



## ABOUT AXE

**Axe introduces a new breed of tools for automated software testing. It provides a totally table driven Microsoft® Excel interface to automated testing negating the need for traditional scripting techniques.**

Test automation has picked up a poor reputation in the testing industry. It has been proven that capture/replay is not a good foundation for building robust, maintainable test systems. It has also been found that script-based approaches have their own limitations such as the skills required and the maintenance and overheads involved. Often the best testers on a project do not have the technical background necessary to work with automation. Axe provides a means to rapidly deploy automated testing systems that can be used by non-technical staff with the minimum of training.

## AXE FEATURES

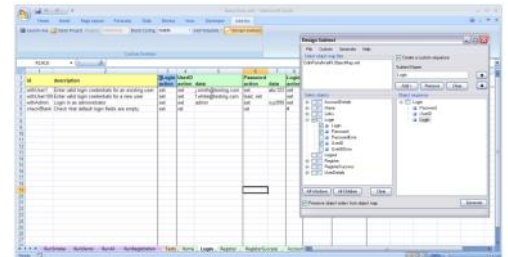
### Technology

- Provides automated test script and documentation generation from simple Microsoft® Excel spreadsheets.
- Based on proven test model for specifying automated tests.
- Built on the robust Microsoft .NET framework platform.
- XML infrastructure provides modularity of components and integration with other utilities/tools.



### Test Definition

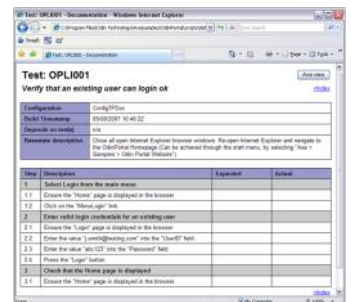
- Tests are defined in Microsoft® Excel spreadsheet format. Familiar to most PC users.
- Simple business focused test specification format, learnt in minutes.
- A supplied VSTO Excel AddIn facilitates creation of tables.
- Modular, re-usable table layout encourages best practices.
- Fully customisable with documented customisation and samples.
- Support for multiple Microsoft® Excel workbooks, re-use of common tables.
- Support for test dependencies is provided.
- Support for external datasources, XML and Microsoft® Excel is built in.
- Support for dynamic data (only known to the system at runtime) is provided.
- Support for error recovery through a proven basestate mechanism is provided.
- Tests can be grouped into sets in run tables for test execution.
- Test definition skills can be re-used independently of the test execution tool.



id	description	Login		UserID	Password	Login	
		action	Action	Data	Action	Data	action
withUser1	Login as user1	set	set	j.smith@testing.com	set	abc123	set

### Script and Documentation Generation

- Test scripts are generated from the Microsoft® Excel spreadsheets for leading commercial and open source UI execution tools and Odin's own SOA test tool.
- Scripts are self documenting, with manual test documentation generated alongside automation scripts for audit, sign-off and debugging.
- Object coverage statistics provided with dynamic HTML view.
- Table format and contents are checked by Axe during the script generation phase, with reports for problem diagnosis.
- Scripts are fully instrumented with error recovery best practices.



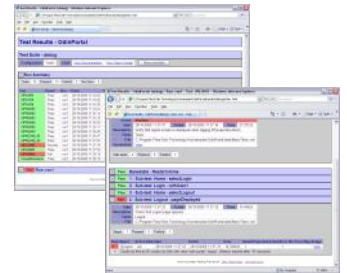
## User Interface

- Fully menu driven Windows user interface provides access to all main functionality of Axe. Including; building scripts, test execution, error diagnosis and reporting.
- Project files provide configuration for all project options, loaded through the UI.
- All information on configurations and test tables is available in pre-populated form in the UI.
- The UI is logically organised by task for managing assets, building and executing scripts.
- A project creation wizard aids building new automated test projects, setting up a basic project structure and assets



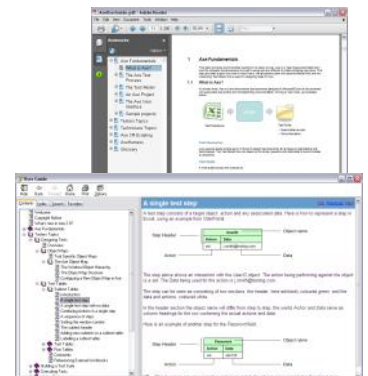
## Execution Reporting

- Axe provides detailed, easy to understand HTML test execution reporting in line with the test tables.
- Results can be Viewed in Microsoft Internet Explorer from any available workstation without the need for proprietary software.
- Summary information is available at a project level, showing history of execution.
- Results from multiple sources and environments can be merged for ease of management.
- JPEG based screen capture is provided for errors and screen verification.
- Axe provides output to supported execution tools logging mechanism for technical diagnosis of errors.
- All reports are XML based, can be customised or imported into other tools and utilities.



## Product Package

- Installation and un-installation using industry standard Windows Installer.
- Intuitive Microsoft HTML Help and PDF files supplied.
- Self contained sample test systems for each supported tool.
- Supplied support libraries for each supported tool.
- Highly commended Email support and online case management tracking.
- Ongoing development program and maintenance releases.
- Full training materials are available and courses can be provided.



## PLATFORM & TOOL SUPPORT

### Supported Products

- HP - WinRunner, QTP, Quality Center
- Compuware - TestPartner, QARun, QADirector
- IBM Rational - Robot, Rational Test Manager
- Borland - SilkTest
- Odin - Axe Harness (SOA Component Testing)
- WatiN (Open Source)
- Axe C# Scripting Framework

### Platform Requirements

#### Operating System:

Microsoft® Windows NT / 2000 / XP / Vista / Server 2003

#### .NET Framework:

v2.0SP1 / v3.5

#### Supporting Software:

Microsoft® Excel 2002/2003/2007

Microsoft® Internet Explorer 6.x / 7.x

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**Odin Technology**  
Automated Software Testing

tel: +44(0) 118 903 6101 email: info@odin.co.uk  
fax: +44(0) 118 903 6100 web: www.odin.co.uk

Atlantic House - Imperial Way  
Reading - RG2 0TD - UK