

Rational TestSuite Job Interview Questions And Answers



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Rational TestSuite Interview Questions And Answers Guide.

Question - 1:

How to record & run on Japanese language application using English version of IBM?

Ans:

As a Spanish Language Specialist, i test(record and run) the application as same as i do it in English. The only difference is you should know the language to debug the issues if you come across any.

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Question - 2:

What is RTRT?

Ans:

RTRT means "Rational Test Real Time" an IBM product which used to test the real time "Embedded Systems" of an application, and the most important point is to check the program whether it is working properly as per client requirement.

And it having two types of testing

- 1.UT (Unit Testing)
- 2.SI (Software Integration)

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Question - 3:

What is the use of "TestObject root = getRootTestObject();" in RFT?

Ans:

TestObject root = getRootTestObject()
getRootTestObject point to the top most object in the hierarchy of the page which is browser using this you are going to indentify the object under it.

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Question - 4:

Explain purpose of inserting delay values in the scripts of Rational?

Ans:

wait values are useful when the application requires an unknown amount of time to complete a task. Using a wait value keeps the verification point from failing if the task is not completed or if the data is not accessible right away.

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Question - 5:

What is the use of Global.sbl file in Rational?

Ans:

Robot provides lobal.sbl file for the convinience of the users.It a blank library source file.You can add procedures to it or make your own

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**Question - 6:**

What is the purpose of the wait state?

Ans:

Wait statement is used for synchronization.

WR simply waits the specified amount of time, whether the application is completed its operation or not.

Ex: suppose if one operation takes variable amount of time, in order to synchronize between WR and application we use wait statement.

wait(secs.) wait(20)

Here, WR waits 20 seconds even the operation completes in 5 secs.

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Question - 7:

What is the purpose of break point?

Ans:

we can use breakpoints to help debug our test scripts. A breakpoint stops a test run at a specified line in the test script, or in a specified function. You may want to stop a test run using a breakpoint in order to:

- 1.monitor the entries in the Watch List
- 2.begin stepping through a test script using the Step commands

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Question - 8:

How to test Java Applications and what settings you need to do?

Ans:

To open java application for testing In robot click Insert>> in that click Start Java Application..>> give path of java appl.

For Java we have to enable the applications as follows,
!)Run the java Enabler to have it scan your hard drive for java environment such as web browsers& sun JDK installations that Robot Supports.The Java Enabler only enables those environments that are currently installed.

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Question - 9:

For unattended execution which playback options you will use?

Ans:

Something like this

```
rtrobo.exe <path to.rec file> /project <path to .project file> /play /close
```

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Question - 10:

How to analyze results after playback?

Ans:

test manager opens the result window with appropriate comparator.

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Question - 11:

What is the purpose of comparators in analyzing the results?

Ans:

we can analyze the pass/fail status of verification points in Comparators. simply the results will be analyzed. In comparators actual results are compared with baseline (expected behavior).

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Question - 12:

Explain Datapool?

Ans:

A datapool is a test dataset, a collection of related data records which supplies realistic data values to the variables in a test script during test script playback.



You can create data from scratch or import existing data into a new datapool from another Functional Test datapool, an IBM Rational TestManager datapool, or a .csv file.

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Question - 13:

How to do data driven testing using Robot?

Ans:

We can do Data Driven Testing using Datapools...

Create Datapools through Test Manager...

Create Datapool to use variable data during Run time...

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Question - 14:

Explain What kind of problems are solved by Datapools?

Ans:

Following are the problems that are solved by Datapools :

1. To provide data to the application which accept only unique data in each iteration to avoid already exist error ie. application that receives unique data only as input.
2. To provide data to the applications which deletes data from the database. If data is same and it is deleted in first iteration then it will give no data found error in subsequent iterations.
3. To provide unique data in performance testing so that application performance can be evaluated as per real time scenario.

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Question - 15:

What is the planning and creating datapool?

Ans:

A datapool is a test dataset that supplies data variables in a test script during playback. Using datapools allows you to run multiple iterations of a script using different data each time.

Sub Main

Dim Result As Integer -> Header file

'Initially Recorded: 9/22/01 12:45:07 PM

'Script Name: Classics Place an Order Datapool

Dim x As Integer 'variable for loop

Dim dp As Long 'variable for datapool

Dim quantity, expdate As String 'variables for fields

dp=SQADatapoolOpen("Order CD") -> Open the Data Pool

For x = 1 to 10 -> Start of loop

Call SQADatapoolFetch(dp) ->fetch a row from the data pool

Window SetContext, "Name=frmMain", ""

PushButton Click, "Name=cmdOrder"

'Result = WindowVP

(CompareProperties, "Name=frmOrder", "VP=Object Properties 1")

Window SetContext, "Name=frmOrder", ""

EditBox Click, "Name=txtQuantity", "Coords=84,8"

'Quantity data

Call SQADatapoolValue(dp,1,quantity)

InputKeys "{HOME}+{END}{DELETE}" &quantity

EditBox Click, "Name=txtCreditCard", "Coords=9,6"

InputKeys "{HOME}+{END}{DELETE}1234 1234 1234 1234"

EditBox Click, "Name=txtExpirationDate", "Coords=14,11"

'Expiration date data

Call SQADatapoolValue(dp,2,expdate)

InputKeys "{HOME}+{END}{DELETE}"&expdate

Result = ComboBoxVP

(CompareData, "Name=comboCardType", "VP=Object Data 1")

PushButton Click, "Name=cmdOrder"

Window SetContext, "Name=frmConfirm", ""

PushButton Click, "Name=cmdOK"

Next x

Call SQADatapoolClose(dp)



End Sub

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Question - 16:

What is user defined data type?

Ans:

user must create the datatype if none of the standard data types contains the kind of values that user want to supply. for example user need a database column named COLOR & the values should be red,blue,green,yellow,etc .

but in predefined datatype there is no such datatype. so we have to create a user defined data type named color & have a predefined values RED,BLUE,GREEN.

1)to create user defined data type in rational robot in Test Manager>>click Tools>>manage data types.

2)click new.

3)Type name(color) & description>>click ok

4)click yes when prompted to enter new data values now. insert red,green,yellow,blue

5)click save

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