# BookStack Configuration

## Environment Settings

Bookstack stores custom settings file `.env` within its active directory, `/var/www/bookstack/` this is where you will go to modify most settings within your bookstack instance. Check the GitHub link below for a complete list of environment variables on the active release branch.

https://github.com/BookStackApp/BookStack/blob/release/.env.example.complete

> `APP_URL` environment variable <u>must</u> lead with `http://` or `https://` and end with `/` such as `http://website.com/` or `https://website.com/`. Any form of the following will cause URL redirect issues: `www.website.com`, `website.com` or `subdomain.website.com`

## Mail Setup

To allow BookStacks to send mail using <u>Google's free mail server</u>, ensure that your .env settings within your bookstack directory ( `/var/www/bookstack/.env` ) contains the below.

```
# The below url has to be set if using social auth options
# or if you are not using BookStack at the root path of your domain.
APP_URL=https://knoats.com/

#Mailsettings
MAIL_DRIVER=smtp
MAIL_HOST=smtp.gmail.com
MAIL_PORT=587
MAIL_USERNAME=email@gmail.com
MAIL_PASSWORD=password
MAIL_ENCRYPTION=tls
MAIL_FROM=email@gmail.com
```

Now head over to <u>Configure Postfix</u> to setup a Mail Transfer Agent (MTA) on your host. If you have a firewall, be sure you open the port you enter for `MAIL_PORT`.

Once that's done, test sending mail with the command below, where `emailuser@example.com` is the destination email address -

```
echo "This email confirms that Postfix is working" | mail -s "Testing Posfix" emailuser@example.com
```

You must have a valid HTTPS certificate configured, if you are using DigitalOcean. See the link below.

[DO - DNS Records](#)

[Knoats - NGINX SSL Configuration](#)

As a final step, we can use BookStack's builtin mail test within the Settings->Maintenance panel -



Once we click the button to send a test email, we should see something like the below



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