

# CODING LANGUAGES OF THE WORLD

## TOTAL COUNT & THE “UNIVERSAL” POWERHOUSES

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# HOW MANY EXIST?

The answer depends on how you define "language".



# THE "UNIVERSAL" SOLUTION

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**DNS TXT Records: The Swiss Army Knife of Domain Data - Versatile, Vulnerable, and How to Sheath the Blade Safely**

## YOU DON'T NEED ALL 9,000

To complete **EVERY** type of development need (Web, Mobile, Desktop, AI, Systems), you only need a master set of 5 languages.

- ✓ JavaScript/TypeScript (Web & Frontend)
- ✓ Python (AI & Data)
- ✓ Java (Enterprise & Android)
- ✓ C# (Games & Windows)
- ✓ C++ (High Performance)

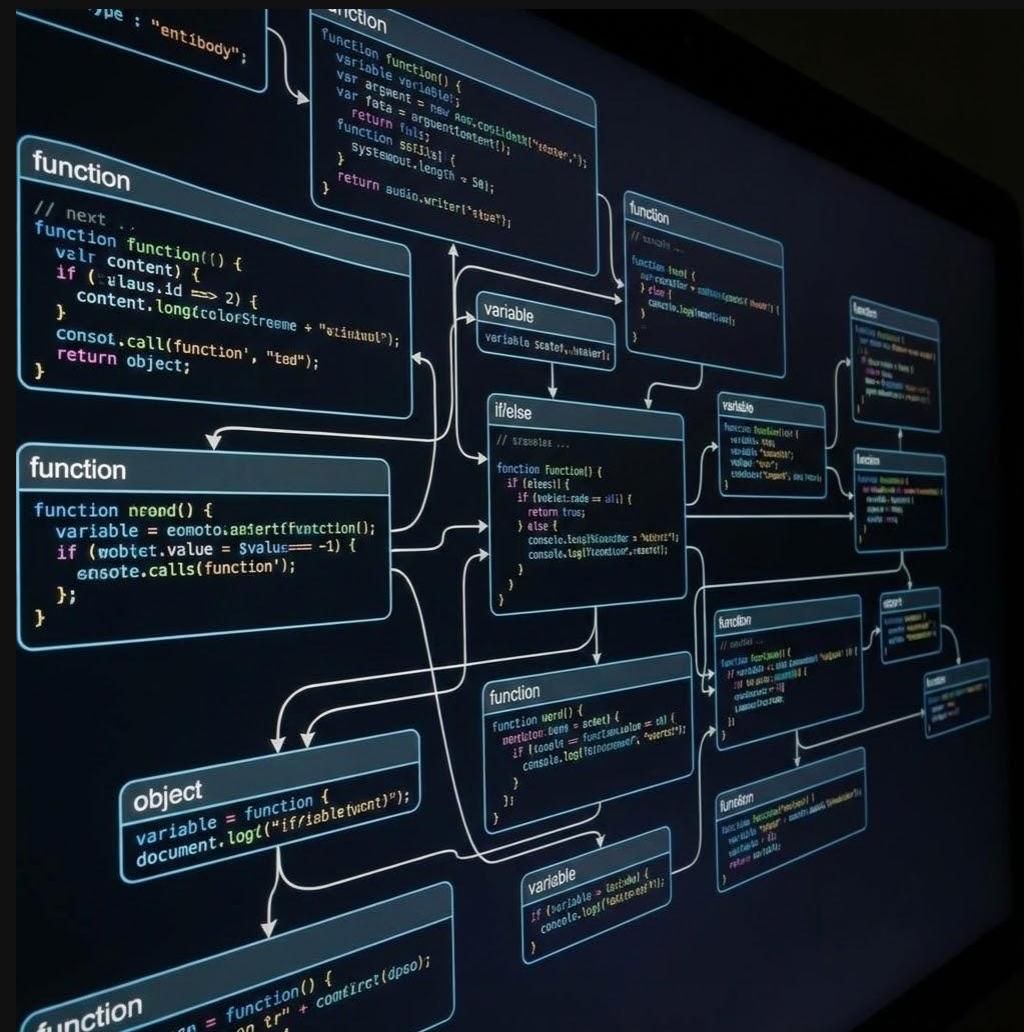
# 1. JAVASCRIPT / TYPESCRIPT

# THE RULER OF THE WEB

If it runs in a browser, it's JavaScript.

With modern frameworks, it has expanded to cover almost every domain.

-  **Frontend:** React, Vue, Angular
-  **Backend:** Node.js, Deno
-  **Mobile:** React Native, Ionic
-  **Desktop:** Electron (VS Code, Discord)



## 2. PYTHON

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### THE BRAIN OF AI

Python's simplicity and massive library ecosystem make it the undisputed king of data science and artificial intelligence.

 **AI/ML:** PyTorch, TensorFlow, Scikit-learn

 **Data Science:** Pandas, NumPy

 **Web Backend:** Django, FastAPI

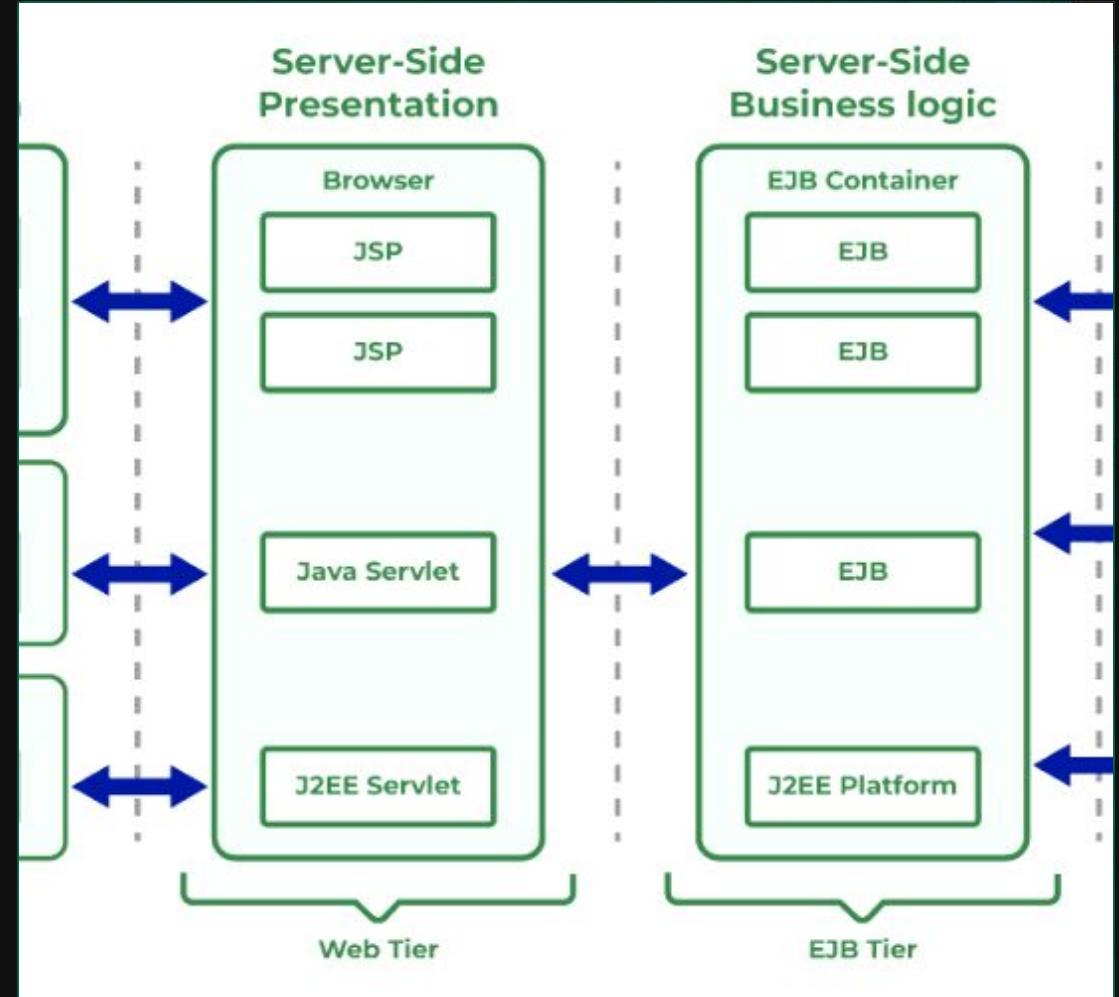
 **Automation:** Scripts, Bots, Testing

# 3. JAVA

## THE ENTERPRISE ENGINE

"Write Once, Run Anywhere." Java powers the world's largest banking systems, android apps, and big data infrastructure.

- **Enterprise:** Large-scale banking/insurance systems
- **Mobile:** Native Android Development
- **Big Data:** Hadoop, Apache Spark
- **Cloud:** Microservices, Spring Boot



## 4. C# (C-SHARP)

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### THE VERSATILE ALL-ROUNDER

Microsoft's powerhouse language. It excels in game development and corporate environments.

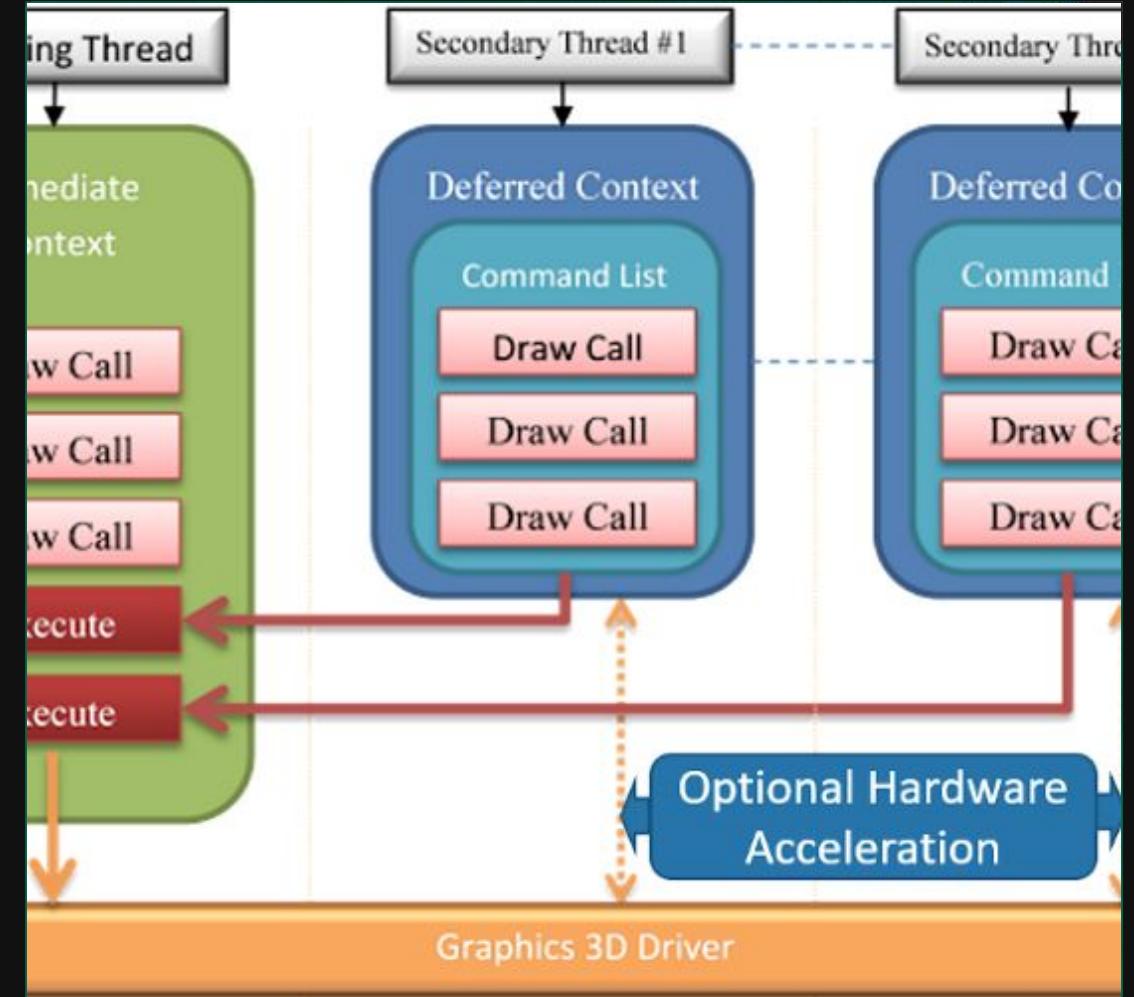
- 🎮 Game Dev: Unity (Most popular engine)
- 💻 Desktop: Windows Apps (.NET)
- 📱 Cross-Platform: .NET MAUI (iOS/Android)
- ☁️ Enterprise: Azure Cloud Services

# 5. C++

## THE PERFORMANCE BEAST

When speed is critical, C++ is the only choice. It runs closer to the hardware than any other modern language.

- ⌚ **Systems:** Operating Systems, Browsers
- 🎮 **AAA Games:** Unreal Engine
- ⚡ **High Frequency:** Trading Systems
- ⌚ **Embedded:** IoT, Robotics



# THE COMPLETE COVERAGE MATRIX

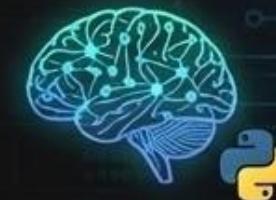
	Web	Mobile	Desktop	AI / Data	Games
JavaScript	★★★★★	★★★★★	★★★★	★★★	★★★
Python	★★★★★	★	★★	★★★★★	★
C#	★★★★★	★★★★★	★★★★★	★★★	★★★★★
Java	★★★★★	★★★★★	★★★★	★★★	★★★
C++	★	★★	★★★★	★★★	★★★★★

# CONCLUSION

While there are nearly **9,000 languages** in existence, mastery of just **these 5** empowers you to build:



Any **Website**  
(JS)



Any **Intelligence System** (Python)



Any **Corporate System** (Java)



Any **Game**  
(C# / C++)

**Focus on the universal tools, not the noise.**

# Q & A

Thank you for your attention.

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