CA Easytrieve®

Product Roadmap

Author: **David Schipper**

Date: **January 8, 2014**

agility
made possible™

ca technologies

Product Roadmap Content

CA Easytrieve

This published roadmap was based on current information and resource allocations as of **January 8, 2014** and is subject to change or withdrawal by CA Technologies at any time without notice. The information in this roadmap is intended to outline CA Technologies general product direction. All information in this Product Roadmap is for informational purposes only, and is not deemed to be incorporated into any contract. CA Technologies assumes no responsibility for the accuracy or completeness of the information.

Product Mission

CA Easytrieve has provided businesses with solutions that help create and maintain production quality applications for decades. CA Easytrieve is a powerful information retrieval and data management programming language residing on the mainframe, UNIX, Linux on System z, Linux PC and Windows environments. It combines a sophisticated enterprise report generation facility with data manipulation functionality; all through a simple, easy-to-master programming language. This intuitive language enables novice users to produce simple reports while still providing extended facilities which allow experienced users to perform advanced tasks.

CA Easytrieve is designed to relieve the burden on COBOL programmers and other developers that create, debug and run many types of reports, thereby reducing internal development costs as well as the information request backlogs. CA Easytrieve has helped many of the largest global companies create and deliver powerful reports so that their employees get business-critical information when they need it, allowing them to speed up the decision process.

The CA Easytrieve product line includes support for batch and online processing and provides access to multiple database types. Coupled with its availability on heterogeneous environments, CA Easytrieve covers the aspects of application creation and maintenance so it can be used to generate reports with data from multiple repositories, perform fundamental data management and output the results to a file, paper or even Web pages.

Product Strategy

With increasing numbers of non-technical users demanding faster access to business intelligence based upon very large and diverse data structures, the CA Easytrieve product family aids organizations by providing an application development language that is easy to use and provides access to vast amounts of data. The use of the language continues to allow IT departments to distribute requests for reports and information to "functional specialists"… those end-users who have developed a proficiency in the technology. This frees IT staff to focus on more strategic issues while putting the information required to make decisions at the fingertips of the user.

CA Easytrieve has adopted CA Chorus™ Software Manager features that are designed to simplify your use of CA Easytrieve and help your staff to install, deploy, configure and maintain these products more effectively and quickly in a z/OS environment.

- **CA Chorus Software Manager:** The CA Chorus™ Software Manager (CSM) (formerly CA Mainframe Software Manager (MSM)) automates CA Easytrieve installation, deployment and maintenance and removes SMP/E complexities.
    - The **Software Acquisition Service** helps you move product installation packages and maintenance from CA Support Online directly to your mainframe environment and prepare them for installation.
    - The **Software Installation Service** standardizes CA Easytrieve installation, which includes a streamlined Electronic Software Delivery (ESD) method that allows CA Easytrieve to be installed using standard utilities. This service also provides standardized SMP/E product installation and maintenance via APARs and PTFs, and simplifies SMP/E processing through an intuitive graphical user interface and an intelligent Installation Wizard.
    - The **Software Deployment Service** helps you to more easily deploy CA Easytrieve in your mainframe environment.
    - The **Software Configuration Service** will help you to more effectively configure CA Easytrieve if it has been acquired, installed, maintained and deployed using CA CSM.
- **Installation Verification Program (IVP) and Execution Verification Program (EVP):** CA Easytrieve has passed stringent tests performed through the IVP and EVP to find and resolve interoperability problems prior to release.

- **Best Practices Guide:** This Guide provides information on CA Easytrieve installation, initial configuration and deployment to help shorten the learning curve for staff that is responsible for the installation and management of these products.
- **Serviceability:** This helps users identify, manage and respond to failing programs. Serviceability is designed to provide you with the following:
    - Error messages that provide clear information for use in problem determination.
    - Identification of ownership or resources.
    - Self-help facilitation.
    - Simplified identification of preventative and corrective maintenance.

As the spectrum of CA Easytrieve users continues to grow, a primary driver for future releases is our plans to enhance the language itself to make its functionality and use easier. We plan to include increased access to current data formats and the ability to easily provide output in formats compatible with today's applications and environments. Additionally, we are committed to continually enhancing our existing file access support to keep pace with changes within those data structures.

Our second focus for the enhancement of CA Easytrieve is to expand the abilities to write, test, and debug applications from within distributed environments with the goal of off-loading resource consumption required for those tasks from the mainframe as well as the other supported platforms. This was delivered with CA Easytrieve for Windows, CA Easytrieve for Linux/PC and the CA Easytrieve Simplified Design System (SDS) productivity tool. SDS is available at no charge to customers that are current on their CA Easytrieve maintenance and use a release of Easytrieve supported by SDS.

Current Release Status

CA Easytrieve for z/OS

Release Number: r11.6

Version / Build: SP0

Target End of Support Date: Not yet announced

CA Easytrieve SDS

Release Number: r1

Version / Build: SP0

Target End of Support Date: Not yet announced

CA Easytrieve Online for CICS and TSO

Release Number: 1.4

Target End of Support Date: Approximately one year after the next full release

CA Easytrieve for VSE

Release Number: 6.3

Target End of Support Date: Approximately one year after the next full release

CA Easytrieve for Windows

Release Number: r11.1

Version / Build: SP1

Target End of Support Date: Not yet announced

CA Easytrieve for UNIX

Release Number: r11.0

Version / Build: SP0

Target End of Support Date: Not yet announced

CA Easytrieve for Linux on System z

Release Number: r11.0

Version / Build: SP0

Target End of Support Date: Not yet announced

CA Easytrieve for Linux PC

Release Number: r11.6

Version / Build: SP0

Target End of Support Date: Not yet announced

CA Easytrieve Toolkit

Release Number: 2.0

Version / Build: SP2

Target End of Support Date: Approximately one year after the next full release

CA PanAudit® Plus

Release Number: 3.0

Target End of Support Date: Approximately one year after the next full release

CA Pan/SQL

Release Number: 2.4, 2.5 (Oracle only)

Target End of Support Date: Approximately one year after the next full release

Note Pan/SQL is an option that provides SQL access from CA Easytrieve to DB2 for z/OS, CA IDMS, CA Datacom, and Oracle relational databases. It is sometimes referenced by the database it supports such as the CA Easytrieve for DB2 for z/OS option.

For details on current features and functionality, please preview the product sheet:
CA Easytrieve

Functionality to be Delivered in Service Stream

Each new feature or functionality included in future releases is subject to change based on a number of factors, including but not limited to internal and external beta testing, development plan changes, and feedback from customers and users. Accordingly, the product may have different features and/or functionality than stated in this Roadmap.

Enhanced support in our CA Easytrieve® for Linux PC and CA Easytrieve® for Windows products targeted for Japanese customers is now available. The Shift-JIS encoding scheme is now supported by CA Easytrieve for Linux PC and CA Easytrieve for Windows with the restrictions noted in the documentation.

Next Release

CA Easytrieve 12.0 for z/OS

CA Easytrieve Option 2.5 for DB2

Planned New Features/Functionality in the Future

Each new feature or functionality included in future releases is subject to change based on a number of factors, including but not limited to internal and external beta testing, development plan changes, and feedback from customers and users. Accordingly, the product may have different features and/or functionality than stated in this Roadmap.

- **Language Changes.** To assist in processing data within today's data structures, we are planning the following enhancements to the CA Easytrieve language:
    - Data types like Binary and Packed are planned to be expanded to allow support for larger values.
    - Floating Point, Unicode and Date data types are expected to be supported.
    - Data and string manipulation statements are likely to be added to provide capabilities such as concatenating multiple character strings together as well as extracting certain characters within an existing string.
    - To provide more flexibility within the reports being generated, advanced reporting abilities to allow specification and selection of different print lines within a report sub-activity are planned.
- **File Access.** To keep pace with new capabilities in the data structures of the most recent operating environments, we will likely add support for:
    - Reading and writing directly to comma-separated (CSV) files
    - Reading and writing XML files
- **Database Access.** With the goal of increasing the functionality within the CA Easytrieve language specifically as it relates to developing applications that access DB2 data, changes internally within CA

Easytrieve as well as external access changes are planned. Specifically, the following features will be considered to support the latest releases of DB2 for z/OS:

- Support the current DB2 limit on the length of column names in the SQL interface is planned
- Increase the size of index keys to support the current DB2 limit is likely.
- Support longer SQL statements. The internal management of SQL buffering is planned to be enhanced to allow active management of longer SQL statements.
- Operate on ROWSETS. Expected modifications to internal cursor management would support operating upon ROWSETS of data in addition to scrolling on real data as is provided today.
- Adding support for BIGINT, FLOAT and XML data types is in our plans.
- Added support for other user requested statements such as MERGE is planned.
- Adding support for 3-level qualified table names is likely.

To open a request for a future enhancement please open a technical support issue via CA Support Online and detail the business and/or technology challenge that you are experiencing as well as your suggested solution. An overview of the CA Easytrieve specific enhancement request process is available on the product home page on CA Support Online.

Legal

INVESTMENT, BUSINESS INTERRUPTION, GOODWILL OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH DAMAGES.