PYPI

pip custom repo

~/.pip/pip.conf

```
[global]
trusted-host = pypi.csgalileo.org
extra-index-url = https://user:password@pypi.csgalileo.org/simple
```

setuptools with custom repo

~/.pypirc

```
[distutils]
index-servers = pypi
                galileo

[pypi]
repository: http://pypi.python.org/pypi
username:
password:

[galileo]
repository: https://pypi.csgalileo.org
username:user
password:password
```

PYPI repo with apache

https

```
sudo openssl req -x509 -nodes -days 3650 -newkey rsa:2048 \
 -keyout /etc/apache2/ssl/pypi.csgalileo.org.key \
 -out /etc/apache2/ssl/pypi.csgalileo.o.pem
```

```
a2enmod ssl
```

/etc/apache2/sites-enabled/pypi.conf

```
<VirtualHost *:80>
    ServerName pypi.csgalileo.org
```

```
    RewriteEngine On
    RewriteCond %{HTTPS} off
    RewriteRule (.*) https://%{HTTP_HOST}%{REQUEST_URI}
</VirtualHost>

<VirtualHost *:443>
    ServerName pypi.csgalileo.org
    DocumentRoot /var/www/pypi.csgalileo.org

    SSLEngine On
    SSLCertificateFile /etc/apache2/ssl/pypi.csgalileo.org.pem
    SSLCertificateKeyFile /etc/apache2/ssl/pypi.csgalileo.org.key

    <Directory /var/www/pypi.csgalileo.org/>
        AllowOverride None
        Options +Indexes
        IndexOptions SuppressColumnSorting
        IndexIgnore ..
        Order deny,allow
        Allow from all

        AuthType Basic
        AuthName "Galileo"
        AuthBasicProvider file
        AuthUserFile /etc/apache2/passwords_pypi
        Require valid-user
    </Directory>

    LogLevel warn
    ErrorLog /var/log/apache2/pypi-error.log
    CustomLog /var/log/apache2/pypi-access.log combined
</VirtualHost>
```

Users

create

```
sudo htpasswd -c /etc/apache2/passwords_pypi <user>
```

add user or change password

```
sudo htpasswd /etc/apache2/passwords_pypi <user>
```

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