

# Why and when do we use test automation?

Test automation can be typically used as a tool for incremental development of a system. In this case, the testing technique is regression testing, used to verify that old functionality works with the added functionality. Using test automation this way can eliminate human error from the repetitive chores. However, test automation cannot be used to discover new errors, and it is not be able to perform well in complex systems where there is a lot of interaction between the components and the output is hard to predict all beforehand, in this case, human testing may be more efficient.