

# CA Endeavor<sup>®</sup> Software Change Manager (SCM) Enhancements

May 2009

The intent of this document is to detail the enhancements made to the CA Endeavor Software Change Manager (SCM) solution.

Major new releases of CA Endeavor SCM are planned for delivery every 12-24 months; feature lists of past releases are detailed below. Service Packs (containing product maintenance and smaller product enhancements) are scheduled to be delivered every six months. Product options and enhancements are developed as the industry and the software configuration management discipline evolve. Through our partnership in IBM's S/390 Early Support Program, we are committed to certifying our solutions on new releases of z/OS and S/390 hardware before they are generally available.

CA's strategic direction for Change and Configuration Management™ (CCM) is enterprise-wide application development management. To be successful in meeting the challenges of their businesses, development organizations need to integrate their existing applications while extending them to embrace new paradigms like the Internet. These enterprise applications are increasingly strategic to organizations. CA's core CCM solutions, CA Endeavor SCM and CA Software Change Manager (SCM) (formerly Harvest), form the foundation of CA Software Change Manager Enterprise Workbench, offering unprecedented life cycle management for today's enterprise applications that are so critical to business success.

## Recent Releases

### Endeavor for MVS Rel. 3.8

GA July 1998

Enhancements include:

- Application Programming Interface Phase I
- Extended External Security Interface support
- Automated Configuration Manager Query Facility (Change Impact Analysis)
- Endeavor Library VSAM Multi-Volume support
- Quick Edit ISPF Recovery
- Quick Edit Change Package support
- Parallel Development Manager long record support
- Additional processor symbolics
- Improved installation and implementation features
- CA-Examine integration
- Unicenter TNG Event Management integration
- CA-Netman interface
- Endeavor Workbench (GUI interface)
- Endeavor 2000 (Y2K remediation workbench)
- Endeavor DB2 support for new DB2 releases
- Endeavor NATURAL enhancements

### Endeavor for OS/390 Rel. 3.9

GA July 2000

Enhancements include:

- Application Programming Interface Phase II
- Full Image Delta Format support

- Unlimited element size
- OS/390 VSAM Record Level Sharing support
- Package element locking option
- Quick Edit Copyback option
- Case-insensitive searching
- Impact analysis query enhancements
- Improved list capabilities
- Enterprise CCM support
- Endeavor agent for Unicenter TND
- Endeavor DB2 support for new DB2 releases
- Endeavor NATURAL enhancements
- Endeavor Webstation

### AllFusion Endeavor Change Manager Rel. 4.0

GA December 2002

Enhancements include:

- UNIX Systems Services support
- Hierarchical File System I/O support
- Element catalog
- Element registration
- Site symbolics definition
- Application Programming Interface Phase III
- Quick Edit Refresh capability
- Expanded audit capability with ACMQ
- Additional masking capabilities
- CA-7 integration
- Email notification

# CA Endeavor<sup>®</sup> Software Change Manager (SCM) Enhancements

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- Complete Web interface (AllFusion Change Manager Enterprise Workbench)

## **AllFusion Endeavor Change Manager Rel. 4.0 SP1**

*GA September 2003*

Enhancements include:

- CSV Utility
- Interface compatibilities
  - Advantage CA-ROSCOE
  - IBM Tivoli Information Manager
  - Unicenter CA-Netman Interface
- Point-in-time recovery support
- Rolled-up maintenance

## **AllFusion Endeavor Change Manager Rel. 4.0 SP2**

*GA July 2004*

Enhancements include:

- Introduction of package “superuser”
- Exit 2 support for CAST/INSPECT processing
- Streamlined CAST report
- Optional expansion of element registration scope
- TYPE and DSN definitions increased to 256
- Embedded SET STOPRC SCL creation
- More API enhancements

## **CA Endeavor Change Manager r7**

*GA February 2005*

- Multiple-entry stage
- Global type-sequencing
- Dynamic Approvers
- Package Ship enhancements
- More API enhancements
- Component list enhancements
- MCF User Data area
- Additional wildcard support
- More integration with Enterprise Workbench

## **CA Endeavor Change Manager r7 SP1**

*GA September 2005*

- Simplified email notification
- Unauthorized calling programs
- Move or Transfer Action Sync Level
- Element Registration Processor Output Type Check
- CCID and Comments Across Sessions
- ISPF View Mode Option
- ISPF Element Master File Display

- Processor Control over Alternate ID Usage
- Long Name Processor Symbolics

## **CA Endeavor Change Manager r7 SP2**

*GA June 2006*

- PRINT Element OPTION LISTING SCL
- Package Shipment API
- Empty Package Creation
- Source and Target Symbolics for MOVE with GENERATE

## **CA Endeavor Change Manager r7 SP3**

*GA February 2007*

- All rolled up maintenance and PTF's to-date

## **CA Software Change Manager for Mainframe r12**

*GA October 2007*

- Element level versioning and retention
- CSV utility provides additional data for download
- API support for SCL Package Ship commands
- Concurrent Action Processing
- Promotion Packages
- Processor Map Allocation
- Name Masking for Environment selection
- Selection list left-right scrolling
- Element selection list enhanced filtering
- Package selection list enhanced data display
- Processor group selection list enhanced display
- Elimination of need for security exit for ACMQ files
- Simplified Listing display support

## **CA Software Change Manager for Mainframe r12 SP1**

*GA May 2008*

- Enhanced Search and Replace Utility
- Rapid Implementation Facility
- Option to Process Delete First
- ACM CSV-API Enhancement
- Promotion Package Filter
- CSV/API Package Date/Time Format
- All rolled up maintenance and PTF's to-date

## **CA Software Change Manager for Mainframe r12 SP2**

*GA October 2008*

# CA Endeavor<sup>®</sup> Software Change Manager (SCM) Enhancements

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- Package Foreground Option Promotion Package filters
- List Package ID CSV Utility Enhancements
- Additional fields in List Package Header API function
- Dynamic Out-of-synchronization notification

## **CA Software Change Manager for Mainframe r12 SP3**

*GA March 2009*

- Parallel Development Manager Direct Merge into Endeavor
- More flexibility in high-level qualifier for Package Shipment
- Processor Information in Listing Banner Page
- Ability to change "FROM" location in generated email notifications