Common Used Software Testing Tools

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There are numerous tools available in the market to aid software testers in various aspects of their work. Here are some commonly used tools in software testing

Test Management Tools:
- ❖ JIRA
- ❖ TestRail
- ❖ qTest
- ❖ Zephyr
- ❖ HP ALM (Application Lifecycle Management)
- ❖ TestLink

Test Automation Tools:

- ❖ Selenium WebDriver
- ❖ Appium
- ❖ Katalon Studio
- ❖ TestComplete
- ❖ HP UFT (Unified Functional Testing)
- ❖ Ranorex

Performance Testing Tools:

- ❖ Apache JMeter
- ❖ LoadRunner
- ❖ Gatling
- ❖ BlazeMeter
- ❖ Apache Benchmark (AB)

API Testing Tools:

- ❖ Postman
- ❖ SoapUI
- ❖ RestAssured
- ❖ JMeter (for API load testing)
- ❖ Karate DSL

Security Testing Tools:

- ❖ OWASP ZAP
- ❖ Burp Suite
- ❖ Nessus
- ❖ Acunetix
- ❖ Qualys

Code Analysis and Review Tools:

❖ SonarQube
❖ FindBugs
❖ PMD
❖ ESLint (for JavaScript)

Test Data Management Tools:

❖ SQL Data Generator
❖ Mockaroo
❖ Data Factory (Azure)
❖ Informatica Test Data Management

Continuous Integration/Continuous Delivery (CI/CD) Tools:

❖ Jenkins
❖ Bamboo
❖ CircleCI
❖ Travis CI
❖ GitLab CI/CD

Defect Tracking Tools:

❖ JIRA
❖ Bugzilla
❖ Mantis
❖ Redmine
❖ Trello

Virtualization Tools:

❖ Docker
❖ Vagrant
❖ VirtualBox
❖ VMware Workstation

Test Environment Management Tools:

❖ Chef
❖ Puppet
❖ Ansible
❖ Docker Compose

Collaboration and Communication Tools:

- ❖ Slack
- ❖ Microsoft Teams
- ❖ Confluence
- ❖ Trello
- ❖ Asana

These are just some examples, and there are many other tools available in the market catering to specific testing requirements….