Update for the Week ending November 7th, 2014

The good news: the hypothes.is API works and it is available:

<http://helene.library.uvic.ca:5000/api/search?limit=1000&text=this>

(more on the endpoint arguments that can be passed in:

https://github.com/hypothesis/h/blob/master/docs/api.rst

).

This week of working to get the Hypothes.is code to extend has not produced the results I had hoped for:

* The goal – integrate the data. Right now, the two elements (OJS and Hypothes.is) are entirely separated.
* Hypothes.is’ Firefox Add-on is a “dumb client” in that is loads only the embed code from a single location. But the add-on has little code of its own. I have tried to add in code to extend it to include an additional library, “personas.js” of simple functions that would allow a swap of the JavaScript file in use. That additional reference to the code is not being read in and incorporated.
* Without this ability to intercept the code, we cannot name an alternative place to authenticate (e.g. “Login with your OJS login”) functionality. We cannot name a different source in which to store our annotations.

The roadblocks:

* the hypothes.is code is made up of a large amount of Python code with Javascript written using CoffeeScript. These are exceptionally complex used in this way. As our meeting discussion on November 3rd, 2014, I have reached out for help on some of the specific topics:
  + CoffeeScript: <http://stackoverflow.com/questions/26723232/setting-a-form-field-with-a-default-value-using-coffeescript?noredirect=1#comment42059501_26723232>
  + Adding “assets” (ie. Javascript sources) : <https://groups.google.com/forum/#!topic/pylons-devel/n21qZYQLmWk>
  + I will monitor both threads for engagement and alternately look for a solution that can work otherwise.

Hypothes.is works to annotate web pages—text, images and the promise of video / other multimedia. The Open Journal System stores documents for review as downloaded file attachments. Effectively, that means the documents to be reviewed happen offline in a place where Hypothes.is cannot work.

* This could remedied by changing OJS to convert attachments into HTML and present them inline inside of OJS.
* There are extensions for PHP that can be used to convert the documents into HTML. For example, <http://dag.wiee.rs/home-made/unoconv/#download> could fulfill that role.