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Essentials of IBM® Rational® Functional Tester

Module 3: Modifying the test object map and reusing test assets

@business on demand.

This module will discuss modifying the Test Object Map and Reusing Test Assets in Rational Functional Tester.

# Objectives

This introduction helps the
students put the materials
into context.

Make sure the students
understand that this is not an
architecture course!

- The following topics are covered in this section:
  - Finding and modifying objects in the object map
  - Creating filters to find and modify objects in an object map
- Upon completion of this section, you will be able to:
  - Create a filter to find objects in the object map
  - Find and modify objects in the object map

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This section will cover finding and modifying objects in the object map, and creating filters to find and modify objects in an object map.

# Finding and modifying objects in the object map

- You may find that you need to make adjustments in a script object map to improve the script's playback performance.

- You can search for objects in the object map based on search criteria you define. Functional Test searches through the object map for objects that meet the search criteria, and then allows you to make modifications.

You may find that you need to make adjustments in a script object map to improve the script's playback performance.

You can search for objects in the object map based on search criteria you define. Functional Test searches through the object map for objects that meet the search criteria, and then allows you to make modifications.

# Finding and modifying objects in the object map

Open the test object map; click Find on the main menu
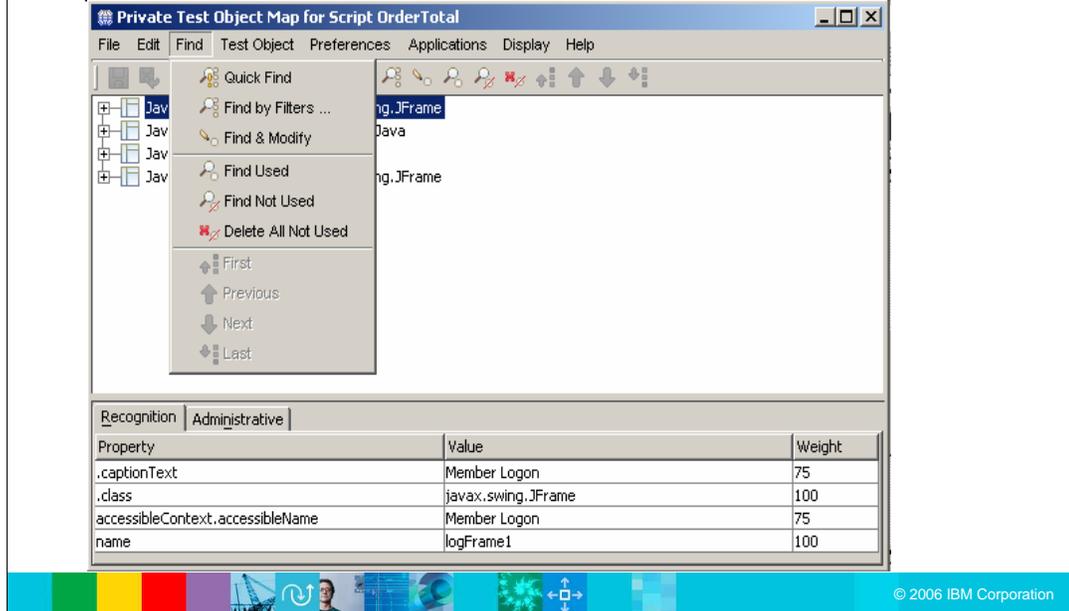
Functional Tester allows you to use Quick Find to locate objects in the object map. You can also create and use Filters to more efficiently find objects in an object map, and find and modify objects in the object map using Quick Find or Filters.
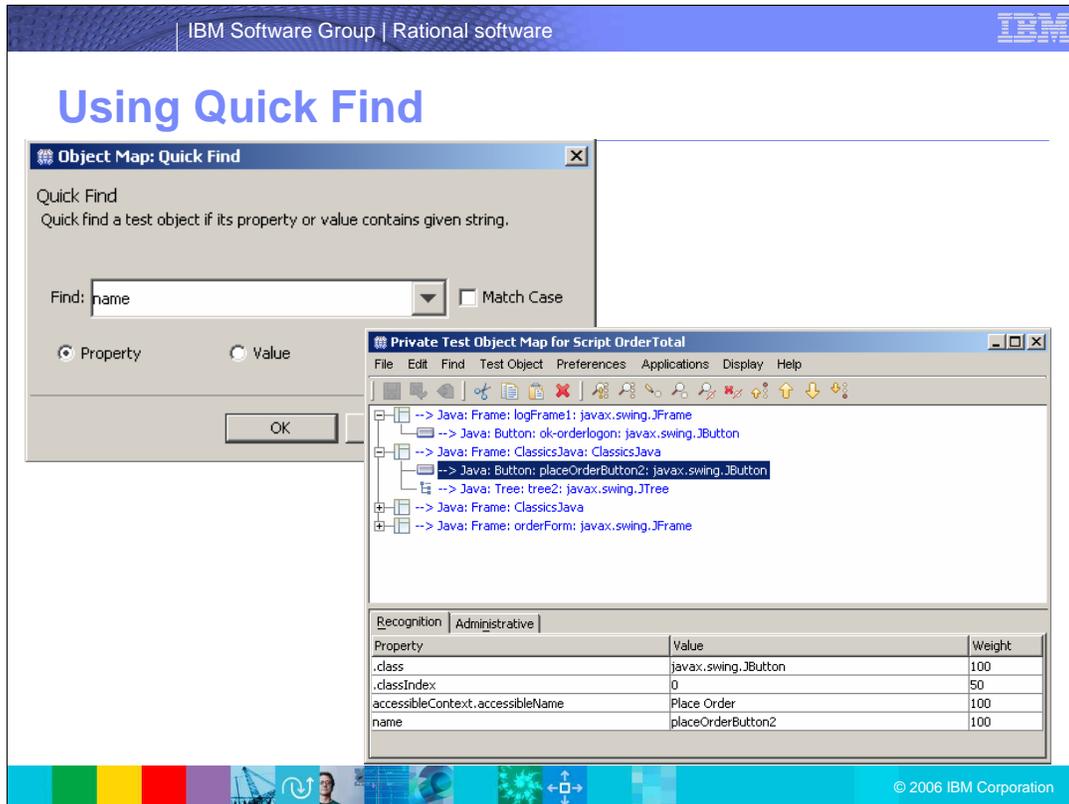
Use the Quick Find dialog box to locate the object in the object map. The results are highlighted here.

In the Quick Find dialog box, choose a string from the drop down list. Specify whether the string is part of the object property or value or either.

# Using filters

- You can create filters to help you refine your searches. For example, you can create a filter that searches based on combinations of strings. Or, you can create filters that eliminates sub-sets of objects based on the search criteria.

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Rational Functional Tester filters help you refine your searches; it gives you a list of the objects that qualify the conditions in the filter.

Finding and modifying objects using a filter
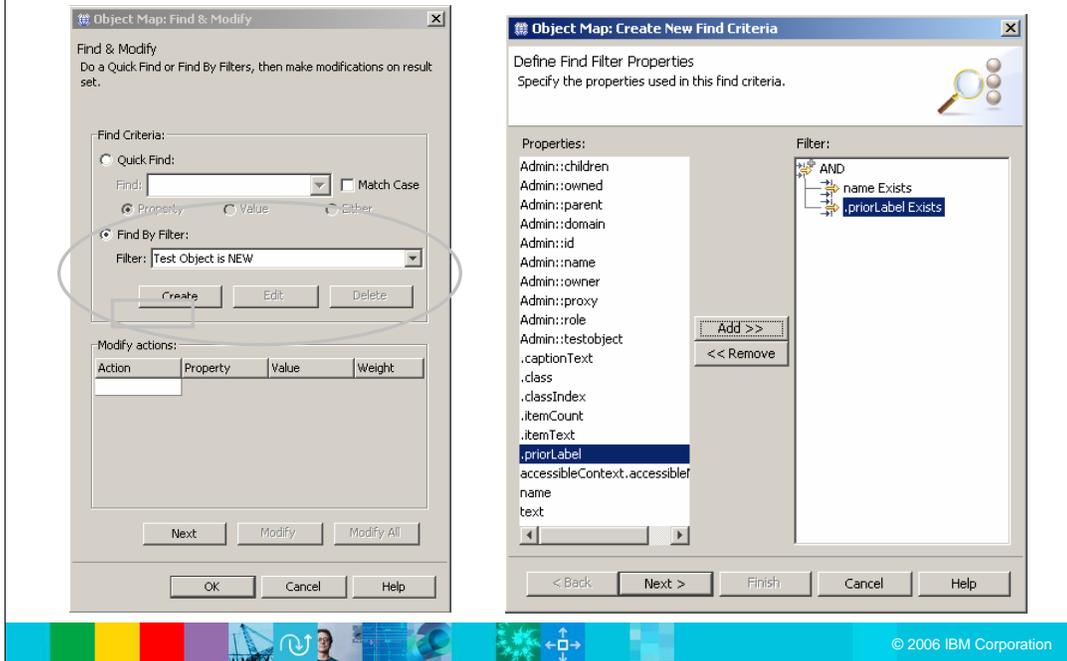
Select a filter from the drop down list or click **Create** to create a new filter.  You can then specify the properties used in the Find criteria.  Use the Add/Remove buttons to modify the filter.

### Finding and modifying objects using a filter (cont.)

Specify the modifications you want to make on this window, then click **Modify** or **Modify All** to make the change.

# Objectives

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students put the materials
into context.

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architecture course!

- The following topics are covered in this section:

  – Reusing test assets in a new Functional Test project

- Upon completion of this section, you will be able to:

  – Export test assets from an existing Functional Test project

  – Import existing test assets into a Functional Test project

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When reusing test assets in Rational Functional Tester, you will be able to export test assets from an existing Functional Test project, and import existing test assets into a Functional Test project.

# Reusing test assets

- Functional Tester allows you to reuse test assets that you create in one Functional Test project in other Functional Test projects.

- Test assets that you can reuse include: test scripts, test logs, and test datapools

- Instances when you might want to reuse test assets:
  - When you create a project to test a new version/release of a product and can reuse test scripts created to test the previous version/release

Functional Tester allows you to reuse test assets that you create in one Functional Test project in other Functional Test projects. Test assets that you can reuse include: test scripts, test logs, and test datapools. There are instances when you might want to reuse test assets, such as when you create a project to test a new version or release of a product and can reuse test scripts created to test the previous version or release.
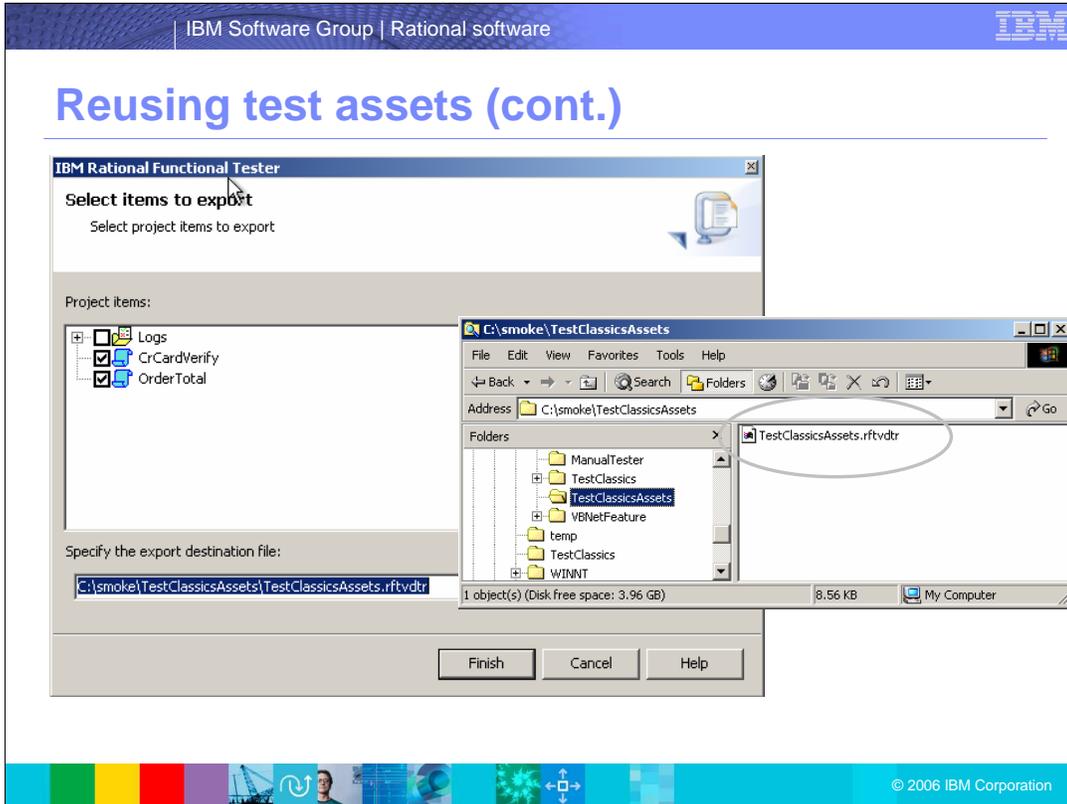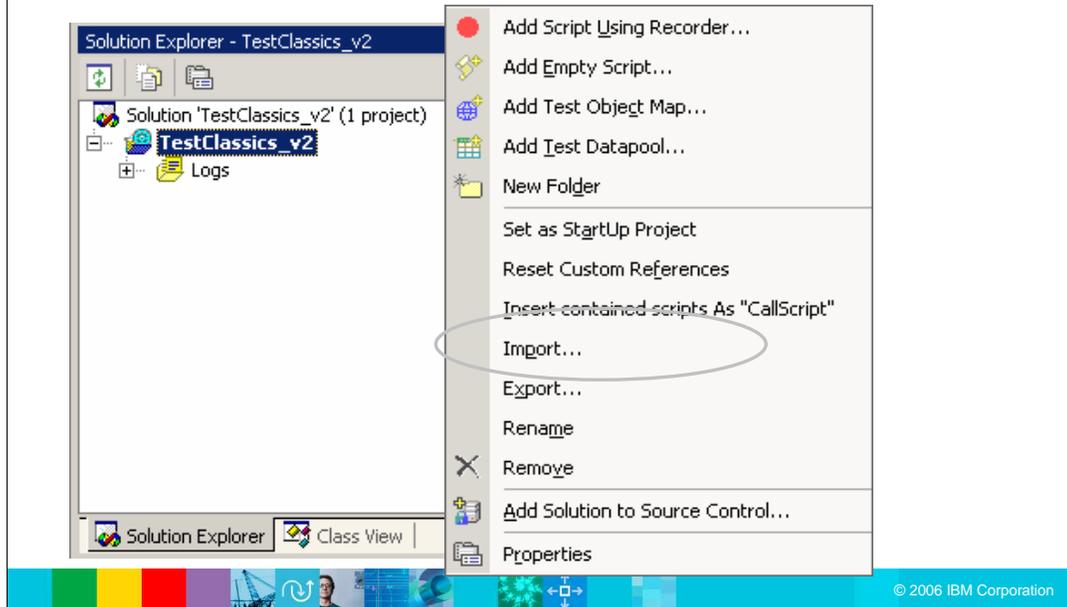
Reusing test assets (cont.)
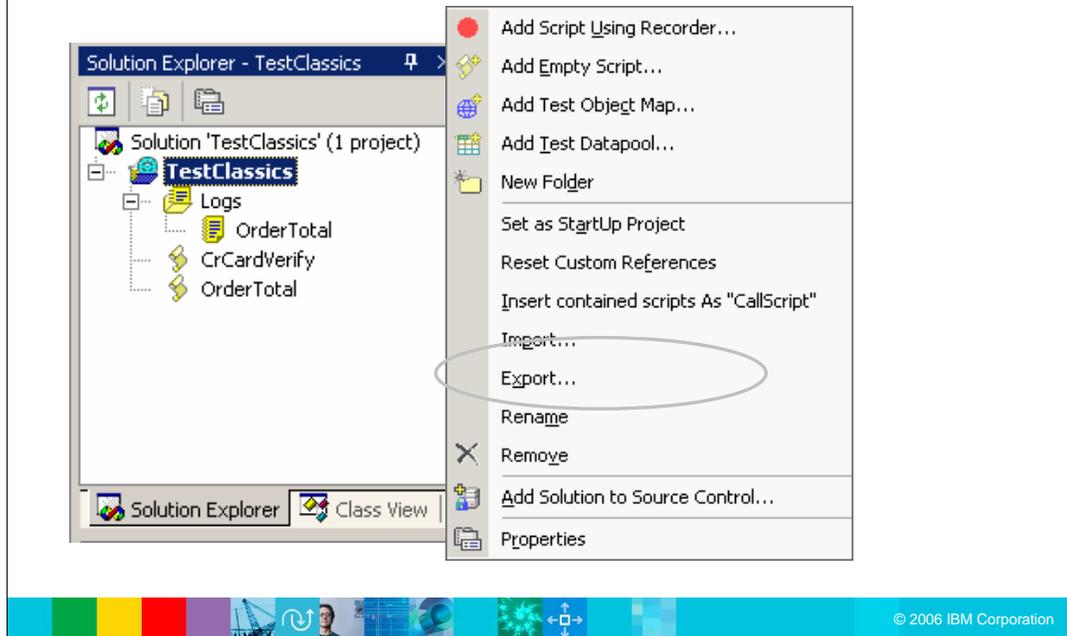
To reuse assets, you must first export them from the project in which they were created, and then import them into the new project. To export assets, right-click the project in Solution Explorer, and then click **Export** on the context menu.

Choose the items to export, and specify a location to store them. The selected items are stored as an .rftvdtr file.

# Reusing test assets (cont.)

Solution Explorer - TestClassics_v2

Solution 'TestClassics_v2' (1 project)
- TestClassics_v2
  - Logs

Solution Explorer | Class View

Add Script Using Recorder...
Add Empty Script...
Add Test Object Map...
Add Test Datapool...
New Folder

Set as StartUp Project
Reset Custom References
Insert contained scripts As "CallScript"
Import...
Export...
Rename
Remove
Add Solution to Source Control...
Properties

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Once a project is exported, you can then import the assets into a new project as shown here. To import assets, right-click the new project in Solution Explorer, and then click **Import** on the context menu.
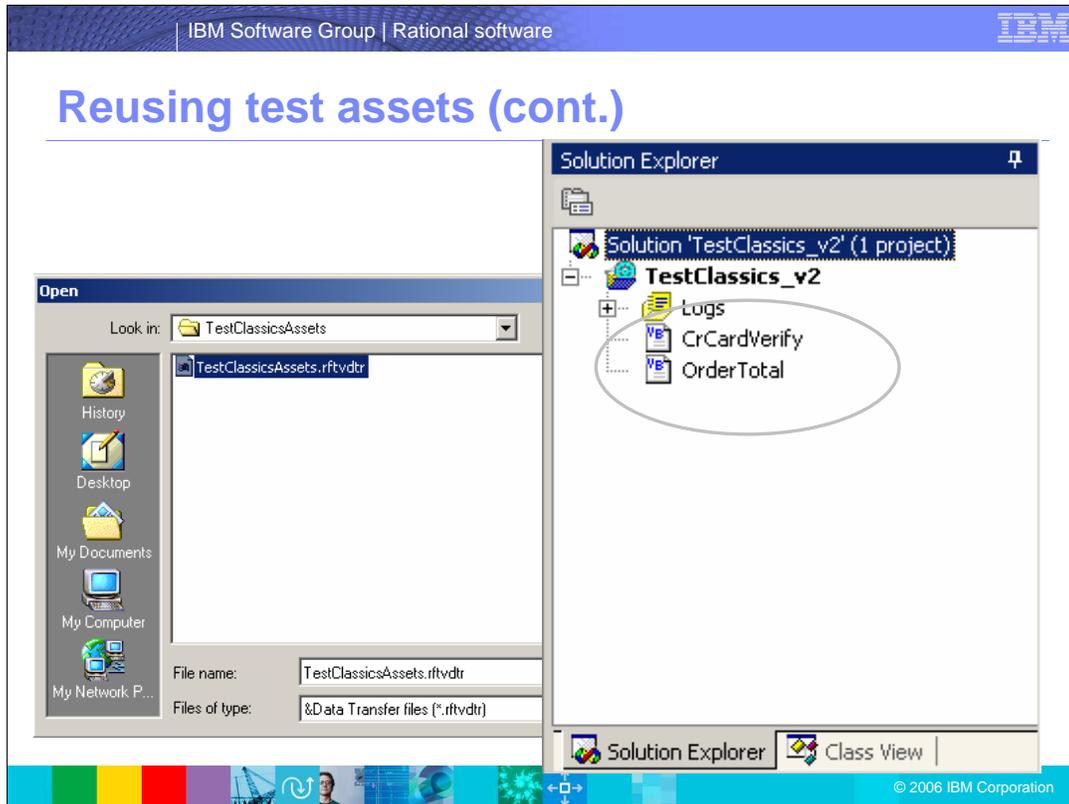
Browse to select the .rftvdtr file that contains the assets. The assets are imported into the new project and appear in the Solution Explorer as shown here.

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