



# COPYCAT: Automated Test Environment Copy Tool

**Fast analysis, development and test phases in the competitive environment of business**



CopyCat is a web based data copy and test environment preparation tool.

It allows companies to have a secure and productive test environment as it allows testers and developers to work with actual masked production data.

Data is the most valuable asset of a business. Storing customer specific data, such as name, address, contact details may be under the risk of attracting the attention of malicious users. Thus, it is essential to mask your data before opening it up for your employees or partners usage. However, you also need to ensure that the integrity of the data is not damaged. CopyCat allows employees to work with actual production data, without endangering the highly sensitive information to be exploited.

CopyCat also allows users to execute online queries on production. CopyCat can give you the opportunity for fast analysis, development and test phases in the competitive environment of business.

## Benefits

**Copy data between databases:** CopyCat supports data copy from one database to another with data encryption enabled. It works on multiple database

environments such as Oracle, DB2, SQL Server, Sybase, Axion, Derby/Cloudscape, Firebird, HSQLDB, Interbase, MaxDB/SAPDB, McKoi, MySQL, and PostgreSQL etc...It allows users to copy File from one Unix/Linux system to another Unix/Linux system with data encryption.

**On-line query:** CopyCat allows users to execute online query on production systems and shows the result in encrypted format. In this way, the users can work with the production data without actually seeing the highly sensitive information.

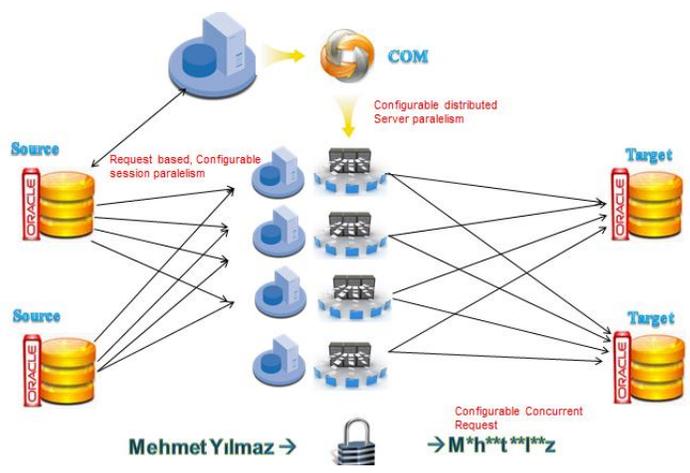
**Database job management:** The requests sent to a database can be scheduled through CopyCat and can be entered either in single or batch mode. It can refresh DB objects such as packages and tables.

**Data sampling:** Copycat has ability to carry out sampling based on given parameters. Note that this is an Oracle specific feature.

**User management:** With its advanced User Based GUI, Copycat makes user management simpler by enabling system administrators to manage users and user-group rights (enable / disable or hide menu options, create / delete user groups...).

**Different masking styles:** CopyCat lets users to determine different types of masking styles for each column/delimited text such as

- Star Masking
- X digits of a number
- IP Masking
- Hashing
- Email Addresses
- Dates
- Phone Numbers
- National ID Numbers
- Composite Masking



CopyCat also has additional features to simplify test steps which can be easily added upon customer request (Such as checking standards in coding, code conflicts check, compressed data copy etc...).

## CopyCat Features

**Flexibility:** CopyCat is flexible enough to be easily implemented on any test environment. It allows automated test database environment refreshment with Masked Production Data

**Performance:** CopyCat can copy any amount of data with minimum wait times and high performance. It enables accelerated application testing, with consistent test runs with masked production data.

**Portability & Compatibility:** Compatible with various database environments and Unix/Linux systems.

**Expendability:** CopyCat can be extended with new features according to customers' needs.

**Simplicity:** Simple to manage both from configuration perspective and also operational management perspective. It allows easy management of data according to SOX rules.

## Differentiators

**Distributed architecture** enables CopyCat to distribute the load of masking process to sub-machines and gets better performance results, as well as decreasing the cost of operation by using multiple cost-effective servers rather than one expensive and powerful server.

Its **Modular design** and flexible structure makes it easy to maintain , debug, upgrade and customize with respect to changing customer requirements.

The load-balancing capabilities enable **High-performance processing**.

CopyCat is **Hardware independent** – and runs on commodity hardware.

Masked data in CopyCat is **irreversible**, therefore the security of the data is guaranteed once it is masked in CopyCat.

## Contact with experts

Please do not hesitate to contact us for any information you may deem necessary for your business needs.