

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

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## 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.

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## chem-bla-ics

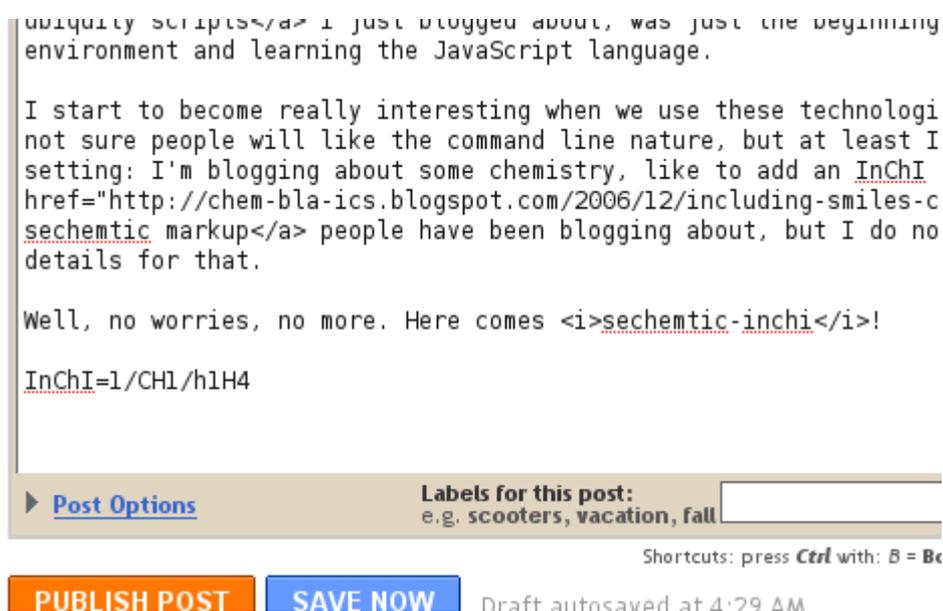
Now, the [DOI ubiquity scripts](#) I just blogged about, was just the beginning of things. Me exploring the environment and learning the JavaScript language.

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](#)):



The screenshot shows a Blogger post editor. The main text area contains the following content:

```
ubiquity scripts I just blogged about, was just the beginning
environment and learning the JavaScript language.

I start to become really interesting when we use these technologi
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" 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/CH1/h1H4
```

Below the text area, there is a "Post Options" section with a "Labels for this post:" field containing "e.g. scooters, vacation, fall". At the bottom, there are two buttons: "PUBLISH POST" (orange) and "SAVE NOW" (blue). A status bar at the bottom right indicates "Draft autosaved at 4:29 AM".

And, I select the InChI:



The screenshot shows the same Blogger post editor as above, but with the InChI string "InChI=1/CH1/h1H4" selected (highlighted in blue). The rest of the page layout, including the "Post Options" section and the "PUBLISH POST" and "SAVE NOW" buttons, remains the same.

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

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 technology, but I'm not sure people will like the command line nature, but at least in this setting: I'm blogging about some chemistry, like to add an InChI key. I know that sechemtic markup</a> people have been blogging about, but I don't know the details for that.

Well, no worries, no more. Here comes *sechemtic-inchi* (<a href="http://blueobelisk.sourceforge.net/people/egonw/sechemtic-inchi.html">installer here</a>)! 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 4:21 AM

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

Well, no worries, no more. Here comes *sechemtic-inchi* (<a href="http://blueobelisk.sourceforge.net/people/egonw/sechemtic-inchi.html">installer here</a>)! InChI=1/CH4/h1H4</span>

<span xmlns:chem="http://www.blueobelisk.org/chemistryblogs/" property="chem:inchi">InChI=1/CH4/h1H4</span>

▶ [Post Options](#) Labels for this post: e.g. scooters, vacation, fall  [Show all](#)

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

[Return to list of posts](#)

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