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# Shonku Documentation

*Release 0.1*

**Kushal Das**

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Shonku is a static blog generator written in golang.

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# CHAPTER 1

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## History of the project

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More than a year back I was introduced to [Nikola](#), a static blog/site generator written in Python. It completely changed my view about blogs. Blogging suddenly became simple again and I started spending more time in writing than thinking about formatting etc.

But I was having problem in maintaining my theme and dependencies between upgrades also increased (which is a good thing in one way as the upstream is adding a lot of features in Nikola).

I started shonku from there with a hope to keep it as simplified Nikola written in [golang](#). It works very fast too.





### Install golang

Download golang from [here](#) , extract go directory under your home directory.

```
$ mkdir ~/gocode
```

Now write the following lines in your `~/.bashrc` file.

```
export PATH=$PATH:~/go/bin
export GOPATH=~/gocode/
export GOROOT=~/go/
```

and then

```
$ source ~/.bashrc
```

### Install the dependencies

After golang installation, get the dependent libraries.

```
$ go get github.com/russross/blackfriday
$ go get github.com/gorilla/feeds
  $ go get code.google.com/p/go.net/html
```



## CHAPTER 3

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Get the latest Shonku code

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Use git to clone the repository

```
$ git clone https://github.com/kushaldas/shonku.git
```



## CHAPTER 4

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### Building the source

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```
$ make
```

This should create a binary called *shonku.bin*.



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## Rebuilding bindata for default theme

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In case you make any changes to the default theme, you want those changes inside the binary file also. For that issue the following command before building the binary.

```
$ go-bindata assets/... templates/
```

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**Note:** Remember to install go-bindata from [here](#).

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**Note:** We support only [Markdown](#) format. You can learn it very fast and use any text editor to edit.

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## Creating new site

First go to an empty directory and run the following command.

```
$ ./shonku.bin -new_site
```

This will create the required files and directories for shonku to run.

## Writing a new post

To write a new blog post do the following command.

```
$ ./shonku.bin -new
Enter the title of the post: Hello World
Your new post is ready at ./posts/hello-world.md
```

As the output shows your first blog post is ready. Make the changes as you want in that file.

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**Note:** Remember to keep a blank line at the end of each post or page.

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## Building your post

Just run the following command.

```
$ ./shonku.bin
{SITE AUTHOR SITE TITLE http://localhost/ Copyright 2014 yourdisqus author@email_
↳Description of the site URL for logo [{/pages/about-me.html About} {/categories/_
↳Categories} {/archive.html Archive}}]
Building post: ./posts/hello-world.md
```

You can check the output directory for the finished blog post.

## Force rebuild of the whole site

```
$ ./shonku.bin -force
```

The above command will rebuild the whole site. You may want to use this command when you make any change to your theme or configuration file.

## Details of each post

When you create a new post it will contain something similar to the details below

```
<!--
.. title: Hello World
.. slug: hello-world
.. date: 2014-05-19T12:15:41+05:30
.. tags: Blog
.. link:
.. description:
.. type: text
-->

Write your post here.
```

You can add more tags to the post, they are comma separated. This post format is same of Nikola v7.x, that means it is interchangeable between these two blog engines.

## Individual author per post

We can have individual author for each post. Just add the following line in any of the post where you want a different author (do it in the comments as show in above).

```
.. author: AUTHOR NAME
```

# CHAPTER 7

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## Configuration

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Shonku works based on a JSON configuration file based on the primary directory. It is *conf.json*. Various values of the file is explained below.

- “Author” - is the site author’s name.
- “Title” - is the title of the blog.
- “URL” - is the url of the blog. Remember to give the trailing slash in the url.
- “Description” - long description of the site.
- “Logo” - Url of the logo for the blog.
- “Content\_footer” - footer text
- “Email” - Author’s email.
- “Disqus” - your disqus name for dynamic comments.
- “Links” - For the links in the header of each page.
- “WithAMP” - If you have *true* for this, then it will try to build AMP post pages (you need output/posts/amp directory

for this to work.



## CHAPTER 8

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### Contributors

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Names are not in any particular order.

- Bibhas : Wrote the patch for the slug creation.
- Siddhesh : Contributor to many different parts of the codebase.



We have a very simple theme in Shonku and one can easily modify the theme.

The primary directory to keep in mind is *templates*. This is where all template files are. If you make any changes to the templates remember to do a force build of the site.

All static files required for the current theme are located in the *assets* directory. You can add any static file there.

## Secondary Themes

We are slowly building a list of secondary themes. Most of these themes are following Nikola themes only.

- [Shankoplast](#)

You can [download](#) the latest version of these themes from github. Feel free to submit your own theme.





# CHAPTER 10

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## Indices and tables

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- `genindex`
- `modindex`
- `search`