

Another chan script

Aims

- Rewrite my previous imageboard scripts using a faster NoSQL database (MongoDB)
- Add features that weren't present in my previous scripts e.g:
 - Jump to reply
 - User created boards
 - User CSS
 - Actually decent formatting

Methods

There are a couple things that need to be defined first off:

- The post schema
- General logic structure
- Server filesystem structure

Post Schema

To form a fully functional post 6 amount of things need to be included:

- post ID
- post body
- image/media
- board
- thread ID (basically the ID of the post which started the thread(will be labeled as replyingto or similar))
- Name (if desired)

This will take a dictionary form while in python. Looking something like this

```
post = {'id':654321, 'body':'this is a sample post', 'image':'456745.png', 'board': 'g',  
        'replyingto':'765432', 'name':'anon'}
```

Logic

This project will be written in flask as its fast and efficient. There will be an index page at /.

Each board will have a one to three letter identifier which will correspond to an actual title e.g:

```
boards = {'g':'technology', 'b':'random', 'gif':'gif', 'hr':'high res'}
```

As each board page is accessed all of the threads will be gathered. Threads are started with posts which have an empty replyingto field. Along with the thread starting posts, approx 3 more posts will be grabbed to be displayed under the thread.

Threads will be ordered by number of replies by default. This will be changeable (I think) On viewing a thread All posts within that board with a certain replyingto will be gathered and displayed

Filesystem