

#### Exercise sheet 4

(Submit by email to dm@ling.osu.edu before class on Thursday, February 19)

1. Loosely based on the idea that creating language awareness is one of the relevant issues in iCALL, write a web form on which a user can type a text or upload a text file and can then request to see the text displayed in one of the following ways:
  - (a) with the nouns marked in blue
  - (b) with the adjectives marked in green
  - (c) with the finite verbs marked in orange
  - (d) with the non-finite verbs marked in red
  - (e) with all the above markings together

Some notes:

- To upload a file, use an input element of type file, as discussed, e.g., on <http://www.blooberry.com/indexdot/html/tagpages/i/inputfile.htm>.
- On <http://www.ling.ohio-state.edu/~dickinso/tools.html> you can find a list of tokenizers and part-of-speech taggers installed on our system, including links to the local documentation. (If you need more choice, you can find a longer listing of such tools at <http://ling.osu.edu/~dickinso/corpus.html>.) Note that you'll want to use tools that are already trained (or otherwise parametrized) for the language/tagset that you want to use.
- Use the color attribute of font tags to colorize the html output (style sheets would be a more general solution, but that's not the point of this exercise).