

Source Code Control and configuration management

NuControl manages versioning, check-in/check-out, library and configuration control of any ASCII items, on Pick or “pick like” systems. NuControl is non-intrusive and easy to use, complete with a built-in full-screen color editor specifically designed to speed programming tasks.

Manage and control application development in large and small shops. Easily review the status of any project, account, file or item within a file or files, or the work of any or all programmers.

Safe and Secure:

Fail-safe development libraries, are transparently managed by NuControl, separately from application development environments, ensuring the safety and recoverability of application code and configuration details. In many environments, Libraries can be placed on different drives, further ensuring the safety of your code, even in the event of a catastrophic drive failure.

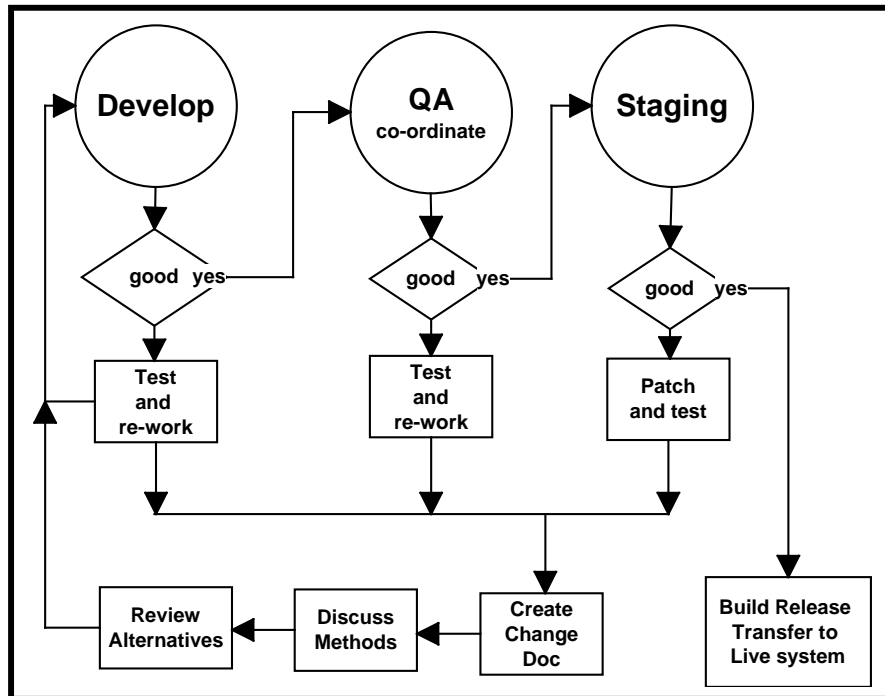
While a program is checked out, and until it is released, only the 'owner' may modify or change it. Release version numbers are automatically generated. Major and minor versions may be specified.

Control any ASCII items:

BASIC program source code, scripts, included segments, PROC's, subroutines, documentation, help, data dictionaries, Java, Java Script, HTML, as well as the numerous control and configuration components that may be normally modified by a programmer... all can be managed under NuControl.

NuControl coordinates the development of complex software systems in environments with one or many programmers, simplifying the management and control of numerous ongoing development projects that may exist across multiple accounts.

Life Cycle management



Full life-cycle application management and promotion controls, assist in managing the development cycle as applications move from Development to Quality Assurance, and then on to staging or production areas.

On-site or remote

On-site local development may include locally developed code as well as configuration detail records. The parts may come from several accounts (environments, databases depending on one's terminology) or from remote sites with multiple remote developers with each having their own code set.

Existing code or new code

Existing code sets can be easily placed under source code control. NuControl enables the definition of component files and elements that may exist in one or multiple accounts. Files may be added or removed from control lists as requirements dictate.

Learning Curves and Integration:

NuControl can be easily integrated into existing development shops. The learning curve is short. A three (3) day training session gives developers and administrators the necessary knowledge to effectively and safely work within the NuControl environment. NuControl does NOT get in the way of the developer.

Numerous API's can be integrated with current application development methodology to perform tasks such as view, checkout, release, compare etc., adding functionality while improving security.

Productivity improvements of 25% or more are not uncommon.

Choice of Editor

NuControl can be used with standard editors including ED, Jet, D3 Update processor, and VI in Unix environments. NuEdit, a full-screen, full-color source-code-editor from Binary Star, adds logic completion, CALL argument completion, search, replace, in-edit formatting, Merge, Print, TCL access, auto compile, auto catalog and more. The Accuterm GUI editor may also be used.

Supporting multiple systems

"Build" or "Release Sets" are created that can be distributed from development to production systems. Automatic processes prevent loading of lower versions without a manual override on distributed systems. Source code libraries are automatically updated during the load of a release, ensuring consistency.

Reporting

Reporting facilities range from simple listings of items currently in modification to more complex reports such as comparing release versions found across multiple projects, or even across different systems.

<input type="checkbox"/> Version control	<input type="checkbox"/> Date and time tracking	<input type="checkbox"/> Problem reporting
<input type="checkbox"/> Release management	<input type="checkbox"/> Source management	<input type="checkbox"/> Quality Assurance
<input type="checkbox"/> Distribution controls	<input type="checkbox"/> Object code deployment	<input type="checkbox"/> Rollback facilities
<input type="checkbox"/> Defect management	<input type="checkbox"/> Feature development	<input type="checkbox"/> Team notifications

<input type="checkbox"/> In-Modification report by account	<input type="checkbox"/> Source release report
<input type="checkbox"/> In-Modification report by user	<input type="checkbox"/> Source version v/s release version
<input type="checkbox"/> Pre-promotion / post promotion analysis	<input type="checkbox"/> Comparisons across hierarchical accounts
<input type="checkbox"/> BEAR – a mechanism for resolving Defects and implementing new features	

Compliance

As the regulatory compliance landscape becomes more complex, the risks associated with non-compliance grow more costly. The real challenge lies not in achieving compliance, but in sustaining compliance, with often inconsistent, manual processes. NuControl can satisfy rigorous source control and configuration management requirements mandated under ISO9000, SOX and similar regulations.

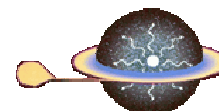
Assistance and Technical Services

Binary Star Technical Services can help resolve compliance issues quickly. On-site training, installation, configuration, testing and development services are available from Binary Star Technical Services Group. Custom Support Services are available 24x7, including holidays.

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