

# prism in software testing

In software testing, "Prism" can refer to several different tools or concepts, most commonly the **Prism open-source HTTP mock server** that emulates APIs from an **OpenAPI specification**, or the **Prism automation platform by To The New** for web, mobile, and API testing. Other less common uses include a **framework for building modular .NET applications** or a **probabilistic model checker**.

## Prism (Open Source API Mock Server)

**What it is:** An open-source HTTP mock server that generates a fake API from an OpenAPI or Swagger specification.

**Purpose:** Allows teams to work in parallel by mocking APIs before they are fully built. It's used for contract testing, validating API requests and responses, and developing front-end applications.

**Features:** Can dynamically generate mock responses, validate requests against the specification, and provide detailed logging.

## Prism (Automation Platform by To The New)

**What it is:** A test automation platform that provides tools for web, mobile, and API testing.

**Purpose:** To provide a comprehensive, end-to-end test automation solution. It uses technologies like Selenium and TestNG to build automated tests.

**Features:** Includes a unified, AI-powered reporting dashboard and offers cross-platform test coverage

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