

Coding Notes

API Client Tools

- [Bruno](#) is a Git-integrated, fully offline, and open-source API client
- [Httpie](#) - Alternative to Curl
- [posting](#) - A powerful HTTP client that lives in your terminal.
- [Yaak](#) - The API client for modern developers

Authentication

- [Hanko](#) - The Complete Authentication and User Management Solution for the Passkey
 - GitHub: <https://github.com/teamhanko/hanko>
 - [Hanko: Open-source authentication and user management - Help Net Security](#)
- JWT: Jason Web Token
 - [What Are JSON Web Tokens \(JWT\)?](#)
 - [The JSON Web Token Handbook: Learn to Use JWTs for Web Authentication](#)

Multi-Thread

- [C/C++ ??????????](#)

Code Performance

[Performance comparison: counting words in Python, Go, C++, C, AWK, Forth, and Rust](#)

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Magika

- [Github: Magika](#)
- ??????????????????????Magika
- ?? Python, Javascript (Node.js)
- [Google????????????????????Magika | iThome](#)

Public API

Public API

- [Public APIs — A directory of free and public apis](#)
- [APILayer](#)
 - GitHub: <https://github.com/public-apis/public-apis>
- [Free Public APIs](#)

API Platform

- [Apidog](#)
- [Postman](#)
- [Swagger UI](#)
- [19 Best Postman Alternatives in 2024 \(Including Open Source\) \(apidog.com\)](#)
- [What is Swagger API? A Complete Guide for Beginners \(apidog.com\)](#)
- [How to Make API Documentation Easily: Guide & 6 Tips for Beginners](#)

IPinfo

- <https://ipinfo.io/>
- [\[????????\] IPINFO?????IP?? ??API????????IP??? – ???](#)

API Testing

10 Types of API Testing

Smoke Testing		Quick verification of the core functionalities of an API
Functional Testing		Test functional requirements and analyze responses
Integration Testing		Verifies different components of an application connected via APIs
Regression Testing		Test whether changes don't break existing behaviors of APIs
Load Testing		Test for the application's capacity by simulating load
Stress Testing		Deliberately create high loads to test API functionality
Security Testing		Test for possible external threats to the API
UI Testing		Test the interactions between the UI and the APIs
Fuzz Testing		Identify issues by testing APIs with unexpected input data
Reliability Testing		Test an API's stability and dependability over a period of time

Hello World

Hello World

@knowledgefxg

这个短语在编程领域有着特殊的意义和历史渊源。"Hello World"是几乎所有程序员在学习新编程语言时编写的第一个程序，它的目的是简单地在屏幕上显示"Hello, World!"（或类似的问候语）。



历史渊源

1972年，在贝尔实验室成员布莱恩·柯林汉撰写的内部技术文件《A Tutorial Introduction to the Language B》中首次提到了Hello World这一字符串。当时，他使用B语言撰写了一个用于演示外部变量的示例程序：

```
main( ) {  
    extern a, b, c;  
    putchar(a); putchar(b); putchar(c); putchar('!\n');  
}  
  
a 'hell';  
b 'o, w';  
c 'orld';
```



Hello World 于Windows Vista中的执行结果

这个程序将在终端打印出“hello, world”，然后附上一个换行符。之所以这一短语被拆分成多个变量记录，是因为B语言中的每个字符常量只能容纳四个ASCII字符。

这个传统始于1978年，当时布莱恩·柯林汉和丹尼斯·里奇在介绍C语言的著作《The C Programming Language》中首次使用了这个例子。选择这个短语是因为它：

1. 足够简单 - 对初学者来说容易理解和实现
2. 能验证基本语法 - 可以测试程序的基本输出功能是否正常
3. 具有普遍性 - 跨语言、跨文化都能理解
4. 友好亲切 - "Hello World"传达了一种友好的、欢迎的气息

在当代编程中，"Hello World"已经成为一个象征，代表着进入新领域的第一步。它就像是程序员对计算机世界说的第一声"你好"，标志着学习编程旅程的开始。

Hello World



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