Parasoft DTP Engines

<h1 style="text-align: center;" id="ParasoftDTPEngines-AboutParasoftC/C++test">About Parasoft C/C++test</h1>

 Parasoft C/C++test is an integrated development testing solution designed to help C and C++ developers improve software quality. By assisting in the process of validating C/C++ code and applications, it helps you prevent errors, detect errors more effectively, and increase development team productivity. C/C++test is available as the DTP Engine that can be integrated with your build tools 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. C/C++test 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 applications. Contact Parasoft Support for more information about DTP. See Automation User Guide for information how to useC/C++test in the command line. Parasoft C/C++test ships with DTP Plugins for Eclipse and Visual Studio that enable you to integrate C/C++test into your IDE. This allows you to leverage several capabilities of the DTP Engine within your development desktop and import findings from DTP into the IDE. See Desktop User Guide for information how to use C/C++test on your desktop. <h2 style="text-align: center;" id="ParasoftDTPEngines-SafetyRelatedSoftwareDevelopmentwithC++test">Safety Related Software Development with C++test </h2> C++test has been certified by TÜV SÜD to be qualified for safety-related software development:
The verification tool fulfills the requirements for support tools according to IEC 61508-3. The tool is qualified to be used in safety-related software development according to IEC 61508 and ISO 26262. <img class="confluence-embedded-image confluence-thumbnail" height="250" src="/download/thumbnails/27506878/Functional_S.jpg?version=1&modificationDate=1513620023459&api=v2" data-image-src="/download/attachments/27506878/Functional_S.jpg?version=1&modificationDate=1513620023459&api=v2" data-unresolved-comment-count="0" data-linked-resource-id="27506879" data-linked-resource-version="1" data-linked-resource-type="attachment" data-linked-resource-default-alias="Functional_S.jpg" data-base-url="https://docs.parasoft.com" data-linked-resource-content-type="image/jpeg" data-linked-resource-container-id="27506878" data-linked-resource-container-version="9"> See Using C++test on Safety-Related Software for details.

   </body> </html>