

DECO3801 - Tech Spike Code Navigation Document

THEM - Typed HTML5 Evaluation Machine

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There are two primary components to our project: the website and the parser. The PHP files for the website can be found in the `nginx\html` folder. All of the website files have been coded from scratch; that is, all files in `nginx\html` have been written by us. The two files that are akin to templates for each page are

```
/nginx/html/php/header.php  
/nginx/html/php/footer.php
```

The Python files for the parser can be found in `parser`. Since we are adapting a pre-existing library for this parser, `html5lib`, some files relate to the library and some to our application. The `html5-python` folder (`parser\html5-python`) contains all of the code of `html5lib`, the main parsing library behind our site. We have made a number of additions and modifications to this code base, all of which have been marked with a “DECO3801” tag to signify where we have made these changes. The following directory listings comprise all of the files that have been modified.

```
/html5-python/html5-lib/html5parser.py  
/html5-python/html5-lib/constants.py  
/html5-python/html5-lib/inputstream.py
```

The source code found in the “src” directory contains the source code for the concurrent JSON-RPC folder. The file `rpc_server.py` is the current version in use, and other files in this folder should be disregarded.