

A Crash Course on REST APIs



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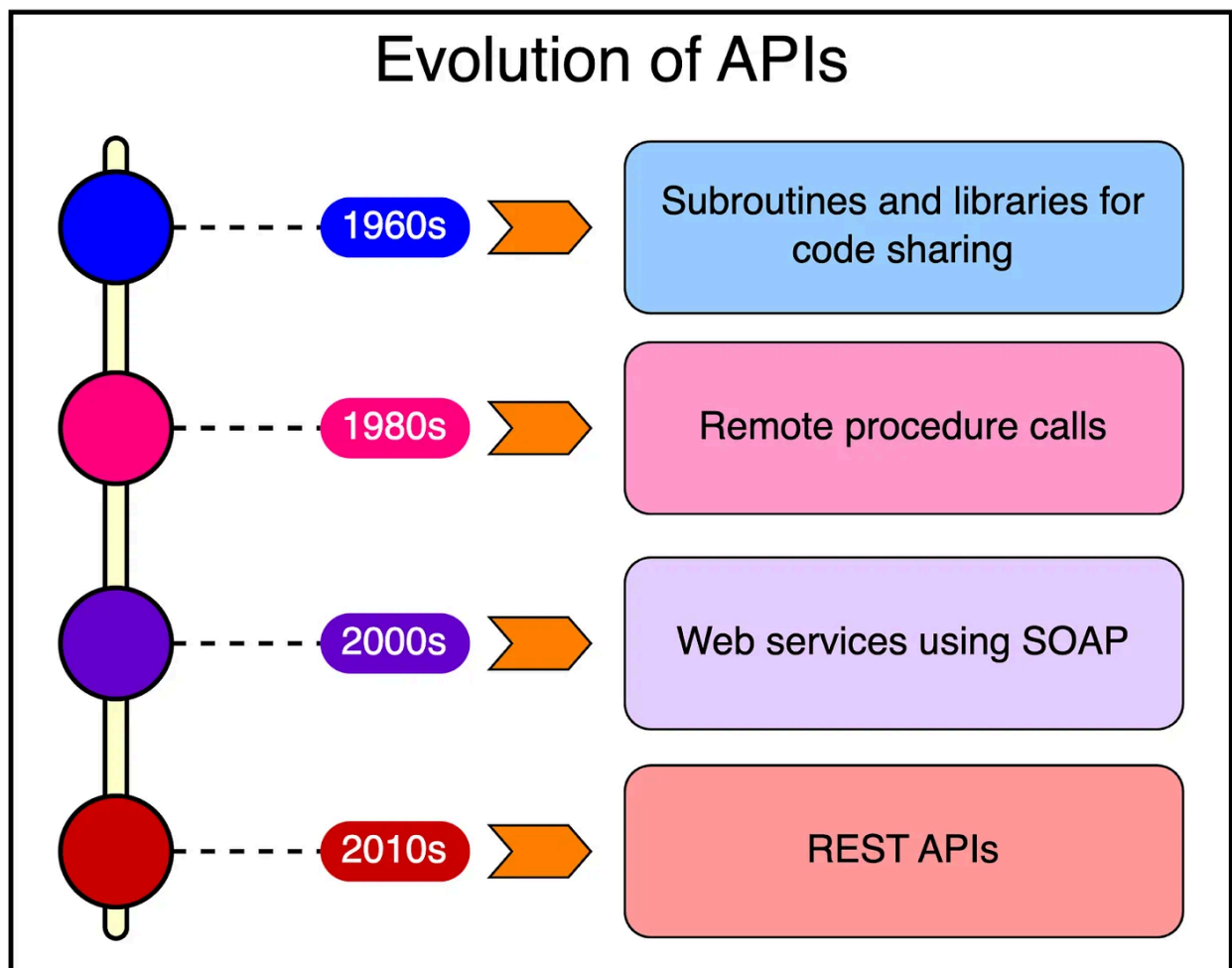
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Application Programming Interfaces (APIs) are the backbone of software communication.

In the acronym API, the word “Application” refers to software that performs a distinct function. An “Interface” is a contract between two applications that defines a set of rules, protocols, and methods for communication. “Programming” makes all of this possible.

APIs have been around for a long time in one form or the other:

- In the 60s and 70s, we had subroutines and libraries to share code and functionality between programs.
- In the 1980s, Remote Procedure Calls (RPC) emerged, allowing programs running on different computers to execute procedures on each other.
- With the widespread adoption of the Internet in the 2000s, web services such as SOAP became widely adopted.
- The late 2000s and early 2010s marked the rise of RESTful APIs, which have since become the dominant approach due to their simplicity and scalability.



In recent years, the API-first approach to software development has gained significant traction, driven by the emphasis on building loosely coupled services. REST APIs, in particular, have emerged as the go-to choice for developers worldwide.

In this post, we will explore the world of REST APIs and cover basic to advanced concepts.

Introduction to REST APIs

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