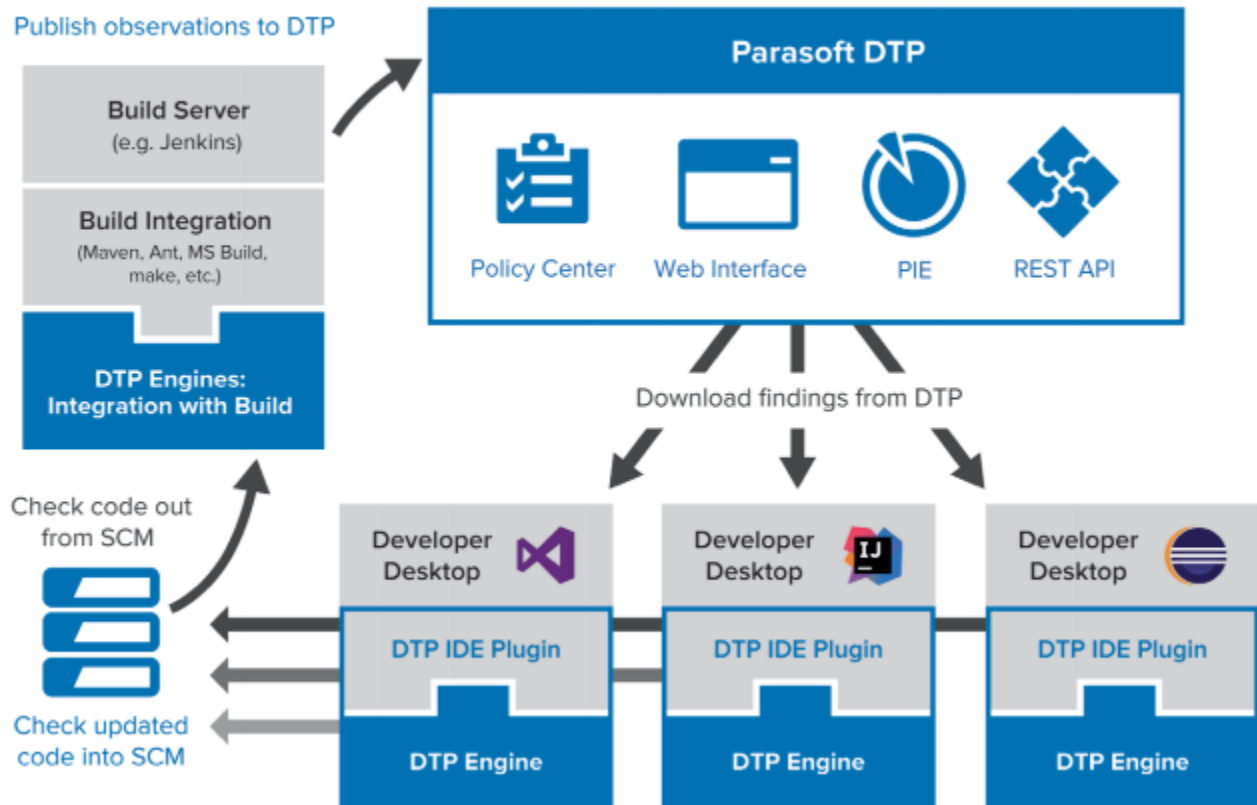


# DTP Engines - Parasoft Jtest Desktop

## About Parasoft Jtest

Parasoft Jtest is an integrated development testing solution designed to help Java developers improve software quality. By assisting in the process of validating Java code and applications, it helps you prevent errors, detect errors more effectively, and increase development team productivity.

Jtest is available as the DTP Engine that can be integrated with your build tools (Maven, Ant, or Gradle) and continuous integration infrastructure. These integrations allow you to automate a broad range of coding best practices, generate analysis reports and automatically send information to Parasoft DTP. DTP can analyze aggregated data and convert it into actionable findings that can assist you in the process of code improvement. Jtest DTP Engine can also monitor and collect coverage data during unit test execution or functional tests performed on a running application. Coverage information and unit test results are sent to DTP and help you assess the quality of your tests and Java applications. Contact Parasoft Support for more information about DTP.



Parasoft Jtest ships with DTP Plugins for Eclipse, IntelliJ IDEA and NetBeans that enable you to integrate Jtest into your IDE. This allows you to leverage the capabilities of the DTP Engine within your development desktop, import findings from DTP into the IDE, as well as utilize additional capabilities available for Jtest Desktop, such as creation of unit testing artifacts.

### Parasoft Jtest Desktop facilitates:

<b>STATIC ANALYSIS</b>	<ul style="list-style-type: none"> <li>• pattern-based analysis</li> <li>• flow-based analysis</li> <li>• code duplication analysis</li> <li>• metrics analysis</li> <li>• continuous static analysis</li> </ul>
<b>UNIT TESTING</b>	<ul style="list-style-type: none"> <li>• creating unit tests with Unit Test Assistant</li> <li>• evaluating tests cases</li> <li>• improving test quality</li> </ul>

## COVERAGE ANALYSIS

- unit testing coverage
- Java application coverage

This documentation provides information on how to work with Parasoft Jtest from your development desktop.

Learn more about [Jtest DTP Engine](#).