

Polaris Technologies Ltd.

Your AllFusion Harvest Change Manager Experts

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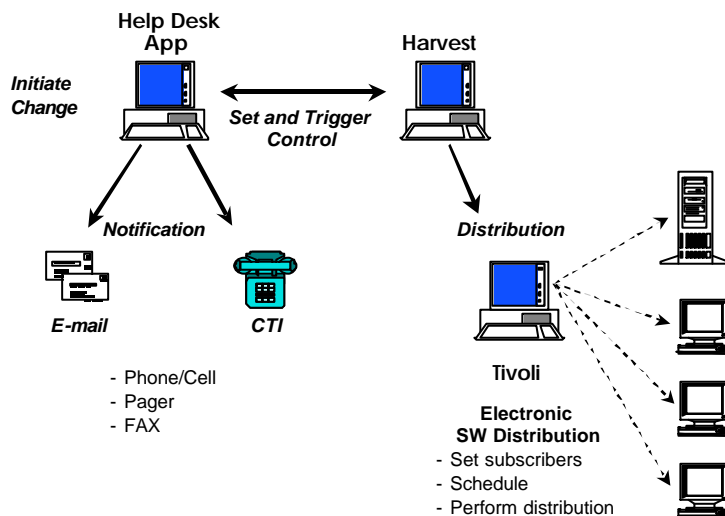
TIVOLI SOFTWARE DISTRIBUTION[®] WITH ALLFUSION HARVEST

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Overview

Electronic Software Distribution (ESD) has become an essential part of the Software Configuration Management (SCM) process. Information Technology departments are finding that products such as IBM's Tivoli Software Distribution vastly simplify the entire process of distributing software and data files to multiple target machines. However, setting up the distribution for an application is not a trivial task. A distribution 'package' may contain many elements (before/after scripts, configuration info, etc.) besides the actual application files themselves. Providing change management for these packages is an important element that is often ignored.

The **Tivoli ESD Harvest Solution Kit** provides the process and the tool to protect the integrity, stability, security, and availability of the ESD environment. The change control 'engine' is provided by AllFusion Harvest, which is used to initiate, document, notify, track, approve, and promote a change request through it's lifecycle. Below is a high level diagram illustrating the integration of Helpdesk, Change Control, and Electronic Software Distribution Components:



Contents

The Tivoli ESD – AllFusion Harvest Integration Solution Kit contains the following components:

Tivoli ESD Methodology

The Tivoli ESD – AllFusion Harvest Integration Solution Kit includes an extremely detailed 56-page design document that provides a complete reference for managing ESD with Tivoli.

The model includes detailed descriptions and functionality of:

- ESD methods for Tivoli
- Customizing Tivoli ESD to your needs
- Planning and Identification
- Tivoli Distribution File Package Development
- Acceptance Testing for ESD
- Deployment Strategies
- Tools
- Roles and Responsibilities
- Metrics for ESD

It also includes examples of perl before/after distribution scripts, as well as a large VISO diagram outlining the Tivoli ESD process flow.

Tivoli File Package Versioning Kit

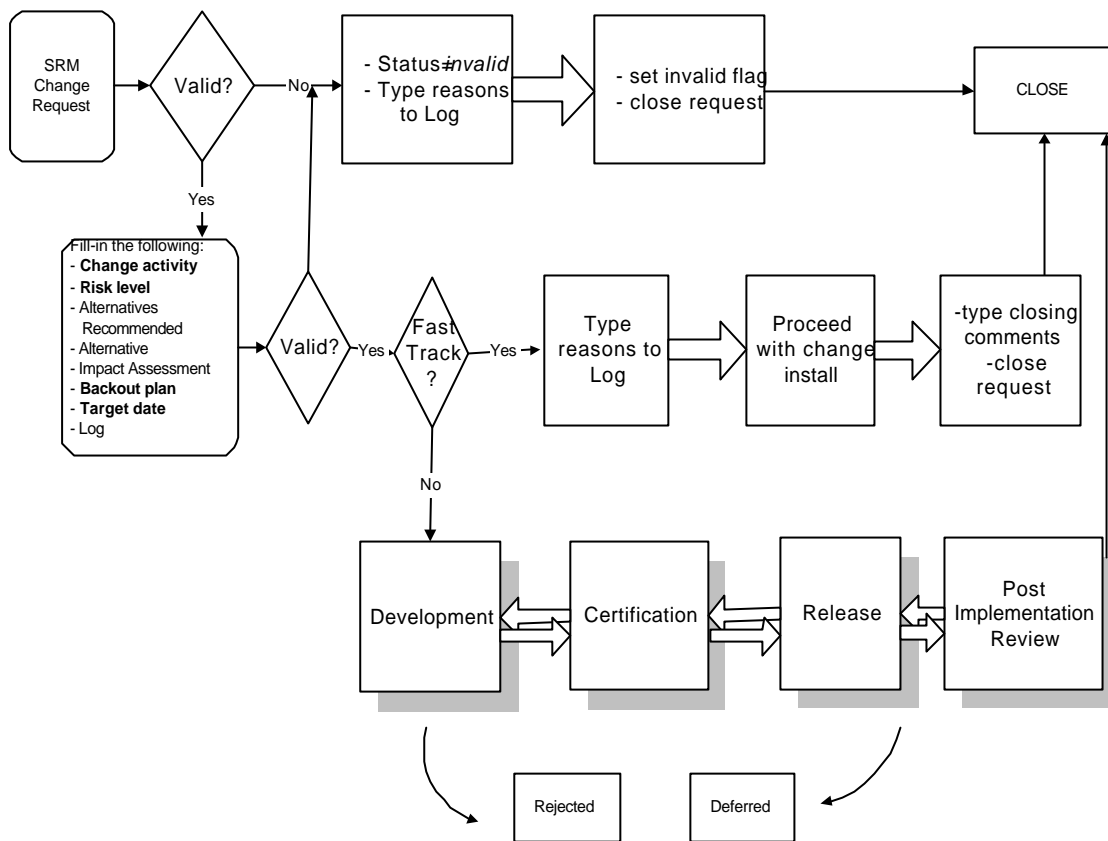
In addition to the Tivoli ESD methodology, software is provided to allow versioning of Tivoli Distribution File Packages. Harvest is used to manage the changes made to server and desktop file packages. The entire ESD 'package' for an application (i.e. Netscape) would be checked n/out of Harvest. This package would consist of:

- Export Definitions
- Configuration information
- Application files
- The distribution file package
- Before/After distribution scripts

Our scripts will 'wrap up' this information and use Harvest to do the versioning.

The two scripts (tivhci and tivhco) are used to check in and check out Tivoli File Packages in and out of Harvest. These packages can then exist in logical regions and be promoted / demoted through the change management life cycle (**see diagram below**). This life cycle is created in Harvest.

ESD Change Management Lifecycle



This logical environment has four States (shaded boxes shown on the diagram):

1. Development

The purpose of this phase is to develop file packages and management tasks for certification. The ESD plan and helpdesk usage are also developed.

2. Certification

The purpose of this phase is to test the ESD plan and management tasks.

3) Release

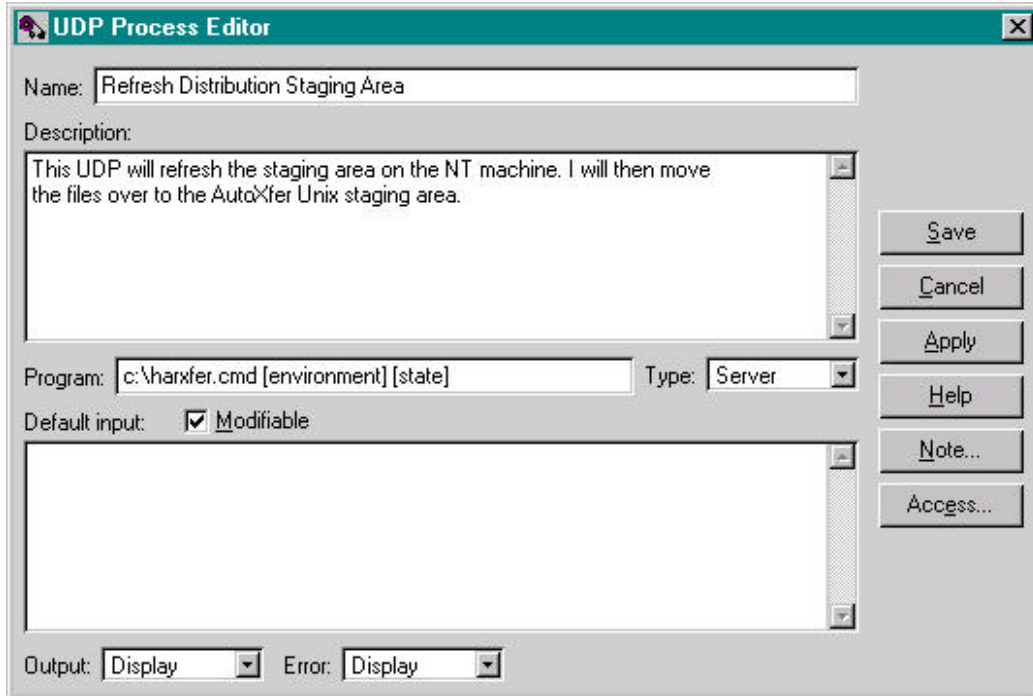
The purpose of this phase is to finalize the file packages for deployment.

4) Post Implementation Review

The purpose of this phase is to review the change for learning's and track the actual benefits realized.

Launch a Distribution from Harvest

The Tivoli ESD AllFusion Harvest Integration Solution Kit also allows a Tivoli software distribution to be launched from Harvest if desired. We provide a series of sample Harvest UDP's (User Defined Processes, see diagram), scripts, and documentation that you can use to automate your distribution.



Pricing & Availability

For pricing and availability, please contact Craig Farkas at Polaris Technologies Ltd., 403-264-5544, or email at cfarkas@polaristech.com.

About Polaris Technologies Ltd.

Polaris Technologies is innovative software and consulting company that is committed to the successful implementation of SCM processes and tools in the corporate community. Working co-operatively with Computer Associates (CA), Polaris is providing SCM solutions to a wide range of applications across multiple disciplines and industries. Polaris is also a CA Consulting Partner and we offer a full line of AllFusion Harvest training, implementation, and consulting services.