SOFTWARE DEVELOPMENT TOOLS

PROFESSIONALS ARE MEASURED BY THE TOOLS THEY USE

Simply stated, Blue Sages believes "computers should be used to test computers and software should be used to test software." These two simple principles produce amazing benefits that are revolutionizing software development.

SUPPORTED ENVIRONMENTS AND TOOLSETS

- **OPERATING SYSTEMS: Windows XP, Windows XP Embedded Standard, Vista, Windows Version 7, Linux (all versions), Embedded µC/OS, µClinux, Many Versions of RTOS commercial or Open Source, Custom built kernels, ThreadX, VxWorks, DSP/BIOS, QNX, pSOS**
- **PROGRAMMING LANGUAGES: C, C++, C#, JAVA, Visual Basic, Perl, PHP, Python,TCL/TK, VB Microsoft .NET Technologies WCF & WPF, Domain Specific Languages (DSL)**
- **DATABASES: SQL, MySQL, postGRES, Access, Oracle**
- **SOURCE CONTROL: AccuRev, SVN, CVS, ClearCase, PVCS Version Manager, Micrsoft Visual Source Safe**
- **ISSUE TRACKING: PVCS, JIRA, PVCS Tracker, Bug Zilla, Clear Quest**
- **REQUIREMENTS MANAGEMENT: Commercial tools including IBM DOORS, IBM Rational Requisite Pro and open source tools including OSRMT**
- **VERIFICATION AND VALIDATION: Commercial tools including IBM Rational Functional TesterLoadrunner and Quick Test Pro and open source tools using PHP, Python, Perl and TCL/TK**
- **CUSTOM PROJECT TRACKING TOOLS: using a variety of tools including PHP, Python, Perl, TCL/TK, MS Project and CONCERTO**

ACCORDING TO INDUSTRY LORE, *Niklaus Wirth, the inventor of the Pascal programming language said* ***"The number of programs that will be written significantly exceeds the number of programs that have been written."***

This tongue-in-cheek observation points out the value of selecting tools for their efficiency rather than compatibility.

BLUE SAGES

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IN 2001, BLUE SAGES DELIVERED ITS FIRST PRODUCT TEST SYSTEM. During the early years of the first decade, software development was moving at a fevered pitch. Startup companies used open source tools to help them get their products to market quickly. These tools became the foundation of a very rich and mature set of solutions. Ease of integration and a wealth of readily available experts made these systems ideal platforms to support automated testing.

These platforms became the foundation of the **Blue Sages Software Development Toolset.** Through multiple generations of innovation, a *best of breed suite of tools* evolved that could support virtually any development project. Because these toolsets were built using open source components, the capability of the toolset naturally increased over time.

The **Blue Sages Test Architecture** separates the testing system from the system being tested. This approach allows our environment to be used for both hardware based test systems and software based test systems. Furthermore, through a number of industry software and hardware standard interfaces the cost of integration also is reduced.

Today, whether validating a detailed functional design or verifying manufacturing correctness, Blue Sages Systems scale to the problem and produce results that connect your product to your bottom-line.

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