

## Module 3 – Lab-Working with Projects

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## Exercise 1 – Creating New Projects in a Workspace

### Introduction

It is useful to create additional projects in a workspace when you want to break large source deliveries down into subsystems, either to partition work into more manageable units or to perform separate analysis exercises on partial subsets of sources.

When breaking a system down into separate workspaces and projects, it is important to first understand the relationships between the two containers. When a workspace has multiple projects, objects in one project can still recognize objects in another project. Therefore, some relationships and workspace-wide features will still apply across all projects in a workspace. However, relationships do not exist across different workspaces. One workspace is completely independent of another workspace. In addition, you can only work with one workspace at a time within Enterprise Analyzer. Understanding these relationships can be crucial to the proper management and partitioning of an application portfolio in Enterprise Analyzer.

Also, only verified files have the object relationships defined that enable you to include referenced or referencing objects in a project to ensure a closed system. You can include all referencing objects or only “directly referencing” objects. If program A calls program B and program B calls program C, then program A is said to directly reference B and indirectly reference C. You can also remove unused support objects.

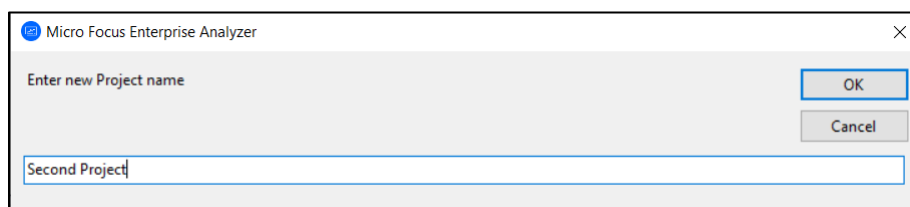
To create a new project in a workspace, perform the following steps:

1. Click **Project** on the menu, and then select **New Project**.

You will see a screen like the following:

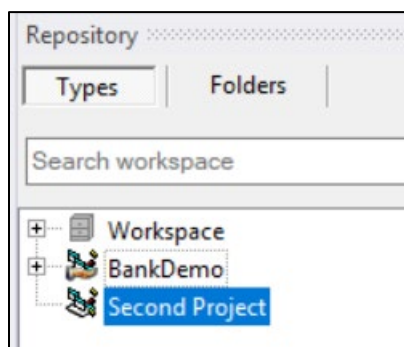
2. In the **Enter New Project Name** text field, type **Second Project**.

The project name must be unique within the workspace, so it is preferable to include a user id or change the request number as part of the project name.



3. Click **OK**.

You will see the new project appear in the Repository pane.

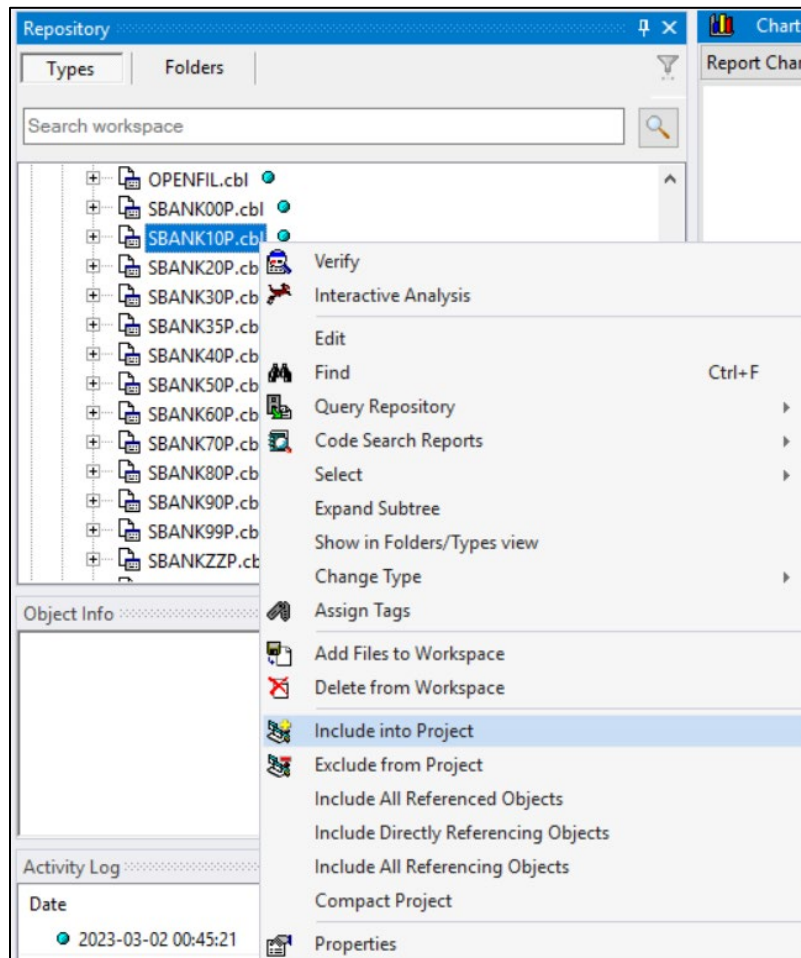


## Exercise 2 – Copying Sources between Projects

When you want to analyze subsystems separately or partition a large system into smaller, more manageable units, it is helpful to copy sources between two projects in the same workspace.

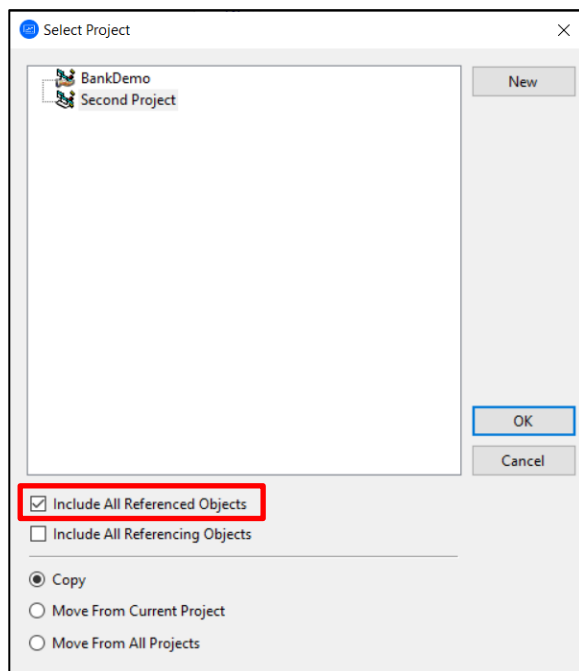
To copy the contents of a project, perform the following steps:

1. In the Repository pane, right-click the COBOL file `SBANK10P.cbl` from the `BankDemo` project and select **Include Into Project**.



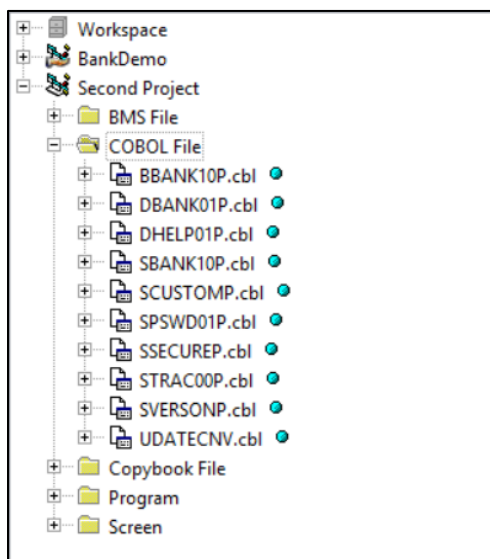
2. In the **Select Project** dialog box, select the **Include All Referenced Objects** check box and ensure that the **Copy** option is selected.

This ensures that all legacy files associated with SBANK10P are imported along with the COBOL file.



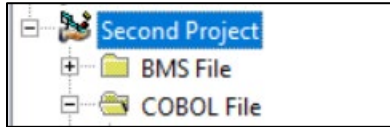
**NOTE:** **Copy** does not create a separate instance of the object; instead, it creates a “link” to the object. Changes made to a file in one project will also be made in the other project. Move will remove the object from the first project. **Include All Referenced Objects** will also include all “child” objects related to the selected object.

In this example, **Copybooks** and **BMS maps** associated with SBANK10P and referenced programs are also copied over to the new project.



3. Click **Project → Toggle Sharing**.

The Toggle Sharing option enables the newly created Project to be viewable by other users accessing the Workspace. You will see a hand icon to denote that the project is now being shared.



4. Press **F5** to refresh the Repository browser.
5. To disable project sharing, select **Project → Toggle Sharing**.

**NOTE:** If you select **Toggle Protection**, it prevents anyone (including yourself) from changing the contents of a project (including or excluding objects). It also prevents you from accidentally deleting your project (since you must first unprotect it).

## Exercise 3 – Deleting a Project from a Workspace

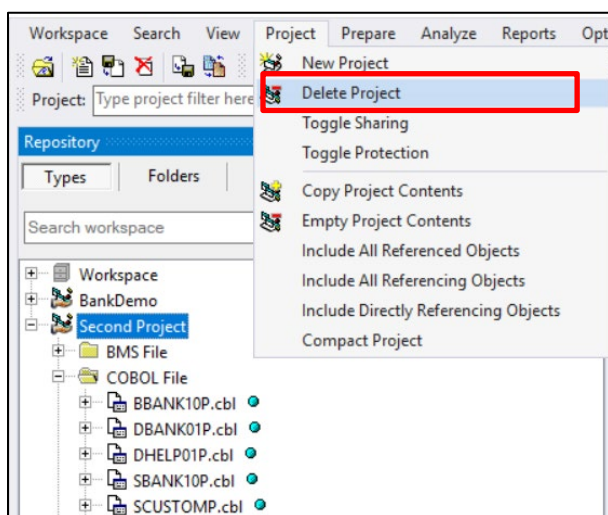
A project can be removed from the workspace while preserving the legacy objects in the repository. If two projects contain the same legacy source file and one of the projects is deleted, the source file is not removed from the workspace but rather “unlinked” from the deleted project. It may be desirable to remove a project to reduce clutter in the workspace.

To remove a project from a workspace, perform the following steps:

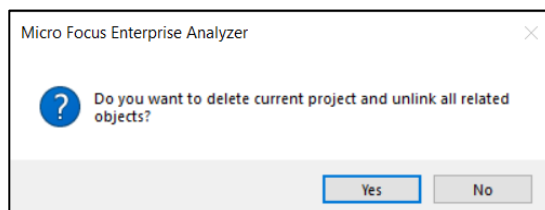
1. In the Repository pane, select **Second Project**.

**NOTE:** The **Delete Project** operation is applied to the active project, so make sure the correct project is selected.

2. From the **Project** menu, select **Delete Project**.



3. Click **Yes** when you are prompted to delete the current project.



The objects in the deleted project will not be deleted from the workspace. They are “unlinked.” The objects will remain in the workspace and in any other projects in which they are located.

## Exercise 4 – Case Summary

Explore the other items available under the **Project** menu item in the toolbar. Notice how the choices vary depending on the object selected.

To create a new project that is going to be used in the upcoming exercises, perform the following steps:

1. Create a project that you will use in all upcoming exercises.
2. Name the project using your user ID.
3. Copy the contents of the `BankDemo` project into the new project and protect it.
4. Include all **Referenced Objects** (every object referenced by the objects in the project, including indirectly referenced objects).
5. Include all **Referencing Objects** (every object that references the objects in the project, including indirectly referencing objects).
6. Include **Directly Referencing Objects** (include every object that directly references the objects in the project).
7. Copy objects into the project using drag and drop.
8. Compact the project.  
This removes unused support objects from a project and keeps them in the workspace.
9. Copy the project's contents.
10. Empty the project contents, but do not empty the `BankDemo` Project that you originally set up.

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