

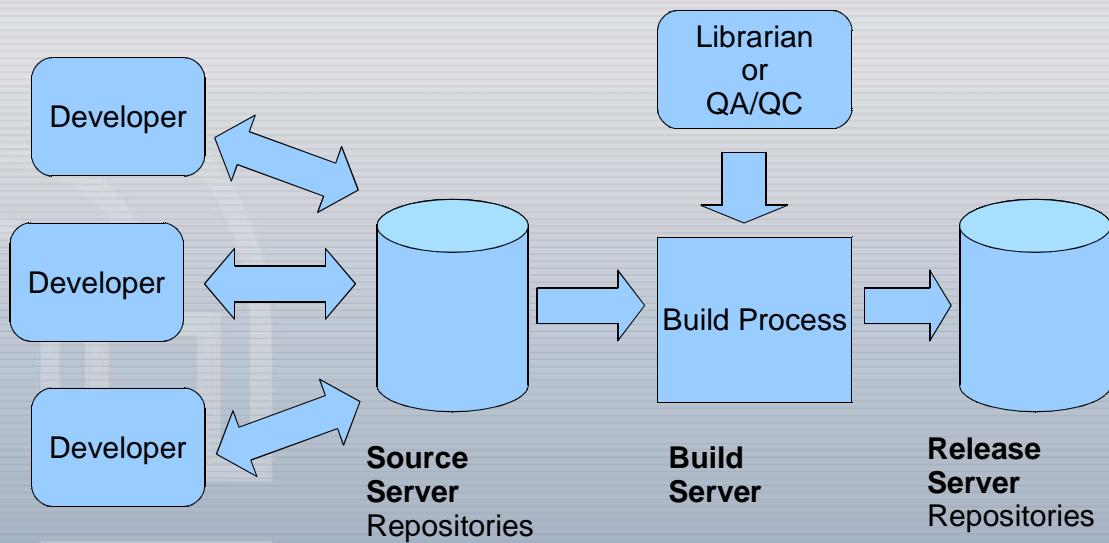
Configuration Management by Thotsapol Aphikulvanich



Topics

- Simple Source code and Release management
- Source Code Management with Subversion
- Environment Management with Virtual Appliances





Simple Source Code and Release Management

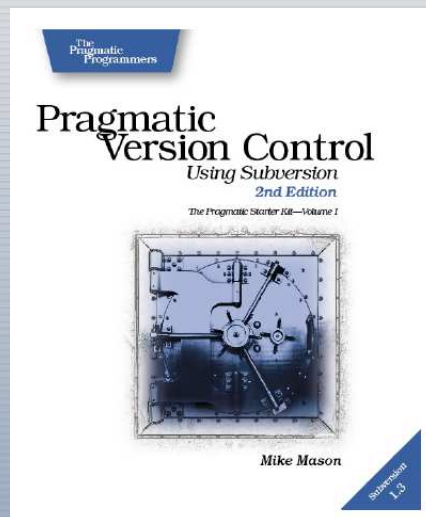
Source code management with Subversion

- What is subversion?
 - Subversion is the open-source source code control system like CVS, SourceSafe, SCCS
- Available platforms
 - Windows, Linux, FreeBSD, etc.
- Windows Version
 - VisualSVN as Subversion server on Windows
 - TortoiseSVN as Subversion client on Windows

Subversion Demo on Windows Version



References



Environment Management with Virtual Appliances

- What is virtual appliances?
- What is virtual machines?
- Available virtual machine softwares
 - VMWare from VMWare, Inc.
 - www.vmware.com
 - VirtualBox from Sun Microsystems, Inc.
 - www.virtualbox.org
 - Parallel Desktops from Parallels, for Mac
 - www.parallels.com
 - Microsoft VirtualPC from Microsoft Corp.



Example uses of Virtual Appliances

- Test environment
 - Preinstalled OS with required software
 - eg. Windows 2003 with service pack
 - eg. Ubuntu 8.04.1 server with mysql installed
- Learning environment
 - Preinstalled softwares sets
 - eg. JasperReports on Ubuntu Linux
 - eg. RubyOnRails development environment



- Build Server Environment

- Preinstalled OS with development environments
- eg. Windows XP service pack 2 with Microsoft Visual Studio .NET installed with 3rd party components
- eg. Eclipse on Ubuntu Desktop with Java and C++ environment
- eg. Java Software Development Kit with Ant management installed



Virtual Appliances demo on VMWare player



References

- http://en.wikipedia.org/wiki/Virtual_appliance
- <http://www.vmware.com>
- <http://www.virtualbox.org>
- <http://www.microsoft.com>

Questions

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