

# **Introduction to Web Development in Python**

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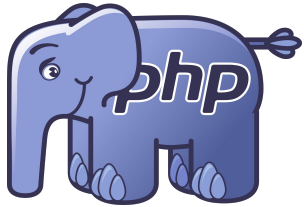
*Tech Speaker (Gnome.ASIA Summit 2019, PyCon ID 2019, etc.)*

Speak in  live in 

 [linkedin.com/in/rakhid16](https://linkedin.com/in/rakhid16)

 [github.com/rakhid16](https://github.com/rakhid16)

# Backend technologies these day



**Golang**



WEBASSEMBLY

dan masih banyak lainnya...

**MANA YANG HARUS SAYA KUASAI?**  
**tergantung, sesuaikan saja dengan kebutuhan**

# Tips memilih bahasa pemrograman untuk dikuasai:

1. Harus paham dengan apa yang mau dibuat (*begin with end in the mind*)
2. Berapa lama waktu yang harus diluangkan (untuk mempelajarinya/memahami *environment*)
3. Tersedianya media belajar di Internet yang mendukung
4. Dukungan komunitas lokal
5. Tren teknologi saat ini
6. Pekerjaan

**When you switch  
from C++ to Python**

**Why Python?**

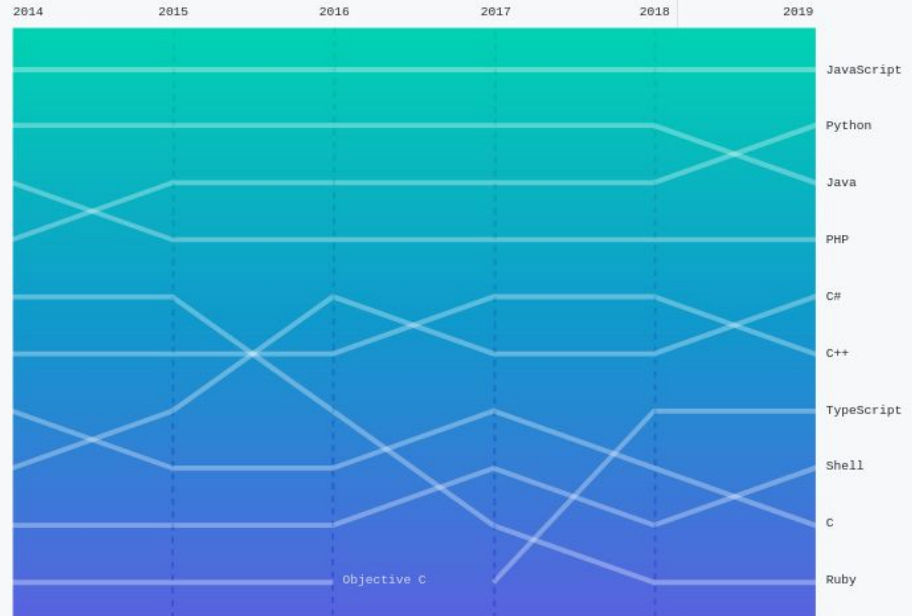


# Top languages

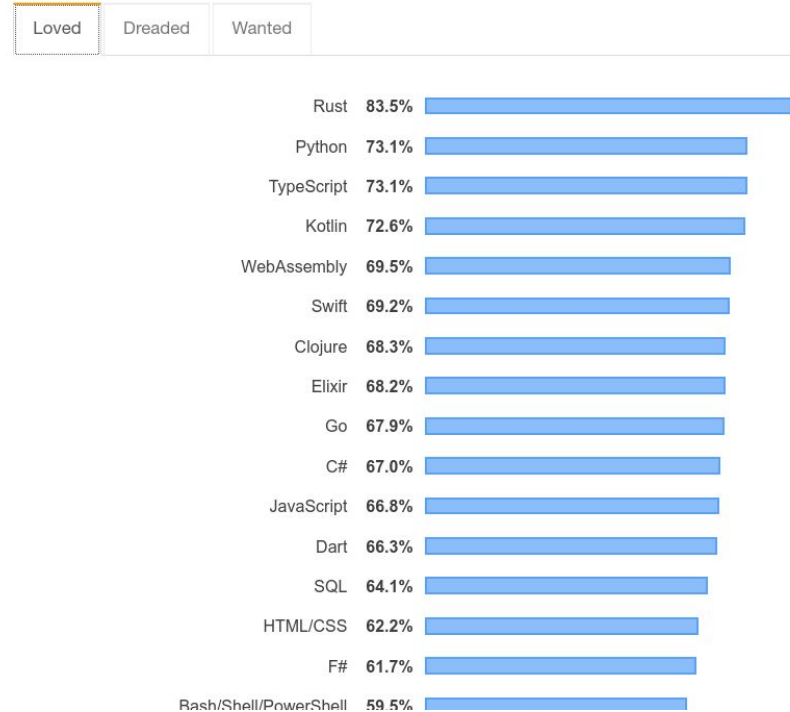
## Top languages over time

This year, C# and Shell climbed the list. And for the first time, Python outranked Java as the second most popular language on GitHub by repository contributors.\*

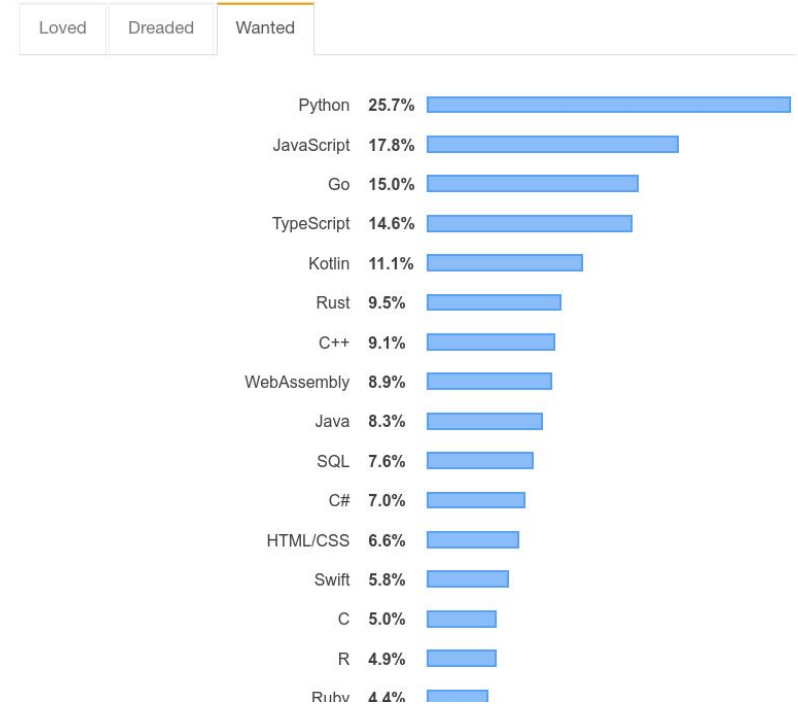
In the last year, developers collaborated in more than 370 primary languages on GitHub.



## Most Loved, Dreaded, and Wanted Languages



## Most Loved, Dreaded, and Wanted Languages





# Keunggulan lainnya :

1. Mudah sekali (bahkan anak SMP bisa memahaminya)
2. Dukungan komunitas yang hebat (*programmer*'nya baik-baik :p)
3. Banyak tersedia *framework* pendukung proses pengembangan
4. Gratis & open source
5. Tersedia secara langsung di Linux & Mac
6. Prospektif

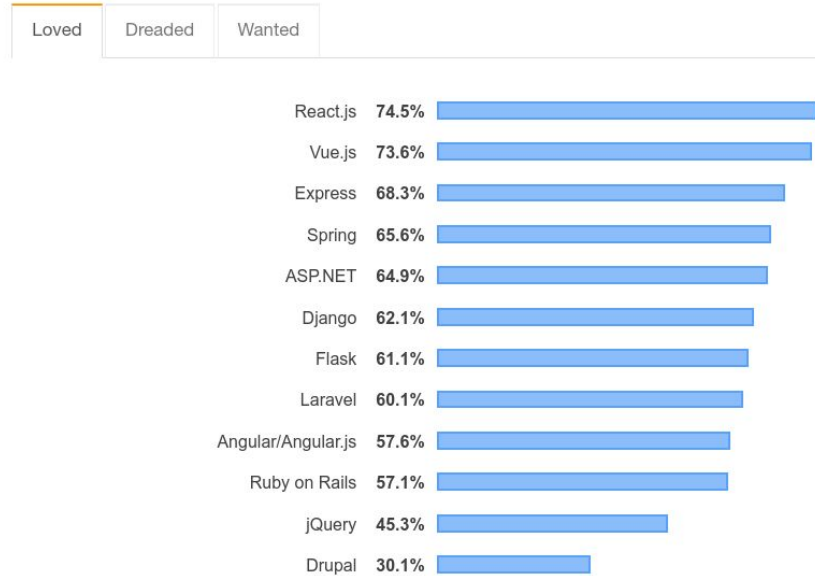
# Pemain utama di Python untuk WebDev



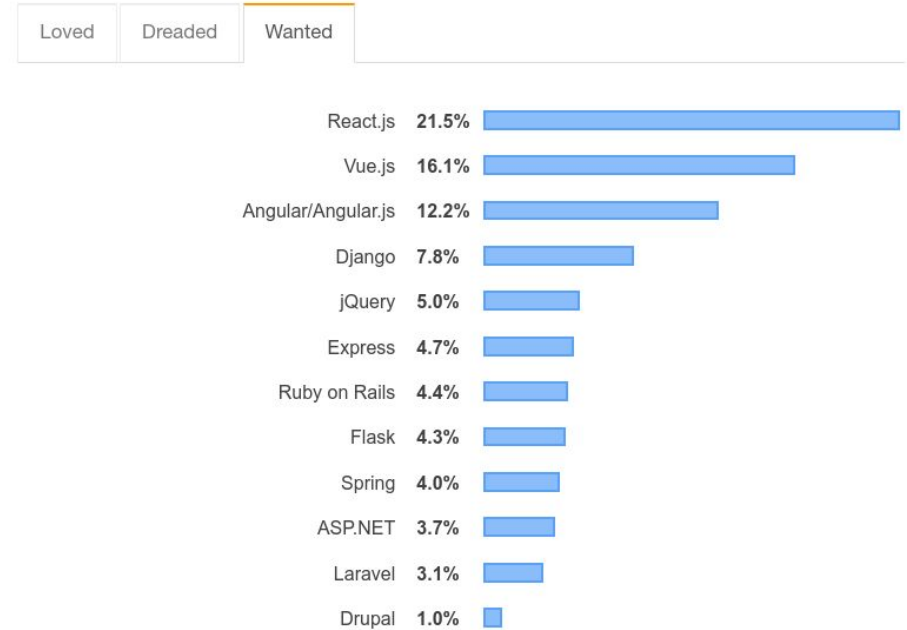
# django

The web framework for  
perfectionists with deadlines.

## Most Loved, Dreaded, and Wanted Web Frameworks



## Most Loved, Dreaded, and Wanted Web Frameworks



# Real world applications?



dan masih banyak lainnya...

**Start from here ;-)**

pip install flask

pip install django

or

or

pip3 install flask

pip3 install django

# Materi hari ini:

1. *Hello world in Django*
2. *Flask development environment*
3. *Template Engine*
4. *Web Forms*
5. *Deploying to Heroku (kondisional)*







```
from flask import Flask

app = Flask(__name__)

@app.route('/')
def index():
    return "Hello, world!"

# OPTIONAL
app.run(debug=True)
```