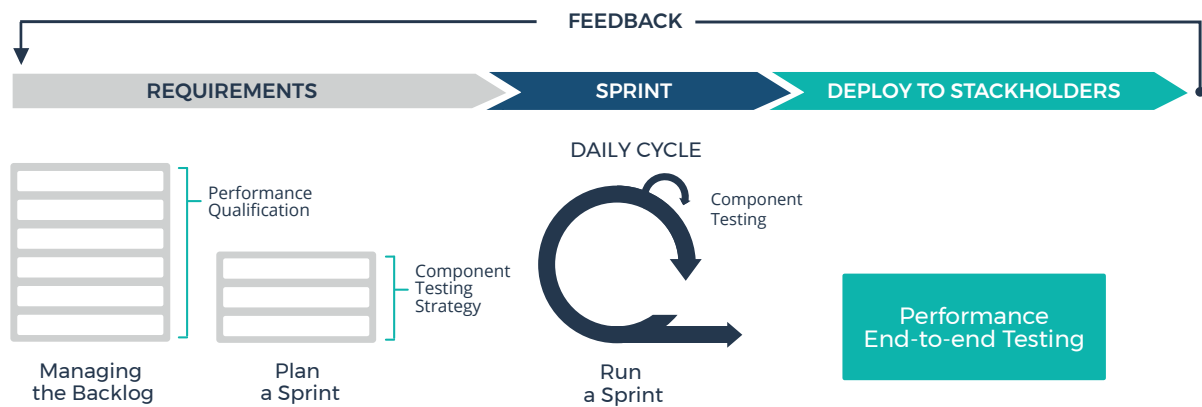


NEOTYS AND PARASOFT ENABLE “SHIFT LEFT” LOAD & PERFORMANCE TESTING

In Agile and DevOps environments performance tests start at the early stages of a sprint, at the component level. But testing each component separately is challenging because dependencies are not taken into account. Parasoft Service Virtualization combined with NeoLoad for load testing makes it possible to realistically test components while emulating the behavior of other components in heterogeneous component-based applications.



WHY NEOLOAD?

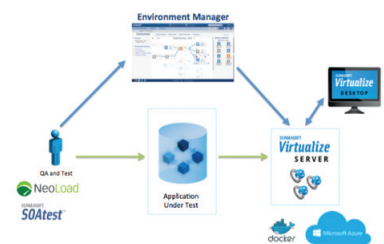
The NeoLoad performance testing platform is designed to help today’s performance engineers and developers save time. With advanced capabilities such as automatic script maintenance, Selenium conversion, and one-click dashboard accessibility (where shared metrics are displayed in Dynatrace), organizations are now able to fully automate, provide visibility, and easily share with key stakeholders across Dev, QA and Ops.



Scale Load Test on-premises, or from the cloud

WHY PARASOFT?

Parasoft is a leader in API testing and Service Virtualization, helping enterprises to test applications with many integrations. Through simulation of dependent services, Parasoft Virtualize helps QA-teams to accelerate testing by mimicking the behavior of downstream services.



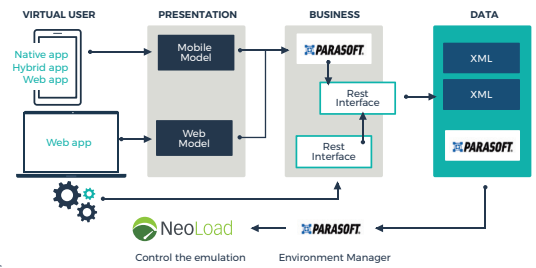
THE IMPORTANCE OF THE COMBINED SOLUTION

Neotys and Parasoft join forces to position a complete performance testing solution that is perfectly suited for complex applications. Using Parasoft will help to easily automate performance testing in an early stage by simulating the missing component of the architecture.

By adding Parasoft Virtualize, a performance test engineer can make his load-testing environment complete with adding virtualized services to the system-landscape, also in early development phases. Moreover, Parasoft technology makes it possible to change the conditions of on how the virtual services behave with the help of Environment Manager. In addition to a pure simulation, Parasoft Virtualize can also simulate conditions that are hard to create in the real world, such as slow response times, errors or other outliers.

Parasoft and Neotys integration will allow the performance engineer to:

- Control the constraints of the simulation during a test
- Measure the behavior of the application under strong latency
- Report the context of the emulation within the performance testing report



CONTINUOUS TESTING IN DISTRIBUTED WORLD

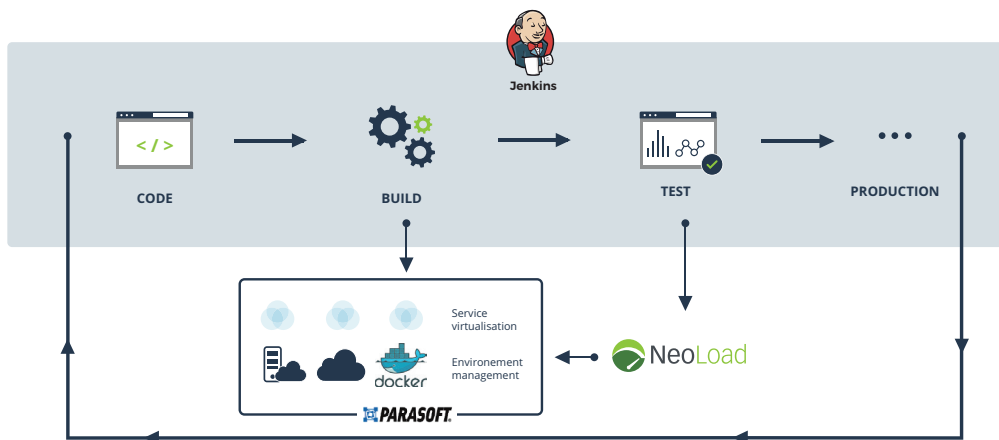
Modern system development introduces applications with many dependencies. Starting with EDI, followed by SOA and more recently the introduction of micro-services, increased the complexity of the systems architecture. At the same time, the development processes require flexible test-environments to decouple different teams and sprints. This combination turns testing into a nightmare of having to control too many dependencies. Automation is the answer and service virtualization is a key technology to make highly distributed environment more manageable.

EXAMPLE TOOL CHAIN

To support continuous testing, and build & test automation tool like Jenkins. It can be used to orchestrate the required steps in building up a system under tests, make sure it is deployed in an environment where the required downstream services are virtualization, and execute the regression and performance testing activities.

Containers, Docker and Cloud

In the process of setting up a CI / CD pipeline, the use of container technology and cloud deployments are common usage. Both Parasoft Virtualize and NeoLoad solutions are completely container ready, including cloud based deployments in Azure and AWS.



About Parasoft

Parasoft's tools support the entire software development process, from when the developer writes the first line of code all the way through unit and functional testing, to performance and security testing, leveraging simulated test environments along the way. Parasoft's unique analytics platform aggregates data from across all testing practices, providing insights up and down the testing pyramid to enable organizations to succeed in today's most strategic development initiatives, including Agile/DevOps, Continuous Testing, and the complexities of IoT.

About Neotys

Neotys is a leading innovator in load testing & performance testing for Web and Mobile applications. It has 12 years of development investment into NeoLoad – the performance testing platform designed to accelerate Agile and DevOps processes. Built by engineers who recognized that in order to achieve their own Agile adoption objective, they needed to create a product that could facilitate superior load and performance testing continuously. The end result – up to 10x faster test creation and maintenance with NeoLoad.

Contact for More Info:

US: Tel: +1 781 899 7200
 EMEA: Tel: +33 442 180 830
 Email: sales@neotys.com
 Learn More: www.neotys.com