

ODIN TECHNOLOGY

Odin Technology are industry experts in the design, development and implementation of automated software testing solutions with many years experience in this field. We have a unique blend of software testing and development skills, positioning us as a technology company dedicated to the provision of solutions to testing problems.

TAILORED AUTOMATION SOLUTIONS

We provide only the right combination of niche technical consultancy and tools tailored to each project.

PLANNING & EVALUATION



Feasibility

Is automation right for your project? Everything can be done but is it cost effective? If not, finding out early ensures the right expectations are set.



Best Practice

Applying best practices to development and testing at all levels is proven to reduce implementation and maintenance costs for test automation systems. This also applies to existing automation efforts.



Tool Evaluation

Which tools are right for the job? Odin can assess their suitability for your application environment and identify required customisation. Odin can also assist in obtaining tools through our partnerships with leading tool vendors.

AUTOMATION SOLUTIONS



Axe Framework

Odin's flagship product, Axe, is a unique, Excel based, fully table driven approach to test automation. No scripts and fewer technical skills makes automation easier to implement, execute and maintain. Contact us for more information.



.NET Testing

.NET development projects can provide unique testing opportunities and challenges. Odin can provide a full Axe based automation solution for .NET.



WebServices Testing

WebServices are increasingly a client facing component of software. Odin can provide Test Automation at the WebService level.



Component Testing

From testing Objects, DLLs and application APIs to Database Stored Procedures, Odin can provide harnesses to automate testing of your components.

SOFTWARE DEVELOPMENT FOR TESTING



Test Harnesses

There aren't always tools out there for testing everything, often bespoke test harnesses are required to facilitate both automated and manual testing.



Tool Customisation

Not all test automation tools are perfect, often they require customisation to support the testing of certain application components. Odin can assess and provide solutions for most situations.

DELIVERY



Training

Odin can deliver a variety of automated testing training programs to meet the specific needs of your project, people and tools.



Support

As your team skill levels grow your support requirements change, Odin provide tailored support for all our solutions.

All software development projects and environments are different. The tasks, processes and skills within a test team are unique to a project with test Automation being about providing a solution that will automate these tasks and processes.

It is of little surprise that deploying automation is often under-estimated and 'out of the box' solutions end up back in their box, giving automation bad press. Cost effectiveness needs to be assessed, appropriate tools need to be evaluated and selected and the risks and technical challenges need to be identified and overcome.

The following are examples of tailored automation solutions provided to Odin Technology clients.

ENGAGEMENT A

A small dynamic company embarking on a development project for an intranet based Web application. The test team had no previous test automation experience but had heard it could be of benefit. The team had business experts but no technicians.

- No tools or experience of automation
- Full .NET development
- Business experts, no technicians

ODIN TECHNOLOGY SOLUTION



Feasibility

Through analysis of the testing processes and environment Odin provided the company with the information they needed to confidently justify investing in test automation.



Tool Evaluation

Using a simple evaluation process to cut through marketing hype, a leading test automation tool was identified as best fit for the application under test. This eliminated the need for bespoke workarounds to cater for an unsuitable test tool.



Axe Framework

With tight deadlines and a non-technical staff, the Axe framework was chosen to accelerate the automation process and allow tests to be built in a familiar Microsoft Excel interface.



Training

A basic one day course provided all the skills required for the business experts to confidently create automated tests using Axe.



Support

Odin's on site and email support gave reassurance and continuity to the team ultimately resulting in self-sufficiency.

By choosing Odin Technology as supplier of test automation services, the team moved from cost justification to realisation of a test automation system.

ENGAGEMENT B

A project team in a large corporation had been given test automation tools by central IT, tried to use them, but were having difficulty realising the benefits. Key application components were based around web services and a custom Web UI. The team had a member with some development experience.

- Already invested in tools
- Limited success
- A technician but no automation experience

ODIN TECHNOLOGY SOLUTION



Tool Customisation

The tool provided was suitable for interaction with most of the application, but developers had created custom tree-view controls that the tool did not recognise. Support was written for the tool so it could interact with the custom controls. With a library of functions built by Odin to provide support, the test automation tool could be used effectively to create automated scripts.



Test Harnesses

Fundamental business processes required interaction with WebServices. Odin provided a test harness to enable table driven test automation through the WebService components.



Axe Framework

By allowing testers to build all automated tests in Excel the Axe framework provided consistency across the automation system, from UI to WebServices.



Training

Training was given to the team at two levels; at a test analyst level, training was provided in building test tables to drive the automated testing. At the technician level, the developer was trained in maintaining and supporting the automated test system.

In a simple short term engagement Odin Technology provided the team with the technical expertise and technology required to be self sufficient in using test automation effectively.

WHY ODIN TECHNOLOGY?

- Many years experience of providing automation systems.
- History of successful implementations & Case Studies.
- Unique blend of testing and development skills.
- Experience deploying automation in a wide range of technical environments.
- BCS ISEB Certification.
- Microsoft MCAD Development Certification.
- Tool vendor certification and partnerships.
- Operational experience with all leading toolsets Mercury, Compuware, IBM Rational, Segue etc.

Odin Technology
Automated Software Testing

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