

AASHTOWare BrD/BrR 6.8

Library Tutorial

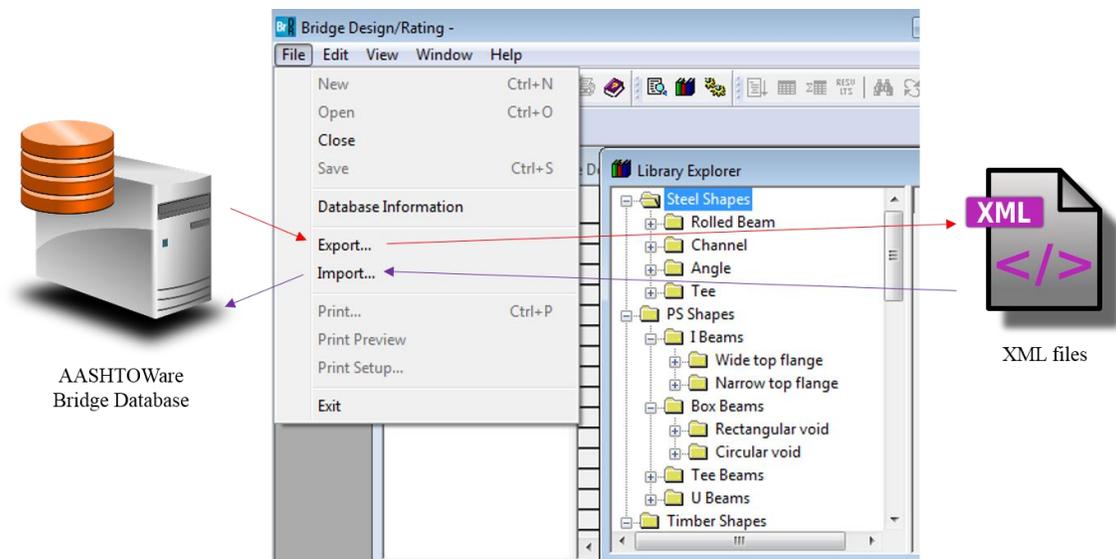
LIB2 – Library Export/Import Example

Library Export/Import

What is it?

Library Export/Import is a feature in the Library Explorer to exchange library items between AASHTOWare Bridge databases.

- Library Export allows user to export selected library items in a AASHTOWare Bridge database to an XML file.
- Library Import allows user to import selected library items in that XML file to a different AASHTOWare Bridge database.



Why to use it?

The ability to exchange library data enforces the requirements of modeling a bridge with the same components or performing rating with the same customized vehicle. This eliminates the risk of manually creating the same library item in different AASHTOWare Bridge databases.

When to use it?

- When you want to transfer customized library items to a different AASHTOWare Bridge database so you can model a bridge with the same components.
- When you want to recreate customized library items in an integrated AASHTOWare database (BrR/BrD/BrM) that is created by adding BrR/BrD database schema and system data to a BrM database. (AASHTOWare Bridge Startup Guide Section 9.3 and 9.4)

Who can use it?

The export and import features are available to user that has the proper access privileges granted in Libraries and Library Import. Without the proper privileges, the Export and Import items in the File menu will be grayed out.

- For export, user needs to have Read privilege of Libraries.
- For import, user needs to have Write and Create privileges in both Libraries and Library Import.

Configuration Browser

- Users
- Access Privileges
 - Access rights
 - Bridge Administration
 - Bridge check-out
 - Bridge description
 - Bridge Description Custom Agency Field Labels
 - Bridge Exchange
 - Bridge list
 - Bridge Locking and Unlocking
 - BrM Rating Events
 - BrM Rating Vehicles
 - Configuration
 - Default Profile Settings
 - Design events
 - General Preferences
 - Libraries
 - Library Import
 - Link to BrM Bridges
 - Load Rating Tool
 - Log events
 - Parameters
 - Private Analysis Setting Template Administration
 - Private Analysis Setting Templates
 - Private Bridge Folders
 - Private Folder Administration
 - Public Analysis Setting Templates
 - Public Bridge Folders
 - Rating events
 - System Data Export/Import
 - System Defaults
 - User Profile Settings
 - User-owned library entries
- Project
 - Parameters
 - System Defaults

Access Privileges (Libraries)

Privilege: Libraries
Remarks: The user is allowed to alter Libraries data.

Group	Read	Write	Create	Delete
Administrators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rating Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Routing Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Access Privileges (Library Import)

Privilege: Library Import
Remarks: The user is allowed to import Library data.

Group	Read	Write	Create	Delete
Administrators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rating Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Routing Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Export Privilege

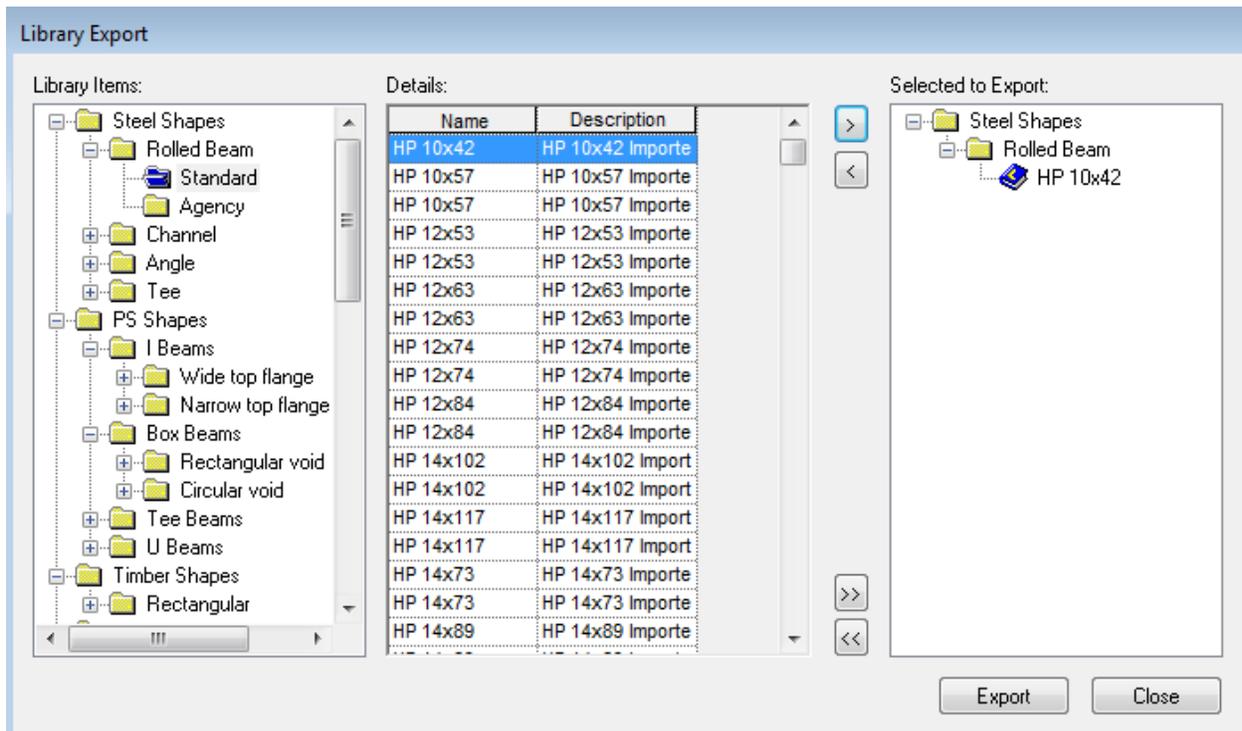
Import Privilege

How to use it?

Both the export and import windows are displayed by opening the Library Explorer and selecting from the File menu. Both windows allow you to pick and choose the available library items.

To safeguard your existing library data, import will check for duplicates to prevent overwriting customized data. All imported library items will be located in their respective Agency folders.

Library Export

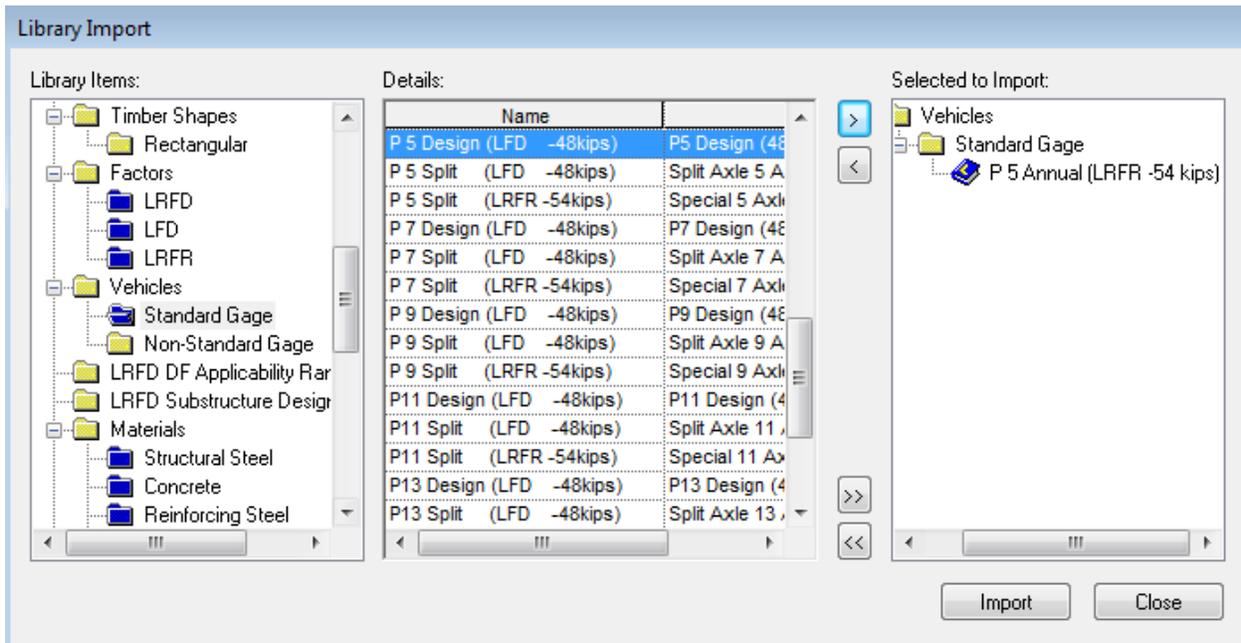


- **Library Items:**
Displays a tree that includes each of the library folders in the Library Explorer. Blue folders in this tree indicate that the folder contains data that can be exported.
- **Details:**
Displays a list of the names and descriptions of the data items in the currently selected library folder in the Library Items tree.
- 
Select this button to add the data items currently selected in the Details list to the list of items Selected to Export.

LIB2 – Library Export/Import Example

-  Select this button to remove the data items currently selected in the Selected to Export list.
-  Select this button to add all of the data items in all of the library folders to the list of items Selected to Export.
-  Select this button to remove all of the data items in the Selected to Export list.
- Selected to Export:
Displays the data items that have been selected for export.

Library Import



- Library Items:
Displays a tree that includes each of the library folders in the Library Explorer. Blue folders in this tree indicate that the folder contains data that can be imported.
- Details:
Displays a list of the names and descriptions of the data items in the currently selected library folder in the Library Items tree.

LIB2 – Library Export/Import Example

-  Select this button to add the data items currently selected in the Details list to the list of items Selected to Import.
-  Select this button to remove the data items currently selected in the Selected to Import list.
-  Select this button to add all of the data items in all of the library folders to the list of items Selected to Import.
-  Select this button to remove all of the data items in the Selected to Import list.
- Selected to Import:
Displays the data items that have been selected for import.