

## Test Automation Cheat Sheet by Masakhane via cheatography.com/131228/cs/41453/

TAF and Factors	
TAF	Factors
Documented	SUT interface
Troubleshoot	Intrusion-changes from SUT
Traceable	Third party
Restore SUT	Architecture
Code interface change,context and data	Size and complexity

Disadvantages and Limits	
Disadv- antages	Limits
Tech	No replace exploratory Testing
Investment	Machine results
Skills	Not all tests
Distract Testing	
Additional costs	
Complex testing	

Implement Regression and transition	
Implement	Transition
Execution time availability	
shared data and overlap	Correct data
Dependency	clear scope
Coverage	Reporting
Frequency	

TAA and Strategy		
TAA	Strategy	
Easy to learn	SUT maintenance & consistency	
Mainte- nance	Cost Benefit ration on new code	
Perfor- mance	Interface and API results	

Perfor-	Interface and API results
mance	
Criteria	

New Feature
Not yet started
Solicit feedback
New object compability
Evaluate need for new test environment

Verify and Ongoing	
Verify	Efficiency - low manual t
reliable and repeatable	Error recovery
Generation of logs	Test type
Tear down and tear up	Pre and post processing
few test per test type	execution
Core:execute,data,lib- raries,config	TAS Feature
	Documentation

criteria	Confirmation test
Compability of tools	Narrow scope
complexity to automate	re-introduction of defects
Mature test process	Impact analysis
Controllability	Once reported can start automation
Sustainability	

## Tool

Tool integration

Interface - vendor future plans

GUI - Pilot project

impact on SUT

Learning curve

access to code



By Masakhane

cheatography.com/masakhane/

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