



Duette for ET Version 4.0

# Duette Installation Guide

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# Contents

- 1 Introduction.....4
- 1.1 Enterprise Tester .....4
- 1.2 Key Features .....4
- 1.3 Duette.....5

# 1 Introduction

Welcome to Catch Limited's Enterprise Tester, a web-based test management platform, which provides a world-first integration with Enterprise Architect and JIRA, and other selected Defect Tracking systems. You can use Enterprise Tester to plan, manage and execute the quality assurance testing of software.

This installation guide provides assistance to help you with the installation and set up of Duette, the Enterprise Tester plugin which connects automated testing tools with Enterprise Tester.

## 1.1 Enterprise Tester

Enterprise Tester is a fully integrated, web-based test management solution, which provides world-first integration with Enterprise Architect and JIRA. Utilizing a unique transformation framework which facilitates traceability from UML requirements to test cases and defects, Enterprise Tester enables your organization to improve test scripting and management process while reducing software defects, project costs and timeframes.

Developed in conjunction with global experts in software innovation, test integration, and model engineering, Enterprise Tester is a high-quality test management tool which can be purchased at a fraction of the cost of comparable solutions.

### Reduce Cost

Enterprise Tester's integration with Enterprise Architect and JIRA provides your business with a fully integrated, end-to-end solution for only 10% of the cost of comparable solutions.

### Save Time

Enterprise Tester supports the generation of test cases based on UML models, providing end-to-end traceability and automatic model updates from any party within the software development team. Simple to use features make the utilization of the tool extremely quick and efficient, while the storage and management of test scripts supports a more efficient test process, allowing you to increase productivity by at least 4% on each software project your business works on.

### Increase Quality

Enterprise Tester facilitates ISO/CMMI compliant process implementation by providing industry standard processes and templates automatically. Integration with JIRA allows the recording and management of defects found during testing, these defects link to Enterprise Tester's script step record which can be traced back to the requirement being tested, giving full end-to-end visibility of defects and their associated requirements.

## 1.2 Key Features

- Integration with Enterprise Architect and JIRA
- Real-time retrieval of test cases, scenarios and script headers from UML models
- Management and organization of test cycles and execution sets
- Cycle based testing and recording of results
- Step-by-step script instruction and recording of associated results
- Storage, management and reusability of scripts
- Full end-to-end visibility of defects and associated requirements
- Versioning of all elements within the application
- Roll forward or rollback within historical copies
- Interconnectivity with external version control applications
- Baselines (snapshots) at a point in time for projects and packages
- Template structure for projects to provide reuse and minimize setup time
- Integration with Automated Testing tools

For further information about Enterprise Tester and associated products please contact [sales@catchlimited.com](mailto:sales@catchlimited.com).

### 1.3 Duette

Duette is the automated testing tool plugin for Enterprise Tester. It enables users to import results from automated testing tools into Enterprise Tester. All testing results, manual and automated can be managed from Enterprise Tester giving users full visibility of testing status and progress.

Licensing of Duette is separate from your Enterprise Tester License. To run Duette, a current license of Enterprise Tester and Duette are required. If your Duette license expires, you will still be able to view, move, rename automated tests that you have previously imported using Duette, but you will no longer be able to create new automated tests, automated test assignments or import new runs.

### 1.4 Automated testing tools supported

The following automated test tools are supported by Duette:

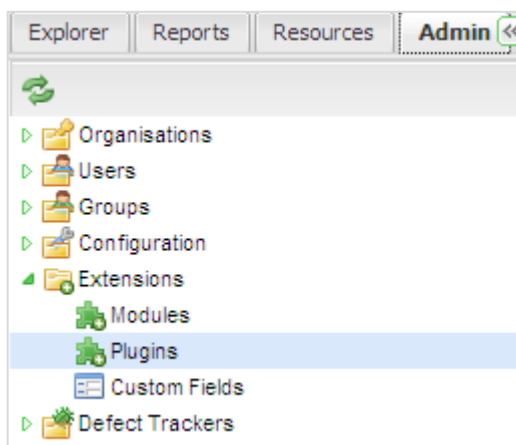
- IBM Rational Functional Tester - 8.1 and 8.2 HTML Output
- HP Quick Test Professional - 10 and 11 Output
- Selenium HTML Suite
- Unit Test Results
  - Custom results using XSLT data
  - Gallio
  - JUnit
  - JUnit
  - Microsoft MS Test
  - NUnit
  - Parasoft C++test
  - PHPUnit

Depending on the tool you wish to import results from, you will need to enable to appropriate plugin. Both plugins can be enabled at the same time if you are using both plugins and are planning to import results from both tools.

### 1.5 Getting started with Duette

Enterprise Tester comes complete with the Duette Plugin. Users only need to enable the plugin and add the Duette license to get started.

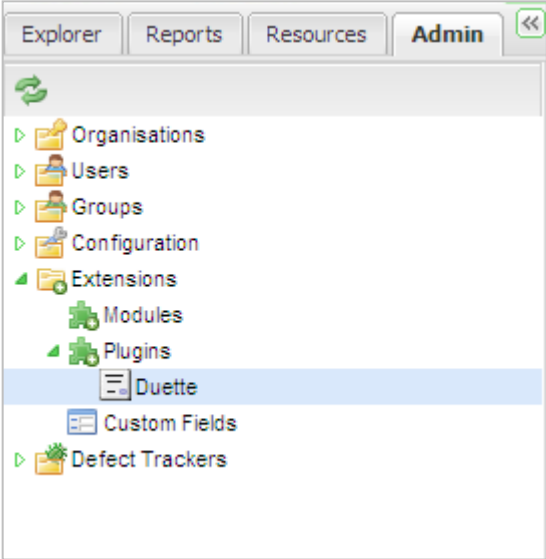
1. From the Admin View from the tree navigator, expand the Extensions folder and double click on Plugins.



2. The Plugin screen will display. Ensure that the Duette Plugin and at least one of the testing adaptors (currently QTP or RFT) is enabled depending on the tool you want to import from. By default, the Duette plugin should be enabled.

Name	Description	Vendor Name	State	Load Status
Automated Testing Adaptor for QTP	Automated Testing HP Quick T...	Catch Limited	Enabled	Awaiting Dependencies or Disabled
Automated Testing Adaptor for RFT	Automated Testing IBM Ration...	Catch Limited	Enabled	Awaiting Dependencies or Disabled
Baselining Support	Supports baselining and exper...	Catch Limited	Enabled	Loaded
Core Functionality	Core services required by the ...	Catch Limited	Enabled	Loaded
Crowd Authentication Method	Supports authenticating user d...	Catch Limited	Enabled	Loaded
Custom Fields Plugin	Provides support for managing...	Catch Limited	Enabled	Loaded
Database Auth	Core services required by the ...	Catch Limited	Enabled	Loaded
<b>Duette</b>	Supports automated tests and ...	Catch Limited	Disabled	Awaiting Dependencies or Disabled
Enterprise Architect Plugin (Catch API)	Provides support for synchron...	Catch Limited	Enabled	Loaded
Enterprise Architect Plugin (Sparx API)	Provides support for synchron...	Catch Limited	Disabled	Awaiting Dependencies or Disabled
Enterprise Tester Core Functionality	Core services required by the ...	Catch Limited	Enabled	Loaded
Enterprise Tester Defect Tracking Plugin	Provides support for integratin...	Catch Limited	Enabled	Loaded
Jira Integration	Provides support for integratin...	Catch Limited	Enabled	Loaded

- 3. Once the plugin has been enabled, Navigate to the Duette License screen by expanding the Extensions folder and then expanding Plugins under the Extensions folder. Double click on Duette which will now be displayed. The Duette License details screen will open.



License expires on:

Maintenance expires on: March 15, 2012

Server key: KAEN-TS33-K44V-B3G5

License Text :

Save Save & Close Close

4. To generate your Duetto License, go to the Catch website and login using your username and password. Provide you have a purchased a Duetto license, you will be able to generate a license from the website using the server key listed on the Plugin License Screen.
5. Apply the license text to the screen in step 2 and click "Save".
6. A message will now display indicating you must restart ET for the changes to take place.
7. Click the "Restart" link.
8. Wait for ET to restart. Once, restarted, Enterprise Tester will automatically redirect you to the Plugins screen where you can confirm the plugin is loaded. Check that the Load Status indicates "Loaded" and State indicates "Enabled".
9. Now you are ready to start using Duetto to import Automated Tests from all supported automated test tools.