API Fortress Features & Benefits

Unit testing, UI testing, and functional API testing are not equal. Each has different objectives, and the success of one doesn't guarantee the success of another. Each requires a strategy specific to their needs, and that's where finding the right solution for your API testing needs is critical.

Overview

API Fortress is an API-first platform dedicated to all aspects of API quality. Leverage the platform to build, execute, and automate functional and performance testing. It is a complete test suite built for testers and engineers, with the tools and applications needed to support their preferred workflows.
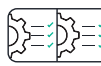
An entire platform within a container, that can be hosted anywhere in your organization's datacenters or cloud. This flexible architecture allows you to integrate an API testing strategy with your existing IT investments.

Remove the silos and eliminate redundancies with a standardized strategy that empowers your existing team members, and increases transparency across the organization.

Key Features

API TESTING PLATFORM:

Functional: Design functional tests in seconds using your preferred method. Either build tests in your own IDE, or generate tests from a spec file or payload with a click in our Web GUI. Reuse assertions, tokens, keys, code snippets, and variables between tests.

End-to-End (Integration): Easily build end-to-end tests that accurately reproduce consumer behavior. The library includes over 70 assertions and components that allow unparalleled intelligence in an API test. Create unfettered tests in your own IDE, or the low-code Web GUI. Write tests without needing to be proficient in any particular programming language.

Load (Stress): Use your existing functional or end-to-end tests as load tests. Setup a load test in under 15 seconds with an intuitive UI. Get detailed reporting with download and latency metrics as consumers ramp up. Accurately assess if APIs respond quickly and correctly under stress that reproduces true consumer behaviors.

Performance and Monitoring: Schedule existing functional tests to act as uptime and performance monitors. By using existing tests you go beyond monitoring uptime, but are monitoring functional uptime of your APIs. Also monitor third-party APIs that you depend on.

Mocking: Shift left and accelerate releases with API mocking. Empower test teams to work in parallel with development teams as APIs are being written. Quickly create mocks by recording API calls, or by using the GUI.

API Fortress Integrations

The API Fortress platform was built API-first. With out-of-the-box integrations, as well as extensive APIs for execution, data, and notification, the platform can seamlessly integrate with any of your existing tools.

CI/CD Platforms:

Jenkins   Visual Studio Team Foundation Server   Bamboo   CI/CD

Version Control Systems (VCS):

GitHub   GitLab   beanstalk   PERFORCE   Azure DevOps   Bitbucket

API Managers:

TIBCO MASHERY   axway   ORACLE   MuleSoft   Azure API Management   IBM API Connect

Test Case Managers:

TRICENTIS qTest   TestRail   Zephyr

Reporting and Notifications:

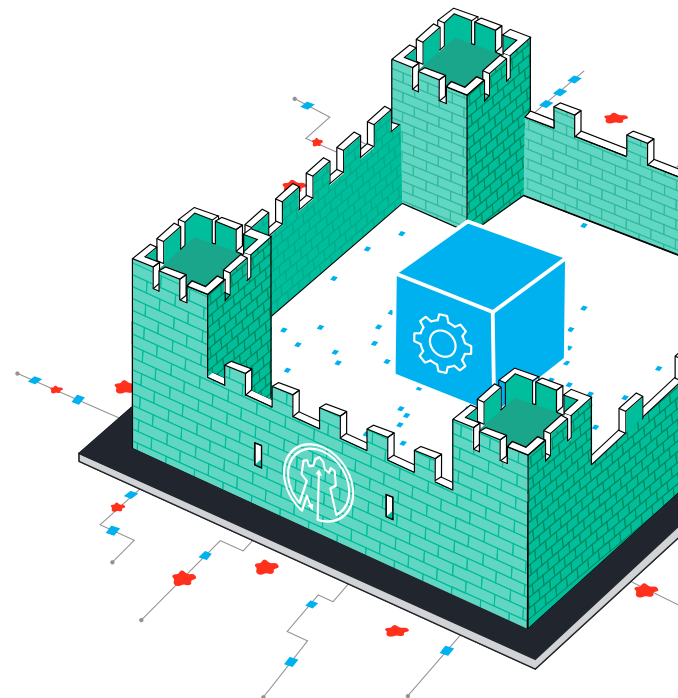Jira Software   slack   kibana   bigpanda

About Us

API Fortress is a continuous testing platform for APIs that helps organizations accelerate releases while decreasing risk. Shift left with our automated platform, and unify developers and test engineers on a standardized testing strategy. Integrate with your existing version control and CI/CD platforms to streamline workflows.

Learn how enterprises are transforming their API programs with continuous testing at **www.apifortress.com.**

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