Announces 2 Days Training Program
By Mr. **Nageswara Rao Pusuluri**

Automated Software Testing (AST) using Perl

Day One (8 hours)

Perl Basics

Automated Software testing using Scripting Languages
Introduction to Perl
Scalar variables and operators
Control structures in Perl
Lists and Arrays
Hashes and References
Perl Functions and Subroutines
Working with Regular Expressions
Advanced Perl

Working with Files
Working with Databases
Perl OOProgramming
Working with Modules and Packages
Beginning Automated Software Testing using Perl

Day Two (8 hours)

Automated Software Testing (AST) using Perl

CLI applications Testing using Perl
GUI Test Automation using Perl
Web Test automation using Perl

Exercises

About an example Portal
User Module – Functional Test Automation
Admin Module – Functional Test Automation
Introduction to NFT like Storage Testing, Compatibility Testing , Configuration Testing, Performance Testing, and Security Testing
Perl Vs Ruby
Perl Vs Python

Target Audience

Suitable for both apprentice and Experienced Testers.

Must have a sound Knowledge of programming concepts.

Need not have acquaintance with command based test automation using Perl.

Should have the knowledge of functional testing and non-functional testing on CLI. GUI and Web

Training Date

5th & 6th February 2010

Course Fee per participant

Rs 6,500 + 10.3% S. Tax

Trainer Profile

- ❖ Nageswara Rao Pusuluri has 8 years of IT experience, in which around 3 years of experience in Software Testing of Windows based and Web based Applications in an MNC.
- ❖ Around 6 Years of Experience as a Trainer in Software Testing (Manual & Automation)
- ❖ Around 3 years of experience in Test Automation using Win Runner, QTP (8.2 to 10.0 versions), and Scripting Languages like Perl, Ruby, and Python along with TK.
- ❖ Well-versed with all stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- ❖ Experience in Test Environment Setup and Test Infrastructure Development in both Manual and Automation.
- ❖ Good Exposure on Requirements Analyzing and Streamlining and Management.
- ❖ Working knowledge on Java, .Net, PHP, Oracle and SQL Server Technologies based Projects.
- ❖ Good Knowledge in ISO, IEEE and CMM/CMMI level of Standards.

Benefits of PERL usage in AST project

- ➢ Perl like scripting languages are **free** to use and their tools are open-source.
- ➢ Some of the scripting languages come **pre-installed** on your operating system. For example, if you have a recent Linux OS or a recent Mac OS version you already have Perl available as well as Python, Ruby and Tcl. If you have a recent Windows operating system (95 and above), you already have VBScript.
- ➢ The scripting languages generally have a simplified taxonomy within the language itself. In general these languages are **weakly-typed** which means few or no data types in the language. Some, such as VBScript, are much smaller subsets of their compiled counterparts, which leads to the next benefit.
- ➢ The scripting languages are **easy to learn and write (mostly)** because it depends on your background and the maturity of the language you choose. If you're already a moderately experienced programmer any scripting language is really pretty easy to pick up.
- ➢ The Perl is **well-documented** and have **polite IDE's available**. These open-source or low-cost user-friendly IDE's available to make coding easier to learn and less useful documentation for learning them as well.
- ➢ The scripting languages are allowing you to **satisfy difficult requirements** because some test requirements are difficult to satisfy using the vendor test tools. Generally the vendor test tools can't build their tools to satisfy every specific need of every specific application. If you try to get them to upgrade their tool for you, you usually have a very long wait mostly.

The scripting languages **faster from requirement to result** because they can be the fastest option compared to a compiled language when you are ready for AST and don't have a compiled language already installed.

For Registration and More Details, Please Contact
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