

 <https://jsmastery.pro>

A Simple Guide to Backend Languages

 JavaScript Mastery



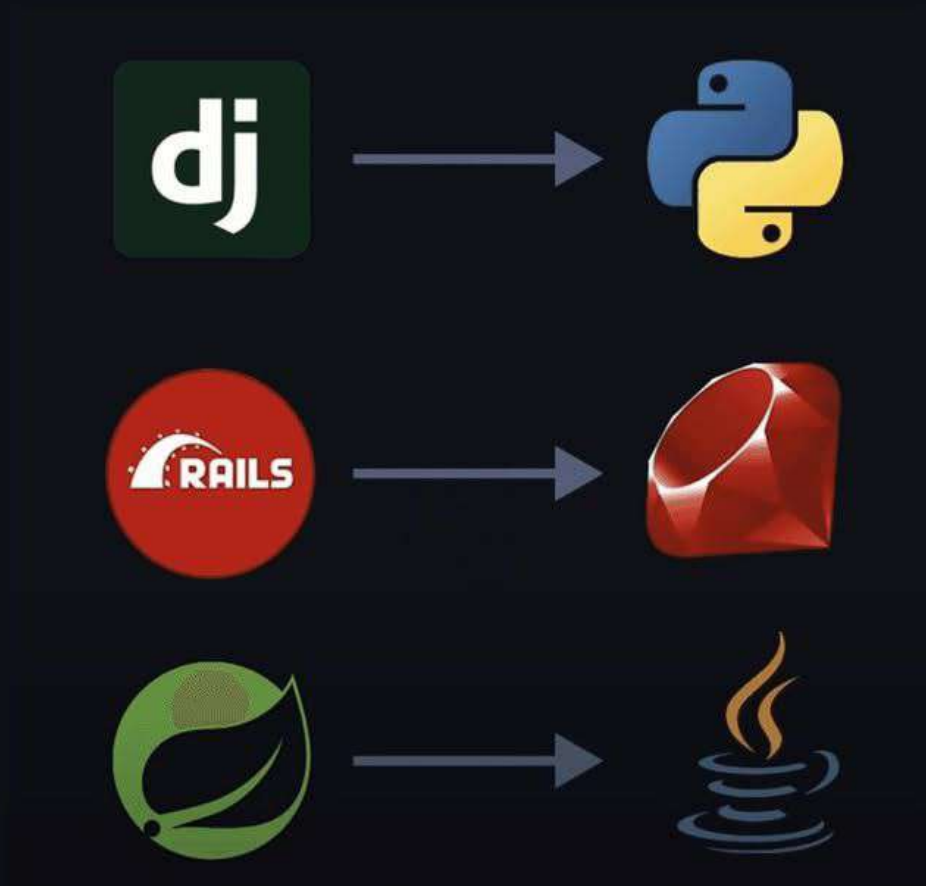
ex



Backend Languages

To build APIs, you need a **backend language**.

Let's explore **the most common languages** & tools used for fetching and processing data!



Popular Choices

You can **build your backend** using languages such as:

✓ **Python**

✓ **Ruby**

✓ **Java**

✓ **JavaScript runtimes** like Node.js, Bun, or Deno



Writing a Server

If I had to quickly show you how to create a **simple Node.js server**, it would look something like this:

```
// Create the server
const server = http.createServer((req, res) => {
  // Parse the URL of the incoming request
  const parsedUrl = url.parse(req.url, true);

  // Set the response header
  res.setHeader('Content-Type', 'text/plain');
```

Yes, writing everything from scratch **can feel overwhelming...**

Enter Frameworks!

Backend frameworks **simplify development** by handling:

- ◆ **Routing** – Organizing how requests are processed
- ◆ **Middleware** – Managing authentication, logging, etc.
- ◆ **Error Handling** – Ensuring smooth operations

Popular Frameworks

Some widely-used **backend frameworks** include:

🟢 **JavaScript** – Express, Hono, NestJS

🐍 **Python** – Django

💎 **Ruby** – Ruby on Rails

☕ **Java** – Spring



Choosing a Framework

When **selecting a backend framework**, it's important to consider:

- ✅ **Community** – Support & resources
- ✅ **Learning Curve** – Match your skill level
- ✅ **Project Needs** – Scalability & performance

