

# Keywords are the Key to Good Automation

Dallas/Fort Worth Mercury Interactive  
User Group  
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# Can't talk about QuickTest Pro today

## Mercury QuickTest Pro EULA

You may not...provide externally or to third parties any oral or written communication that describes or summarizes the features, functions or performance characteristics of the Licensed Program and Documentation, or that compares the Licensed Program with any other similar product of Yours or any third party;

# Synonyms for “keyword-driven”

- Action words / Action Based Testing™ (Hans Buwalda)
- Test frameworks (Linda Hayes et al.)
- Third-generation test automation (Ed Kit)
- CSDDT – Control Synchronized Data Driven Testing (Daniel Mosley)
- Test Plan Driven Testing Framework (Keith Zambelich)
- TestFrame Method (Hans Buwalda)
- TestVerb™ technology (TestQuest)
- Variable Capture / Variable Playback (Linda Hayes)

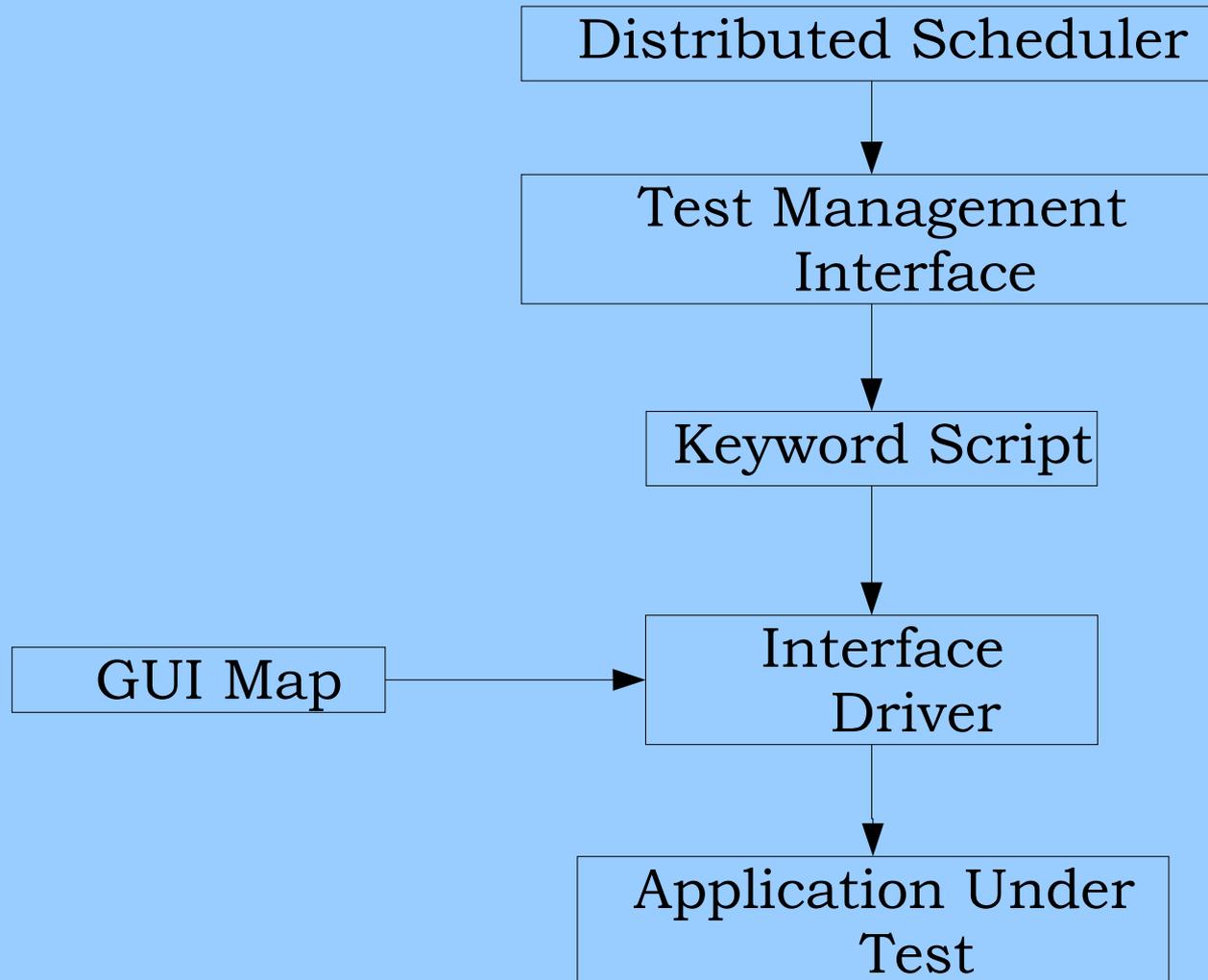
# Tools

- SAFS, open source
- EMOS Framework, open source
- FIT/FitNesse, open source
- Certify, Worksoft
- Unified TestPro, SDT
- TestFrame, LogicaCMG
- TestArchitect, LogiGear
- Tools with built-in keyword support:  
TestQuest Pro, QuickTest Professional

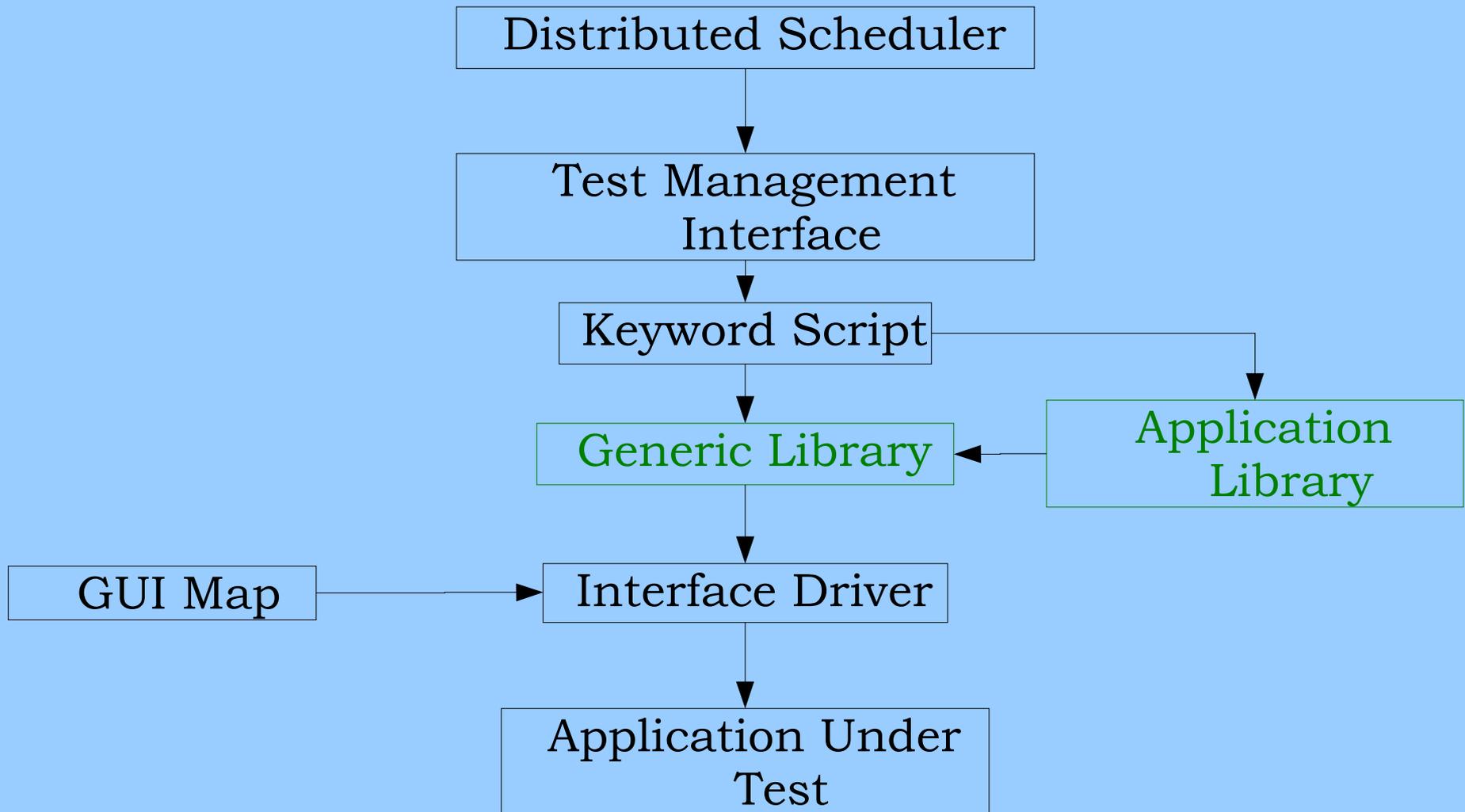
# Two scopes

- “No scripting”  
Promoted by some commercial tool vendors. Keywords reference objects in the GUI map
- Engineered  
Extra layer between the script and the GUI map, some application

# “No Scripting” model



# Engineered Model



# References

- *Just Enough Software Test Automation*, Daniel J. Mosley and Bruce A. Posey, 2002
- *Integrated Test Design and Automation*, Hans Buwalda, Dennis Janssen, Iris Pinkster, 2002
- *Software Test Automation*, Mark Fewster and Dorothy Graham, 1999
- *Automated Testing Handbook*, Linda G. Hayes, 1996