What's new in Peach Platform v4.2 (2016 Q3)

This is our third release of 2016. This release focuses on adding Web API testing capabilities. If you are interested in using a new feature that has been added to an existing license, re-download Peach Fuzzer by visiting https://dl.peachfuzzer.com.

Peach FuzzFlex Licensing Model

Peach Fuzzer's FuzzFlex solution allows organizations to scale Peach Fuzzer to meet their needs and budget. FuzzFlex users experience the full power of the platform: unlimited concurrencies, access to a library of over 100 off-the-shelf Peach Pits, developer access to support custom protocols. FuzzFlex users purchase test cases in batches of 100k. Each test case that Peach executes is considered one 'use' of the Peach license against the total number of test cases purchased.

Please contact sales@peachfuzzer.com for more information about this new licensing model.

Peach Download Site

A new download site has been deployed that supports both our existing licensing system for Professional and Enterprise users as well as our new FuzzFlex licensing system. The new download site improves the download speed and responsiveness of the site.

Professional/Enterprise

Descriptions of new features and improvements for Professional and Enterprise follow:

Web Proxy

A new method for web API testing has been added into Peach in the form of a man in the middle proxy. HTTP traffic is sent through the proxy where it is fuzzed and forwarded to a target service. This feature is geared for tight integration into development CI systems.

Note: The Web Proxy feature is being licensed as a separate feature. Please contact sales@peachfuzzer.com for more information.

JUnit 4 Integration for Web Proxy

JUnit 4 integration extension for use with Peach. This enables using existing JUnit 4 test automation in conjunction with the Peach Web Proxy feature. See the User Guide for more information.

Python pytest Integration for Web Proxy

pytest integration plugin for use with Peach. This enables using existing pytest automation in conjunction with the Peach Web feature.

Peach Proxy Python Module

This module wraps the new Peach Web Proxy API. It's main use is to allow developers to create traffic generators for the Peach Web Proxy feature.

Web Action

A new action 'web' has been added in this release allowing for much easier modeling of web api requests. This action can only be used with the new WebApi publishers.

WebApi Publisher

A new publisher has been added that supports the new 'web' action type.

Updated Swagger Analyzer

The Swagger analyzer has been updated to generate web actions.

Updated Postman Analyzer

The Postman analyzer has been updated to generate web actions.

Updated WindowsDebugger Monitor

The WindowsDebugger monitor has been updated with new options to ignore first chance read A/V exceptions. This facilitates easier usage with targets that host the JVM.

Scripts Folder

A new top level folder Scripts has been added that contains global python modules. A new peach.webproxy module has been added to enable scripting extensions for the web proxy feature.