Test Automation Cheat Sheet

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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 & consis-tency
Mainte-nance	Cost Benefit ration on new code
Perfor-mance	Interface and API results

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

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