COMEÇANDO COMO MICROFRAMEWORK PYTHON

P/WEB MAIS POPULAR Philipping



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ABOUT



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QUAL É MELHOR?

LARAVEL X DJANGO X RUBYONRAILS X FLASK

FLASK PRA QUÊ?



















"Flask is a microframework for Python based on Werkzeug, Jinja 2 and good intentions. And before you ask: It's BSD licensed!"

http://flask.pocoo.org/



Versões

Lançamento em 1/4/2010

Atual e estável 0.12.2 - 16/5/2017



Armin Ronacher





pip install Flask

HELLO PESSOAS!

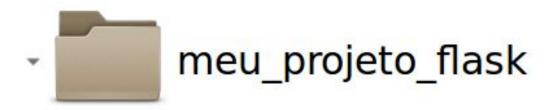
from flask import Flask



```
app = Flask(__name )
@app.route("/")
def hy():
                   1.0calhost:5000
   return "Hello PyCon AM!"
   name == ' main ':
if
   app.run()
```

COMEÇANDO A ORGANIZAR AS COISAS











meu_projeto_flask.py

COMEÇANDO A ORGANIZAR AS COISAS



```
from flask import Flask
from flask.templating import render_template
app = Flask( name )
@app.route("/")
def hy():
    return render_template('index.html')
if ___name__ == '__main___':
    app.run()
```





```
from flask import Flask
from flask.templating import render_template
app = Flask(__name__)
@app.route("/")
def hy():
    return render template('index.html')
if name__ == '__main__':
    app.run(debug=True)
```

PASSAGEM DE PARÂMETROS



```
(\dots)
@app.route("/")
def hy():
    hora = datetime.datetime.now()
                     .strftime('%H:%M:%S')
    return render template(
                 'index.html',
                 hora=hora
(\ldots)
```

PASSAGEM DE PARÂMETROS VIA URL







Flask-Restless provides simple generation of ReSTful APIs for database models defined using SQLAlchemy (or Flask-SQLAlchemy). The generated APIs send and receive messages in JSON format.

https://flask-restless.readthedocs.io/en/stable/

pip install Flask-Restless





```
class Pessoa(db.Model):
    id = db.Column(db.Integer,
primary_key=True)
    nome = db.Column(db.String(60))
    data_nascimento = db.Column(db.Date)
    cpf = db.Column(db.String(11), unique=True)
db.create_all()
manager.create_api(
    Pessoa,
    methods=['GET', 'POST', 'PUT', 'DELETE']
```

PKGS PRONTOS



Flask-Admin, Flask-Cache, Flask-Celery,

Flask-Login, Flask-Mail, Flask-Migrate

Flask-OAuth, Flask-Security, Flask-Testing

(...)

http://flask.pocoo.org/extensions/





Bruno Rocha

http://pythonclub.com.br/tag/what-the-flask.html

Miguel Grimberg

https://blog.miguelgrinberg.com/post/the-flask-mega
-tutorial-now-with-python-3-support

Documentação oficial

http://flask.pocoo.org/docs/0.12/





Valeu!!

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