APIFORTRESS

The Developer Flow

API Fortress is the most complete API testing platform on the market. The platform can run from the cloud, or on-premises for complete data security. As a platform rather than a single program, API Fortress frees developers, QAs, and automation engineers to configure the suite to their use cases and workflows.

In addition to our centralized web-based platform, we have introduced a number of new features specifically designed to enhance our test development flexibility. With our new developer tooling software teams can use their existing platforms and processes, with minimal changes and maximum interconnectivity.

TEST CREATION

A test can be developed in our dashboard, or leveraging our new utilities. Build a test from a specification file, payload, or from scratch; either on the web UI-driven interface or your own IDE with our simple XML language.

LOCALHOST RUN

When tests are created against new code, you want to make sure the tests work as expected. Our APIF-Local command-line program lives on your computer and allows you to execute the tests you're working on against any environment you wish to validate, including localhost.

VERSIONING

Let your API Fortress tests live alongside your application code, and version them with your favorite VCS in a similar fashion to your unit tests.

BACK TO THE FORTRESS

After committing and pushing your tests to your repository together with your application code, API Fortress tests will find their way back home. How this happens is flexible to your needs.

By configuring the APIF-auto command-line utility, you can, for example, push the tests back to API Fortress platform when:

› Tests get pushed to the GIT repository
› A CI/CD pipeline promotes the code to a new environment
› The workflow requires it
› On demand

By leveraging a centralized, always up-to-date test executor with historical data, monitoring, and notification capabilities, you can maintain a single source of truth for your API health.
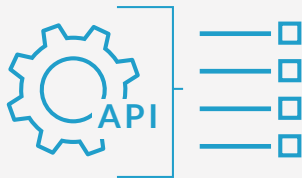
EXECUTE THE TESTS

Another capability of the APIF-auto utility involves requesting a test execution to the platform, which can be extremely useful during code promotions in a CI/CD pipeline. It also allows you to consolidate the development flow.
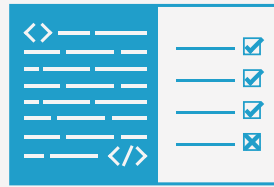
THE FLOW: SUMMARIZED

Altogether, these new features paint an exciting picture of how enterprises can get more from API Fortress. An optimal developer workflow would resemble the following:
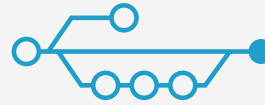
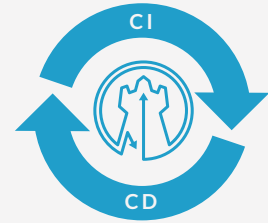**The Developer/Automation Engineer Flow**

The developer writes the API, while the also writing API tests.

The developer executes the tests locally using the APIF command-line programs.

The developer commits the API code and the test, in the VCS of their choice.

On builds & code promotions the test are pulled from your Git, sent to the APIF platform, and executed automatically.

CONCLUSION

One of the main goals of API Fortress has been to enable almost anyone in an organization to write and understand API tests. The Developer Flow empowers developers to adapt the API Fortress platform so that powerful API tests can be incorporated into existing workflows without unnecessary complexity, resulting in an efficient and consolidated model.

Ultimately, with the Developer Flow, developers and QA leaders can enable better adoption, organization, and customizability without impacting the original simplicity of the platform. The Developer Flow coexists seamlessly with the classic web-oriented API Fortress flow, allowing developers, QAs, and operations to work in sync.

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