AbeachA Benefits

Adding the reliable and effective AbeachA Ai21 software test automation environment into your test system, versus developing an in-house system, results in a number of measurable benefits.

- The Ai21 will save one year of in-house development time and effort.
- The Ai21 allows employee's time to be focused on specific business goals, not on general tools.
- Ai21 automation provides a minimum level of known product quality.
- Ai21 automation generates an ever increasing level of product quality.
- Ai21 automation provides 24x7 operation with a fixed, known cost.
- Ai21 automation can be used in all phases (engineering, QA, customer support) of product development.
- Ai21 automation allows manual test engineers to be better focused on new functionality testing, and more complex testing such as stress, performance, and system testing.
- Ai21 automation allows business headcount to be smaller and better focused than an equivalent non-automated organization.
- Ai21 automation keeps overall expense lower than an equivalent non-automated environment.
- Ai21 automation provides consistent problem reproduction with repeatable tests.
- Ai21 automation results in overall product cost decreasing over time while profit margins increase.

Installation

As part of the AbeachA package, installation and configuration is included.

Training

Training on Ai21 operation, test case design, and test bed design is available.

Consulting

Consulting on automation issues is available.
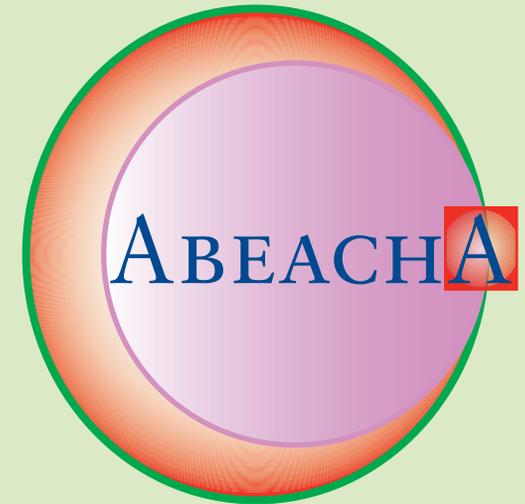
Topics include:

- Evaluation of current test environment.
- Design of automation test environment.
- Test case coding styles.
- Programming language used.
- Libraries/API design.

AbeachA

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Abeacha

Innovation in Automation

Creating effective & efficient software test automation environments

AbeachA Automation

In today's fast paced, worldwide business climate, the ability to bring a high quality product to market in a shorter time period, at a lower internal cost, is absolutely essential for business success.

Software test automation, managed with the AbeachA Ai21 automation environment, provides the foundation for this success:

The AbeachA Ai21 automation environment

❖ Supports any test environment that uses software test cases.
❖ Supports an unlimited number of users.
❖ Supports an unlimited number of test beds.
❖ Supports an unlimited number of test cases.
❖ Supports 3rd party test tools.
❖ Supports simultaneous automation jobs running on multiple, diverse test beds.
❖ Supports custom automation environments for users or test groups.
❖ Supports numerous test failure debugging options.
❖ Provides a relational database for storing past automation job data.
❖ Provides a test case repository to allow easy understanding of a test case's purpose.
❖ Provides an automation test equipment asset management system.
❖ Provides a detailed, but readable, report for each automation job.
❖ Provides test history metrics to easily quantify quality progress.
❖ Supports test cases written in any language.

AbeachA Philosophy

Our business philosophy is, quite simply, to be the best provider of software test automation tools. Unlike other vendors who make you do things their way, or use automation as a Trojan Horse to sell other test equipment and/or software, AbeachA has no hidden agenda.

Our mission is to provide tools that give complete and total control of the software test automation environment to our customers, so that they can create a software test automation system unique and most effective for their business needs.

AbeachA Design

The Ai21 is a standalone software test automation environment consisting of a scheduling program, a test execution program, a report generator, and a database repository. Additionally, a web-based system for manually submitting custom automation jobs is provided

The use of the AbeachA automation environment requires only a minimal level of coupling between user supplied test cases and the Ai21. By keeping this coupling to an absolute minimum, the AbeachA design allows customers to create any type of an automation environment that is most effective and beneficial to them.

The Ai21 considers everything to be a test case. Consequently, by creating unique "test cases" that reflect a specific test environment, the Ai21 can be customized for optimum operation in any test environment. Do what is best for your test environment, not what is best for a vendor's test environment.

AbeachA Reliability

An automation environment must have a higher level of reliability than any other development or test process. If the automation environment fails, or crashes, then it is possible to lose hours, days, or even weeks of testing. Since this is lost time, it can never be recovered.

The AbeachA Ai21 runs under Linux for a reliable, secure, virus-free, 24x7 operation. Day after day after day.

Existing Automation Environments

The AbeachA Ai21 can be easily integrated into an existing test automation environment. The main change is that a test case return code value must be translated into the AbeachA return code standard. Generally, this is a simple exercise.

AbeachA will be happy to evaluate any customer's test environment for issues that might conflict with the AbeachA environment.

AbeachA

The Foundation for Automation Success