

Test Manager[®]

AnalytiX DS Test Manager is an easy-to-use testing management and automation solution for testing your ETL Mapping, Data Warehouse, Data Migration Activities and much more. The Test Manager provides an integrated platform to manage test cases, auto generate test cases, execute test SQL while allowing integration with existing testing tools for testing teams to efficiently and effectively manage the testing processes – with great efficiency and reusability.

COMPREHENSIVE TEST CASE MANAGEMENT

The AnalytiX DS Test Manager helps testers manage the testing lifecycle process, ensuring full test coverage. It allows testers to define testing requirements at the Mapping and Target Table levels, specify and execute manual or automated tests to validate those requirements.

Test Manager provides a comprehensive way to manage quality-as-a-process throughout the application development lifecycle. The Test Manager is also tightly integrated with the AnalytiX Mapping Manager and CATfX Framework, maximizing the return on investment in this automated testing tool. It provides a robust framework for your testing processes and helps you deliver higher quality outcomes.

AnalytiX DS Test Manager offers a centralized Web-based UI that provides the capability to

- Document your Test Cases and Test Steps at the Mapping and Target Table Level
- Create and maintain the test artifacts specific to each release (like requirements, test cases etc.) and capture the traceability between the test artifacts, requirements and mapping specifications.
- Define Reusable Test Cases at the enterprise Project level for reuse across your Mappings and Target tables



BENEFITS

- ✓ Centralized Repository to manage Test Cases and other test artifacts
- ✓ Improves testing efficiency by enhancing collaboration between testers and developers
- ✓ Promotes the reusability and accessibility of test cases
- ✓ Increases visibility so all stakeholders can monitor test processes and gauge application readiness
- ✓ Testing Automation and Customization with the CATfX Framework
- ✓ Meet regulatory, compliance and process audits
- ✓ Supports connectivity to any Database and big data systems
- ✓ Manage data migration projects and reconcile old and new system for data accuracy and correctness

CUSTOMIZABLE AND SCALABLE AUTOMATION TESTING FRAMEWORK

Through its automated testing framework, the Test Manager builds repeatable and reusable testing processes that can be easily extended and customized to meet the testing requirements of any project.

The automation framework helps auto generate a set of reusable test cases based off a source to target mapping specification, generate the test SQL and auto populate the testing result - saving the testers valuable time and effort.

This allows the testers to automate their routine testing tasks eliminating the manual nature of the execution and allowing them to focus on the more complex areas of the testing process.

The testing automation framework helps

- ✓ Auto-Generate test cases & Test SQL from source to target data mappings
- ✓ Automate Execution of Test Cases on mappings and target tables using the CATfX automation framework
- ✓ Pre-packaged and customizable test automation CATs to accelerate data integration testing timelines



AUTOMATED TESTING INCLUDES

- ✓ Metadata validations
- ✓ Data Migration initiatives
- ✓ Data Vault Methodology Testing
- ✓ Data Completeness Validation
- ✓ Test SQL Generation
- ✓ Truncation & Impact Analysis
- ✓ Data Violation checks
- ✓ And many more...

INTEGRATION WITH LEADING TESTING TOOLS

The Test Manager easily integrates with your existing testing methodology toolsets and allows you to leverage the benefit of the Test Manager while continuing to use your legacy tools.

HP-ALM

The Test Manager allows for two-way integration with HP-ALM

- ✓ Existing test cases from ALM can be pulled into the Test Manager
- ✓ These test cases and their associated test SQL can be executed directly from the tool to generate the test results.
- ✓ These test results can then be synced back with HP-ALM to complete the testing cycle.

TEST SQL GENERATION AND DOCUMENTATION OF TESTING RESULTS

The Test Manager facilitates generation and documentation of the testing SQL Queries that testers execute to validate their testing scenarios.

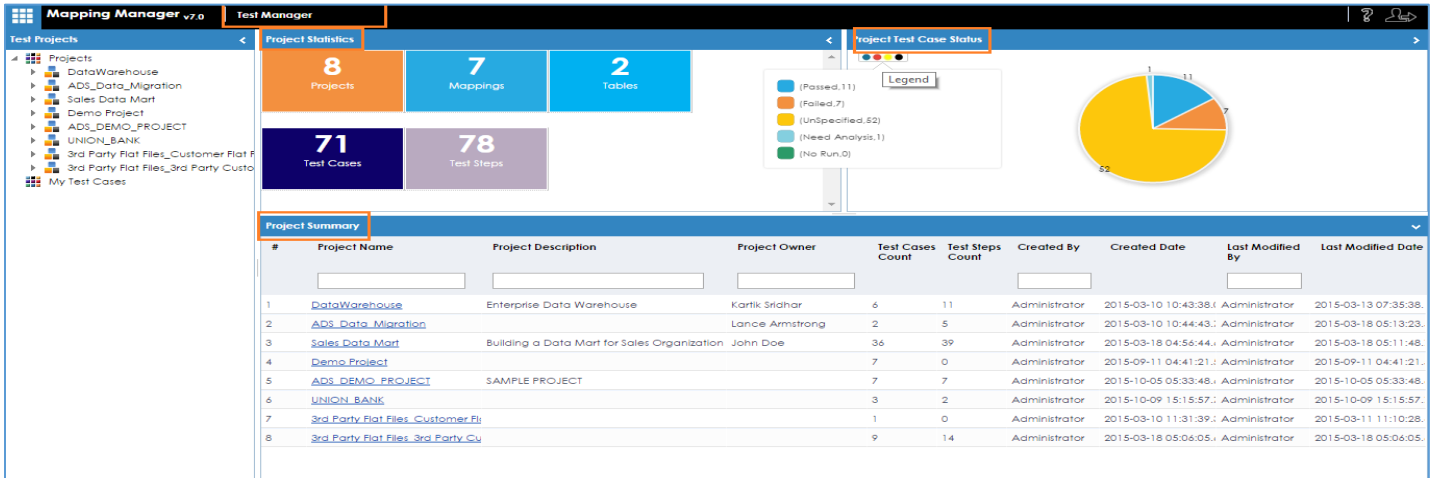
The SQL Queries can be executed directly from the Test Manager interface against any database and a snapshot of the testing output can be captured and attached to the test script as a testing artefact to adhere to regulatory and compliance standards.

DATA VAULT TESTING AUTOMATION

Using the testing automation framework, the Test Manager also helps support testing processes for warehouses build using the Data Vault methodology

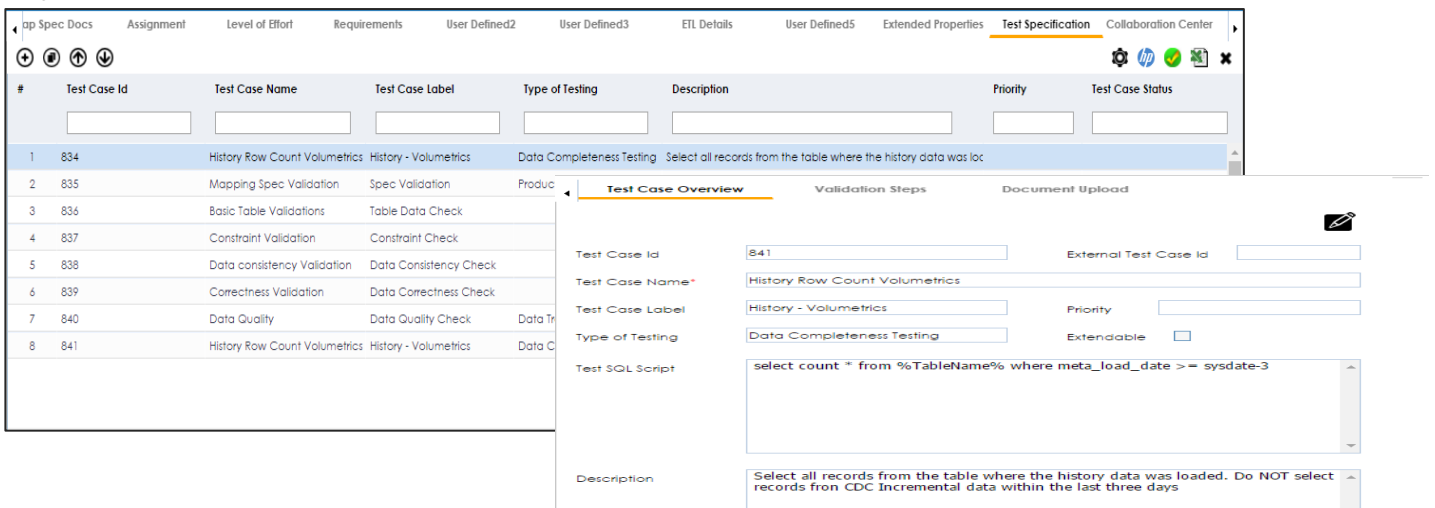
Automation includes Dimension, Fact, Bridge tables and other Data Vault components.

TEST MANAGER MODULE – BUILT IN DASHBOARDS TO MONITOR TESTING PROGRESS AND RESULTS



INTEGRATED TEST CASE REPOSITORY

Test Manager is aimed at providing users a centralized repository to maintain test cases across mappings, Target Tables, projects, and standardize the process of documenting your test cases and providing automation across your Integration Projects.



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