

Automation Testing Tools

TCS Mastercraft

TCS MasterCraft is a brand of IT Process Automation and Management software tools from Tata Consultancy Services Limited. The brand contains a suite of products that help project delivery teams to optimize their services.

<https://mastercraft.tcs.com/EditionImages>

ALM, UFT, Selenium

HP **ALM** (Application Life Cycle Management) is a web based **tool** that helps organizations to manage the application lifecycle right from project planning, requirements gathering, until **Testing** & deployment, which otherwise is a time-consuming task.

HP QTP is used for GUI based functional and regression automated testing. There is another tool by HP called Service Test which is used for API testing. With the launch of version 11.5, HP decided to combine both the tools – QTP and Service Test – and named the combination as Unified Functional Testing aka UFT.

HPE **Unified Functional Testing (UFT)** software, formerly known as HP QuickTest Professional (**QTP**), provides functional and regression **test** automation for software applications and environments. HPE **Unified Functional Testing** can be used for enterprise quality assurance.

Selenium is a set of different software tools each with a different approach to supporting test automation. Most Selenium QA Engineers focus on the one or two tools that most meet the needs of their project, however learning all the tools will give you many different options for approaching different test automation problems. The entire suite of tools results in a rich set of testing functions specifically geared to the needs of testing of web applications of all types. These operations are highly flexible, allowing many options for locating UI elements and comparing expected test results against actual application behavior. One of Selenium's key features is the support for executing one's tests on multiple browser platforms.

https://www.seleniumhq.org/docs/01_introducing_selenium.jsp