
Pani Documentation

Release 0.1

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Pani is a glue tool to put together various Mercurial extensions. The web application allows an administrator to manage projects and users.

Installation

- Install the required packages:

```
# yum install python-virtualenv
```

- Create the user - mercurial:

```
# adduser mercurial
```

- Switch to mercurial user:

```
# su - mercurial
```

- Create a Python virtual environment:

```
$ virtualenv panienv
```

- Download the tarball:

```
$ wget 'https://bitbucket.org/bngsudheer/paniweb/downloads/pani.tar.gz'
```

- Extract the tarball:

```
$ tar -zxvf pani.tar.gz
```

- Change directory:

```
$ cd pani
```

- Install the Paniweb application:

```
$ ~/panienv/bin/python setup.py install
```

- Paniweb requires a configuration file. The location of the configuration file should be set in your environment. For example, add this in your `~/.bashrc` file:

```
export PANI_SITE_SETTINGS=/home/mercurial/etc/pani.cfg
```

- The next time you login to the shell, the environment variable will be available. To make it available immediately:

```
source ~/.bashrc
```

- Create the directory for configuration:

```
$ mkdir ~/etc
```

- Setup the database:

```
$ cat pani/doc/schema.sql | sqlite3 pani.db
```

- Add the following to your configuration file(/home/mercurial/etc/pani.cfg):

```
SQLALCHEMY_DATABASE_URI='sqlite:///home/mercurial/pani/pani.db'  
SQLALCHEMY_ECHO='false'  
SESSION_SECRET_KEY='yetanothersecret'  
DEBUG=False  
AUTHORIZED_KEYS_PATH='/home/mercurial/.ssh/authorized_keys'  
BASE_PATH='/home/mercurial'
```

- Create .ssh directory if it does not exist already:

```
ssh-keygen
```

The lazy way of creating the .ssh directory with appropriate permission.

- Run the application:

```
$ ~/panienv/bin/python runserver.py
```

The application will be running on port 5006. Setup a proxy to put Pani behind a web server like Apache or Nginx if you wish.

The default account details:

```
username: admin  
password: password
```

To change the password, click Users and then click Edit button next to the user.

1.1 Indices and tables

- *genindex*
- *modindex*
- *search*