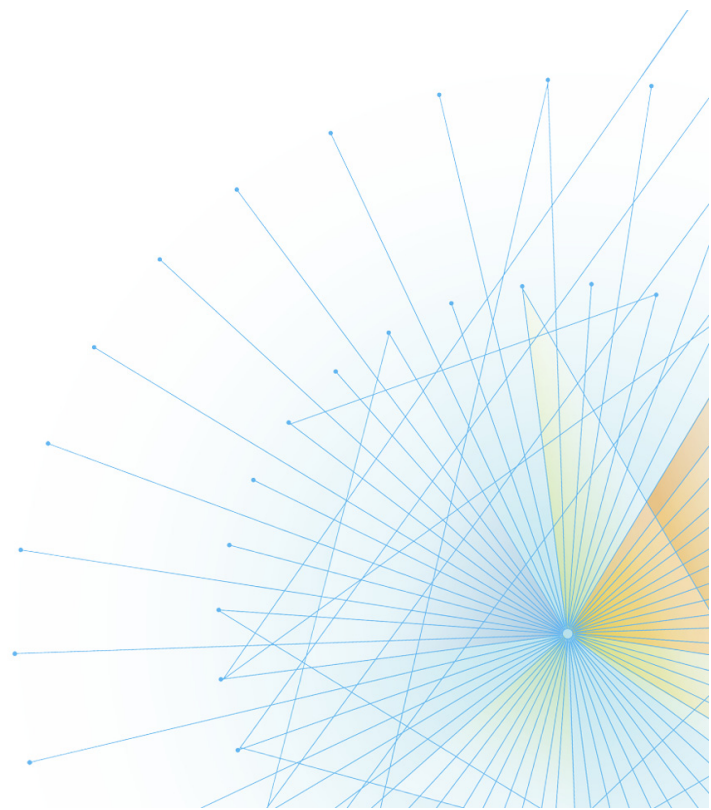




The Mainframe Software Partner For The Next 50 Years

XaTester by Compuware IBM i Setup and Environment Data

Release 4.0.1



Please direct questions about XaTester by Compuware
or comments on this document to:

Compuware Support Center

<https://go.compuware.com/>

This document and the product referenced in it are subject to the following legends:

Copyright 2018 Compuware Corporation. All rights reserved. Unpublished rights reserved under the Copyright Laws of the United States.

U.S. GOVERNMENT RIGHTS-Use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in Compuware Corporation license agreement and as provided in DFARS 227.7202-1(a) and 227.7202-3(a) (1995), DFARS 252.227-7013(c)(1)(ii) (OCT 1988), FAR 12.212(a) (1995), FAR 52.227-19, or FAR 52.227-14 (ALT III), as applicable. Compuware Corporation.

This product contains confidential information and trade secrets of Compuware Corporation. Use, disclosure, or reproduction is prohibited without the prior express written permission of Compuware Corporation. Access is limited to authorized users. Use of this product is subject to the terms and conditions of the user's License Agreement with Compuware Corporation.

Topaz for Enterprise Data, Topaz Workbench, Topaz Program Analysis, Xpediter, Code Coverage, ISPW, COPE, Strobe, iStrobe, File-AID, Abend-AID, XaTester, XaTester *by Compuware*, and Enterprise Common Components are trademarks or registered trademarks of Compuware Corporation.

IBM, AD/Cycle, CICS, Db2, DFSMS, DFSORT, IDz, IMS, Language Environment, IBM MQ for z/OS, MVS, OS/390, RDi, RDz, VisualAge, and z/OS are trademarks of International Business Machines Corporation.

ACF2, CA-MIM, CA-ROSCOE, ENDEVOR, LIBRARIAN, PANEXEC, PANVALET, and Top Secret are trademarks or registered trademarks of CA Technologies, Inc.

Adobe® Reader® is a trademark of Adobe Systems Incorporated in the United States and/or other countries.

All other company and product names are trademarks or registered trademarks of their respective owners.

Contents

Introduction	5
Setup Preferences	5
IBM i Environment Data	5
Define a Component Element	6
Execute a Test Case	7

Introduction

XaTester by Compuware is a unit test and integration test tool for testing COBOL, PL/I, RPG and Assembler programs on IBM z and IBM i, and it can be used as a developer tool for easily calling programs during development.

This manual describes the use of XaTester for IBM i developers and testers. It only describes special setup and relevant data for the IBM i environment. All detailed information regarding XaTester and XaTester features is documented in the *XaTester by Compuware User Guide*.

Setup Preferences

If you as a developer or tester only wants to see the elements in the palette that are valid for the IBM i environment, please make the following change in the RDi/Eclipse preferences.

Open the Eclipse preferences and locate the XaTester preferences.

Change the value in the drop-down list “Show supported types of OS in XaUnit editor” to IBM i.

Next time you open a XaTester test case the elements in the palette will only show the ones relevant for the IBM i environment.

IBM i Environment Data

When creating and running test cases in XaTester and IBM i is the environment for the execution there are some data and options that are not relevant/supported.

XaTester is designed to be a generic test tool for a number of environments and a Component definition is designed to contain all possible option and information for all environments. This will allow you to execute a Component definition in a test case against different environments. The following list contains a list of information/feature that are not currently relevant/supported for the IBM i environment. Some might be implemented in a later version of XaTester, some will never be relevant for the IBM i environment.

Execute a Test Case

When executing a test case the Execution dialog appears.

Execution Context
Select the Platform to run at and set optional properties

Environment

Environment: ISeries

User id: XATUSER

Password: [masked]

Securely save userid/password for the selected environment

Execution

Log level: LOG

Use Code Coverage Start debug session

Database name: Default: null

Collector IP: Default: 192.168.186.130

Maximum seconds to execute component: 600

Collector port: Default: 9000

Upload result to server

Components from repository

Name	Id	Label
INDUD	576bc149e4b0b50bee6fbf19	RPG ISeries test program

Host Runtime Parameters

Component Name	Rollback	DB2 ID	CICS MQ Manager Module is AMODE	DB2 plan	CICS application ic Ac
INDI ID	false	DR2ID	false	DRAG	

Reset from repository

Additional meta data

SSS: [field]

Default:

Buttons: Cancel, Open another, Save as, OK

When execution test case against the IBM i environment the following options are not relevant/supported:

- Use Code Coverage
- Start debug session
- Some parameters on the Host runtime parameters

