



API TESTING TOOLS

WHAT TO EXPECT



1 Tools we will be covering

2 what is curl

3 curl vs others

We will be covering

Intro

curl://



SoapUI

Supported by SMARTBEAR

*Space
for
future*

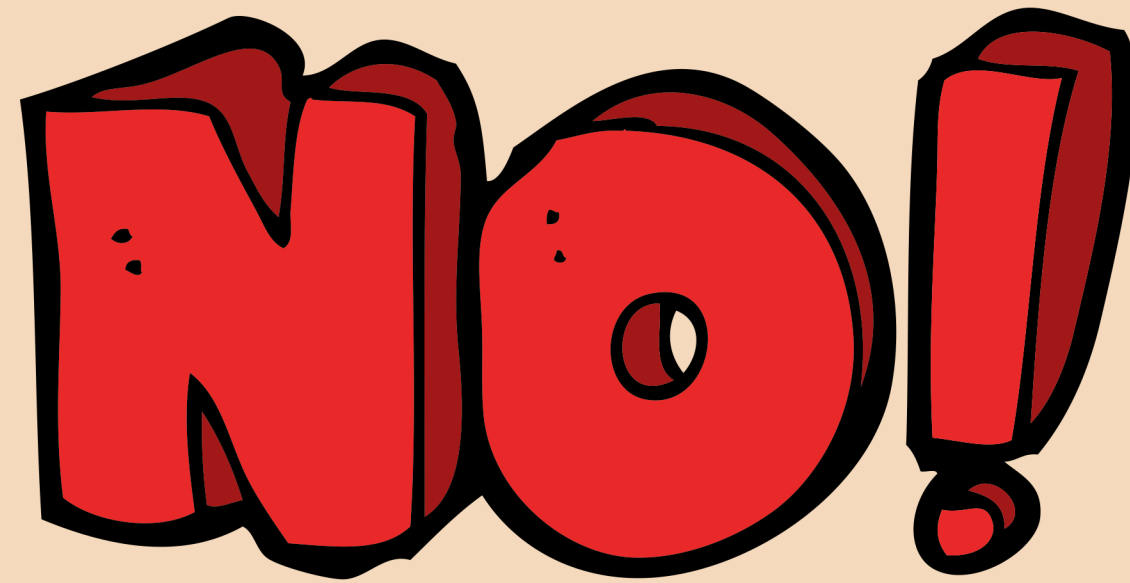
What is curl ?

curl is used in command lines or scripts to transfer data. curl is also used in cars, television sets, routers, printers, audio equipment, mobile phones, tablets, medical devices, settop boxes, computer games, media players and is the Internet transfer engine for thousands of software applications in over twenty billion installations.

curl is used daily by virtually every Internet-using human on the globe.

<https://curl.se/>

Is curl a testing tool ?

A large, stylized red 'NO!' with a thick black outline and a 3D effect. The letters are bold and blocky, with a slight shadow on the right side of each letter, giving it a three-dimensional appearance. The exclamation mark is also large and red, with a black outline.

While it is useful for sending requests and receiving responses, it lacks features essential for comprehensive testing.

Unlike dedicated testing tools, Curl does not offer robust testing capabilities, such as automated test execution, result assertions, and test case management.

Things to know !

	CURL	SoapUI
UseCase	Primarily a command-line tool and library for making HTTP requests.	Specifically designed for testing web services, including SOAP and REST APIs. It provides a graphical user interface for creating, executing, and managing API tests.
Interface	Command-line interface (CLI) with options for sending HTTP requests and viewing responses.	Graphical user interface (GUI) that allows users to create and manage complex API test scenarios with ease.
Testing Capabilities	Limited testing capabilities. While it can be used for basic API interactions, it lacks features for comprehensive testing, such as test case management, automated test execution, and result assertions.	Specifically built for API testing. It supports the creation of test cases, data-driven testing, assertion validations, and execution of test suites.
Ease of Use	Requires users to construct requests manually using the command line, which may be less intuitive for users who prefer a graphical interface.	Offers a user-friendly GUI that allows users to visually create, edit, and execute API tests, making it more accessible for testers and developers.



66

See you in Next Video

