

EXPORT AND IMPORT CASES



Original Software



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BERTIE 4

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SYNOPSIS

There are many different types of cases offered within TestBench for IBM i. For example, there may be Data Cases where effort went into defining all the data files and their relationships, or there may be many Test Cases spanning across many Projects. In the scenario where all these cases need to be duplicated to another system or to another TestBench library, TestBench offers commands to accomplish this task. These commands will save time, as the alternative is to save/restore to another system/library and then change all the system references to reference the new system. The purpose of this article is to show the user how to easily export and import cases within TestBench for IBM i.



EXPORT CASES (TBEXPORT)

From an IBM i command line, enter in your TestBench product library, such as TB_7P0 and then forward slash followed by the TBEXPORT command: **TB_7P0/TBEXPORT** Prompt with the F4 key to display the following screen:

```

Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . _____ Character value
Case Type . . . . . *ALL _____ *ALL, *DATACASE, *TESTCASE...
Case Name . . . . . _____
Source Library . . . . . TB_6P0 _____ Character value
Export Library . . . . . _____ Character value
Copy Script . . . . . *NONE _____ *NONE, *GREEN, *GOLD, *ALL
Script Name . . . . . _____
Data Option . . . . . *ADD _____ *ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
    
```

From the TBEXPORT command there are several parameters. For the Project parameter, the user can enter either a specific project name or *ALL.

```

Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST _____ Character value
Case Type . . . . . *ALL _____ *ALL, *DATACASE, *TESTCASE...
Case Name . . . . . _____
Source Library . . . . . TB_6P0 _____ Character value
Export Library . . . . . _____ Character value
Copy Script . . . . . *NONE _____ *NONE, *GREEN, *GOLD, *ALL
Script Name . . . . . _____
Data Option . . . . . *ADD _____ *ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
    
```

For the Case Type parameter, you can prompt with F4 to see the available values.

```
Specify Value for Parameter CASETYPE

Type choice, press Enter.

Case Type . . . . . *ALL

*ALL
*DATACASE
*TESTCASE
*COMPCASE
*WARPCASE
*STRESCASE
*ACTIONMAP
*INTEGRITY

F3=Exit  F5=Refresh  F12=Cancel  F13=How to use this display  F24=More keys
```

For example, if you want to export only Data Cases, simply specify *DATACASE.

NOTE: If you want to obtain all related AFDs (Alternative File Definitions) that relate to the different cases, then specify *ALL for the Case Type.

```
Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST
Case Type . . . . . *ALL
Case Name . . . . .
Source Library . . . . . TB_6P0
Export Library . . . . .
Copy Script . . . . . *NONE
Script Name . . . . .
Data Option . . . . . *ADD

Character value
*ALL, *DATACASE, *TESTCASE...

Character value
Character value
*NONE, *GREEN, *GOLD, *ALL

*ADD, *REPLACE

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

For the Case Name, enter either a specific name or leave blank for all cases for the case type that was entered previously.

```
Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST
Case Type . . . . . *ALL
Case Name . . . . .
Source Library . . . . . TB_6PO
Export Library . . . . .
Copy Script . . . . . *NONE
Script Name . . . . .
Data Option . . . . . *ADD

Character value
*ALL, *DATACASE, *TESTCASE...

Character value
Character value
*NONE, *GREEN, *GOLD, *ALL

*ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

For the Source Library, specify your TestBench library where you want to extract the data. NOTE: It is currently TB_7PO for recent versions of TestBench.

```
Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST
Case Type . . . . . *ALL
Case Name . . . . .
Source Library . . . . . TB_7PO
Export Library . . . . .
Copy Script . . . . . *NONE
Script Name . . . . .
Data Option . . . . . *ADD

Character value
*ALL, *DATACASE, *TESTCASE...

Character value
Character value
*NONE, *GREEN, *GOLD, *ALL

*ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

Next, ensure you have a temporary library available to contain the exported data. For example, TESTEXPORT

```

Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST
Case Type . . . . . *ALL
Case Name . . . . .
Source Library . . . . . TB_7PO
Export Library . . . . . TESTEXPORT
Copy Script . . . . . *NONE
Script Name . . . . .
Data Option . . . . . *ADD

Character value
*ALL, *DATACASE, *TESTCASE...

Character value
Character value
*NONE, *GREEN, *GOLD, *ALL

*ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
    
```

The Copy Script and the Script Name are for the legacy Record & Playback which has been superseded by TestDrive (test automation). Simply leave the default values.

The Data Option of *ADD will add additional cases to the exported library. Duplicates will be rejected as there are unique keys on the files for Projects and Case Names.

The Data Option of *REPLACE will clear out the data contents in the temporary Export Library prior to exporting the data based on your criteria defined in the parameters.

```

Export Case Definitions (TBEXPORT)

Type choices, press Enter.

Project . . . . . TEST
Case Type . . . . . *ALL
Case Name . . . . .
Source Library . . . . . TB_7PO
Export Library . . . . . TESTEXPORT
Copy Script . . . . . *NONE
Script Name . . . . .
Data Option . . . . . *REPLACE

Character value
*ALL, *DATACASE, *TESTCASE...

Character value
Character value
*NONE, *GREEN, *GOLD, *ALL

*ADD, *REPLACE

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
    
```

Once you have completed the parameters, simply press Enter for the data to be exported to the Export Library.

NOTE: If you receive a message stating “You do not have authority to copy TestBench files”, ensure you have a user profile/group profile that has Object Management authority to the files in the TestBench library (TB_7PO). Please contact your IBM i System Administrator.


```
Import Case Definitions (TBIMPORT)

Type choices, press Enter.

Import From Library . . . . . TESTEXPORT Character value
Target Library . . . . . TB_7P0 Character value
Data Option . . . . . *ADD, *REPLACE

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display Bottom
F24=More keys
```

For the Data Option, specify *ADD if you wish to add additional projects and cases to the existing data within the target library of TestBench.

Or, specify *REPLACE to replace the existing data contents within the Target Library with the new data.

NOTE: You may want to consider making a backup of your Target Library prior to proceeding with the TBIMPORT command.

Once you press enter from the Import Case Definitions (TBIMPORT) screen, the data will be imported from the Import From Library to the Target Library.

To complete the task, simply review the Project(s) and Case(s) in the target library of TestBench.