

Selket documentation

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Selket, a tiny Static Site Generator

Subhaditya Mukherjee

1. Example site

- 1) My website
- 2) <https://www.subhadityamukherjee.me>

2. Steps to make a site

- 1) `pip install -r requirements.txt`
- 2) Initialize with
`python selket/runner.py -n "mysimplesite"`
- 3) Edit `config.json` to your liking
- 4) Add whatever you want to `index.md`
- 5) Add some posts

2.1. To make a post

- 1) Run
`python runner.py -n "mysimplesite" -p`
- 2) Fill in the title etc
- 3) Edit the file that was created

2.2. To generate site

- 1) To serve locally
`python runner.py -n "mysimplesite" -s`
- 2) Then open the link that is displayed
- 3) To just generate
`python runner.py -n "mysimplesite" -p`

2.3. Clear everything

- 1) `python runner.py -f True`

2.4. Some special syntax

These can be entered in your markdown files

[index] will insert a custom index in the page

- 2) [total_posts] count of total files in _posts/
- 3) [title] title of the current document taken from the tags

3. Tips

3.1. Math support

- 1) If you want to add math support to your websites, add the following code to the head of the layout

```
““js
<script type="text/javascript" async
src="https://cdnjs.cloudflare.com/ajax/libs/mathjax/2.7.7/MathJax.js?config=TeX-MML-AM_CHTML">
</script>
““
```

- 2) Then you have to add $equation$ and it should work

3.2. Image size

- 1) Markdown supports html syntax, so if you want a different image size, just add it as an html

3.3. Custom domain name in github pages

- 1) Add a file called CNAME and add your website URL to it

3.4. Add search to site

- 1) In your css file add the following

```
““css
```

4. #myInput {

```
/* background-image: url('/css/searchicon.png'); [> Add a search icon to input <] */
background-position: 10px 12px; /* Position the search icon */
background-repeat: no-repeat; /* Do not repeat the icon image */
width: 100%; /* Full-width */
font-size: 16px; /* Increase font-size */
padding: 12px 20px 12px 40px; /* Add some padding */
```

5. border: 1px solid #ddd; /* Add a grey border */

```
margin-bottom: 12px; /* Add some space below the input */
}
```

6. ~#myUL {

```
/* Remove default list styling */
list-style-type: none;
```

```
padding: 0;
margin: 0;
}
```

7. #myUL li a {

8. border: 1px solid #ddd; /* Add a border to all links */
margin-top: -1px; /* Prevent double borders */

9. background-color: #f6f6f6; /* Grey background color */
padding: 12px; /* Add some padding */
text-decoration: none; /* Remove default text underline */
font-size: 18px; /* Increase the font-size */
color: black; /* Add a black text color */
display: block; /* Make it into a block element to fill the whole list */
}

10. #myUL li a:hover:not(.header) {

11. background-color: #eee; /* Add a hover effect to all links, except for headers */
}

““

2) Then in your main template, add this to the <head></head>

““js

```
<script>
function searcher() {
  // Declare variables
  var input, filter, ul, li, a, i, txtValue;
  input = document.getElementById('myInput');
  filter = input.value.toUpperCase();
  ul = document.getElementById("myUL");
  li = ul.getElementsByTagName('li');

  // Loop through all list items, and hide those who don't match the search query
  for (i = 0; i < li.length; i++) {
    a = li[i].getElementsByTagName("a")[0];
    txtValue = a.textContent || a.innerText;
    if (txtValue.toUpperCase().indexOf(filter) > -1) {
      li[i].style.display = "";
    } else {
      li[i].style.display = "none";
    }
  }
}
}
```

</script>

““

3) Now in whichever md, file you have added the [index], just do this.

““ ul id="myUL">

[index] /ul>

““

12. Code stats so far

Language	Files	Lines	Code	Comments	Blanks
Markdown	2	42	0	35	7
Python	5	367	311	2	54
Shell	1	8	8	0	0
Total	8	417	319	37	61