

Success story: Eccox APT

Consistency and Sharing of the Application Test environment.

Client: Large Brazilian Bank.

One of Brazil's largest private financial institutions, with 73,000 service points and branches abroad. It has approximately 26 million current accounts, 63 million savings accounts, and 53 million insurance customers. Its processing is around 80,000 transactions per second, reaching 1.5 billion monthly business transactions. These transactions are processed in the bank's mainframe environment.

Real Success Case:

The correct and necessary provisioning of an integrated test environment has always been a priority concern at this bank due to the rapid evolution of the number of projects that occur in parallel, accessing test data and versions of common and shared programs. To test the application, in this case, you must create a data table that controls the activity flow of the application itself. This table has been retroactive for ten years. Generating the mass of data that makes up this table is a major sharing challenge between the development and test teams and the users of the production batch mesh. The Eccox APT solution brought to all competing players of this data the adequate security of not having any interference between them, whether in the contents of the table created or in the data generated from the various databases over the period of 10 years.

Method used:

With the Eccox APT solution, we could produce a 100% equivalent scenario compatible with the need to test the programs changed in this project. Thus, during the assembly and provisioning of a container (APT repository containing all the components of a test), the user of the tool could obtain all the modules and tables involved in the implementation of his program, thus being able to perform his cloning process and make use of a safe and interference-free environment for the effective realization of his homologation(acceptance). Remember that, from cloning these components, they become the property of the container manager, enabling even the maintenance of information



Technology that delivers results.

necessary for their test without the dependence of other groups with which the system communicates.

Times:

Standard real-time for building the integrated environment (and running the test):

- Without Eccox APT, the time for the total cycle of testing of this application is around 6 to 8 weeks, as it depends on elongated SLAs and prioritization of production by the areas involved.

Real-time with APT for building the integrated environment (and running the test):

- With the use of Eccox APT, this time has drastically reduced, turning around a day and a half of the work of the developer analyst or test analyst without the involvement of other areas.

About APT:

The user has full autonomy in building the Setup for the Provisioning of Tests for his application.

Allows test users to make changes to data in databases without dependence on other areas.

Reduces delays in projects, as tests can be performed at any time.

ZERO impact on original environment databases.

ZERO dependence on other areas or knowledge in Mainframe to perform discovery (an automatic process of discovering program or transaction relationships to be tested in an integrated way).

Mapping hundreds of interrelated components immediately allows the result to be checked, evaluated, and modified if necessary.

Provisioned environments (Containers) become assets of the development and testing environment and can be immediately reused at any time. The APT user can save only the container structures and reload the data, programs, transactions, and JCLs at the time of the new test.