



NEXT GENERATION SUN STUDIO INSTALLER (VESTA)

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Vesta Prototype

- Vesta prototype Wiki
 - > <http://wiki.netbeans.org/VestaProto>
- How to build prototype
 - > <http://wiki.netbeans.org/VestaBuild>
- Installation cookbook & binaries
 - > <http://endif.russia.sun.com/installer/>

Vesta Prototype Key Features

- Based on NBI (NetBeans 6 Installer framework)
- Support of Solaris x86/SPARC & Linux platforms
- Different installation modes
 - > User-interactive mode
 - > Silent mode
- Ability to install Sun Studio packages with NetBeans IDE

Vesta Prototype Key Features (continue)

- Two kinds of installation bundles
 - > All-in-one
 - > With external packages
- Support of components selection for installation
 - > Only selected components will be downloaded
- Support of uninstallation

Charter Of The Team

- Sun Studio “Ceres” installer development
- Connected Customer
 - > Service tags
 - > Registration
 - > Active users count
- Full team also includes
 - > xDesign
 - > Sun Studio builds
 - > QA
 - > Support

Key Vesta Requirements

- Installation & uninstallation of
 - > NetBeans 6.x IDE with C/C++ Pack
 - > Other NetBeans clusters
 - > Solaris & Linux Sun Studio packages
- Swing based modern look-and-feel UI
- Easy components management
 - > Selection (only selected will be downloaded)
 - > Adding & removing
 - > Support of dependences
 - > Additional components configuration screens

Key Vesta Requirements (continue)

- Installation modes
 - > GUI
 - > Silent
 - > Packages-only
- Dealing with installed software
 - > Upgrading existing Sun Studio
 - > Clean up broken installations
 - > Use existing NetBeans
- Support for Solaris zones
- Support of prerequisites installation

Key Vesta Requirements (continue)

- Connected Customer support
 - > Service Tags
 - > Registration
 - > Active users counting

xDesign

- xDesign specialist is involved in prototype GUI development process
 - > Stepan Doubrava
<Stepan.Doubrava@Sun.COM>
- All prototype installer wizard screens were reviewed
- Review example can be found at <http://xdesign-tools.czech.sun.com/projects/ss/installer4/index.php>

Connected Customer

- Support of Service Tags registration
 - > Solaris x86/SPARC
 - > Linux
- Ability for user after-install registration
 - > Not-mandatory
 - > Web-based
- Active users counting feature

Architectural Approach

- Vesta will be based on NetBeans Installer framework (NBI)
- All features special for Sun Studio installation will be created as NBI extensions
- Packages-only installation bundle will be created as shell-script
 - > no JRE needed for this type of installation

Development model

- Project sources are located in NetBeans Mercurial repository (<http://hg.netbeans.org/main/contrib>)
- Builds are separated from Sun Studio builds
- Packages dependences file which is generated by builds group is used by builds
- Project Wiki
<http://wiki.netbeans.org/Vesta>

Preliminary Schedule

- Milestone 0 “Readiness”
 - > Prepare building and testing infrastructure
 - > Investigate Sun Studio packages sources and prerequisites sources
 - > Create requirements plan and schedule
- Milestone 1
 - > Installing NetBeans 6.1, C/C++ Pack 2.0 and other NetBeans clusters
 - > Dealing with existing NetBeans and Sun Studio installations
 - > Verifying system for installation

Preliminary Schedule (continue)

- Milestone 2
 - > Ability to install/uninstall Sun Studio
 - > Packages-only installation bundle
 - > Provide installer with downloadable components
- Milestone 3
 - > Uninstallation and modification support
 - > Support of integration with existing NetBeans installation
 - > Prerequisites and patches installation
 - > Silent mode

Preliminary Schedule (continue)

- Milestone 4
 - > Service Tags support
 - > User registration support
 - > Active user counting
- Milestone 5
 - > Complete testing
 - > Documentation creation

Possible Development Risks

- NBI framework changes
- Sun Studio builds structure changes
- NetBeans builds structure changes



Q & A

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