## Settings for QTL Viewer Web App

The settings file for the web app is essentially a python file assigning values to variables. All comments in the file start with a # (pound sign).

### SECTION: WEB APP CONFIGURATION

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| NAME | DATA TYPE | EXAMPLE | NOTE |
| HOST | STRING | 0.0.0.0 | To allow any IP to connect use 0.0.0.0 |
| PORT | INTEGER | 8888 | The port to listen on |
| URL\_HOST | STRING | myserver.com |  |
| URL\_BASE | STRING | http://myserver.com | URL of the requests to be made |
| URL\_BASE\_STATIC | STRING | http://myserver.com/static |  |
| THREADED | BOOLEAN | True | Handle more than 1 request at a time |
| DEBUG | BOOLEAN | True | Turn debugging on or off |
| COMPRESS\_DEBUG | BOOLEAN | True | Turn compression on or off |
| COMPRESS\_MIMETYPES | Array | [‘text/html’,’text/css’] | The types of files that will be compressed |

### SECTION: DATA CONFIGURATION

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| --- | --- | --- | --- |
| NAME | DATA TYPE | EXAMPLE | NOTE |
| DATA\_BASE\_DIR | STRING | /data/qtlexperiment | The base directory |
| DATA\_SEARCH\_DB | STRING | simple\_annotations.84.db3 | Search database |
| DATA\_CHROMOSOMES | STRING | chromosomes.json |  |
| DATA\_HDF5 | STRING | QTL\_data.h5 | The data! |
| SPECIES | STRING | Mm | Mm, Hs, or None for Human and Mouse |