantic markup as easy as running a Ubiquity command. *Chem-bla-ics*. <https://doi.org/10.59350/s6bgg-e7a38>

Keywords

Rdf, Javascript, Web, Ubiquity

Abstract

Now, the DOI ubiquity scripts I just blogged about, was just the beginning of things. Me exploring the environment and learning the JavaScript language.

Copyright

Copyright © Egon Willighagen 2008. Distributed under the terms of the [Creative Commons Attribution 4.0 International License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Now, the [DOI ubiquity scripts](#) I just blogged about, was just the beginning of things. Me exploring the environment and learning the JavaScript language.

I start to become really interesting when we use these technologies to improve things. I am still not sure people will like the command line nature, but at least I will be a happy user. This is the setting: I'm blogging about some chemistry, like to add an InChI (or InChIKey) and add that [cool sechematic markup](#) people have been blogging about, but I do not know (or want to know) the HTML details for that.

Well, no worries, no more. Here comes *sechematic-inchi* ([installer here](#))!

Step 1

I type in the InChI I want in my blog (example showing that of [methane](#)):

ubiquity scripts/▷ is just blogged about, was just the beginning environment and learning the JavaScript language.

I start to become really interesting when we use these technologies not sure people will like the command line nature, but at least I setting: I'm blogging about some chemistry, like to add an InChI [href="http://chem-bla-ics.blogspot.com/2006/12/including-smiles-c-sechematic-markup.html"](http://chem-bla-ics.blogspot.com/2006/12/including-smiles-c-sechematic-markup.html) people have been blogging about, but I do no details for that.

Well, no worries, no more. Here comes *<i>sechematic-inchi</i>*!

InChI=1/CH4/h1H4



And, I select the InChI:

sechematic markup people have been blogging about details for that.

Well, no worries, no more. Here comes *<i>sechematic-inchi</i>* [href="http://blueobelisk.sourceforge.net/people/ego"](http://blueobelisk.sourceforge.net/people/ego)

InChI=1/CH4/h1H4



After which I hit the Ubiquity shortcut (ALT-SPACE on Linux) and I type *sechematic-inchi*:

chem-bla-ics

sechemtic-inchi

sechemtic-inchi InChI=1/CH1/h1H4

sechemtic-inchi (inchi)

Inserts a URL for the inchi: *InChI=1/CH1/h1H4*

I start to become really interesting when we use these technologies. I'm not sure people will like the command line nature, but at least I'm blogging about some chemistry, like to add an InChI: <http://chem-bla-ics.blogspot.com/2006/12/including-smiles-sechemtic-markup.html> people have been blogging about, but I do more details for that.

Well, no worries, no more. Here comes *<sechemtic-inchi>* (<http://blueobelisk.sourceforge.net/people/egonw/sechemtic-inchi.html>)

InChI=1/CH1/h1H4

▶ Post Options Labels for this post:
e.g. scooters, vacation, fall

Shortcuts: press **Ctrl** with: **B** = PUBLISH POST, **S** = SAVE NOW

And, viola, there is my RDFa HTML code for chemistry:

Well, no worries, no more. Here comes *<sechemtic-inchi>* (<http://blueobelisk.sourceforge.net/people/egonw/sechemtic-inchi.html>)! [installer here](http://blueobelisk.sourceforge.net/people/egonw/sechemtic-inchi.html)!

InChI=1/CH1/h1H4

▶ Post Options Labels for this post:
e.g. scooters, vacation, fall

Shortcuts: press **Ctrl** with: **B** = **Bold**, **I** = **Italic**, **P** = **Publish**, **S** = **Save**, **D** = **Draft more**

PUBLISH POST SAVE NOW Draft autosaved at 4:37 AM

Now, with only minor amounts of fantasy, you can imagine where this is going: SMILES, InChiKey, etc, etc. Hook it up with [chemistry webservices](#) to autoconvert SMILES to InChiKeys, and Bob's your uncle.