



Technology that delivers results.

## Eccox Application for Parallel Testing v2.0 Update (Eccox APT®)

*How can DevOps practices help you increase the speed of innovation and business agility on the mainframe?*

PRESS RELEASE [December/2022]

### **MAINFRAME MODERNIZATION: IS IT POSSIBLE?**

IBM Z® mainframes have always been known for their reliability. Z stands for Zero Downtime. A factor contributing to this reputation was the initial decision to add spare components to their systems that would allow them to recover from areas of failure without interrupting operations. Today, IBM Z® mainframe servers are used at the heart of some of the world's most demanding online experiences. Giant companies in the financial area, Credit Card Processors, Insurance Companies, Airlines, and Retail Companies rely on IBM Z® systems, which use the fastest processor in the world, processing more than 50,000 transactions per second. Its reliability and record uptime meet the extreme demands of these institutions.

In addition to speed and reliability, IBM Z® computers are remarkably secure – encrypting 100% of data in applications, databases, and cloud services without changing application codes or SLAs. It results in data security for far less cost and effort than your competitors can offer. The IBM Z® is found in the data centers of many organizations that must ensure their data is safe and secure from data breaches, including government agencies, the financial industry, healthcare providers, and insurance companies.

IBM Z® has continued over the past few decades to deliver more efficiencies, innovations, and capabilities that significantly support and accelerate Modernization and Digital Transformation.

This Technological Modernization is more than necessary for companies to evolve, and the Mainframe platform, with innovative solutions integrated into the DevOps Pipeline, generates agility and automation, resulting in a better quality of applications, as well as reduced Time to Market and more agile delivery of their applications to customers. These benefits can be obtained using Eccox APT® technology.

Running tests on Mainframe applications has been a significant challenge, mainly due to a lack of technical skill and knowledge of Legacy systems. However, this GAP can be optimized using Eccox APT®, which has an Artificial Intelligence that discovers Mainframe applications End-to-End, displaying in a WEB interface all components (programs and databases) used by the application in a few minutes or even seconds, turning available to users with no knowledge of the Mainframe Platform. And how to do it?

Eccox APT® automates infrastructure preparation processes for tests, enables the reprocessing of a given test, and enables the creation and execution of isolated scenarios through the containerization of test applications, managing containers (Test Tracks) using DB2®, VSAM®, and Sequential files both in Batch and online (CICS® or IMS/TM®), and MQ® Queues on the IBM Z® Mainframe Platform.



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In addition, the Eccox APT® innovations launched this year, 2022, allow users to build their hybrid application containers (LINUX®, WINDOWS®, and IBM Z) that use data through DB2® databases, facilitating testing and reducing to ZERO the conflict in the validation of the tests.

And the news doesn't stop there: new functionalities were implemented in Eccox APT®, always aiming at the User Experience (UX), as detailed below.

#### NEW ECCOX APT® FEATURES:

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##### Main new features in this Eccox APT® update:

- ❖ Optimization in the process of installing and configuring the APT® Exit that integrates with IMS/TM®;
  - ❖ Implementation of the integration API with z/OS System Logger to capture events performed by Eccox APT®;
  - ❖ Implementation of the download process of Traces performed in CICS® and IMS/TM® transactions;
  - ❖ Creation of the **feature** to include components in exception to perform Discovery;
  - ❖ Implementation of SaaS (Software as a Service) billing model;
  - ❖ Creating clones of DB2®, VSAM®, sequential files and DL/I® databases without data, allowing users to add data based on their Use Cases.
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## ECCOX APT® CONTAINERIZATION FOR DL/I®

From CICS®, IMS/TM® & Batch applications that access DLI/IMS® databases, Eccox APT® allows users to build Test Containers to access cloned DLI/IMS® Databases and isolated, instead of the original DLI/IMS® Databases.

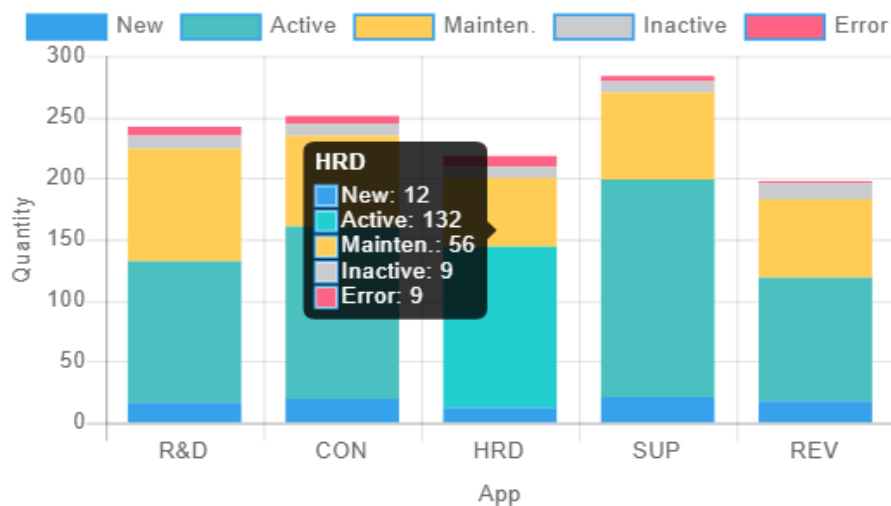
## ECCOX APT® DISCOVERY for SCM (Broadcom Endeavor®)

All components are automatically tracked from change packages registered in the Broadcom Endeavor® tool, allowing users to create their Test Containers in Eccox APT® in seconds.

## ECCOX APT® DASHBOARD

Dashboard with indicators that allow managing the use of Eccox APT® and application tests, including the execution of containerized tests of applications under the product management. It also displays the number of application tests performed on these treadmills, among others.

### CONTAINER STATUS / APP



### CONTACT

To learn more about the product, use our contact channels:

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Marketing: [marketing@eccox.com](mailto:marketing@eccox.com)

### ABOUT ECCOX

With more than 30 years of experience in the global software market, Eccox delivers results for clients in the financial market, industry, government, data centers, among others. Its portfolio of solutions and services allows you to reduce the consumption of MIPS/MSUs and increase the availability of IT resources. In line with global trends, Eccox effectively seeks continuous improvement in processes, quality, and operational efficiency for its customers.