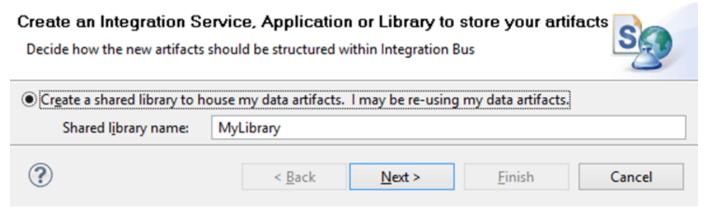# Use Cases (12)

- Use Cases:

    - 12a) Choose an appropriate Message Model Library type (Static or Shared) based upon Deployment Strategy and Change Control Strategy i.e. not based on an IIB product limitation [IIB v10 only]

- Additional context:

    - The choice between creating a Static Library or Shared Library for housing Message Model artefacts, or any other artefacts for that matter, should be a philosophical choice based upon code / artefact management strategies

    - User's should not be forced to use one or the other for certain tasks, unless there is good reason (backed by supplied guidance notes / documentation)

        - Certainly, the justification for using Shared Libraries should not be based upon a limitation within just one of the Message Model discovery wizards alone!

    - Static Libraries must be used with IIB version 9 since the concept of Shared Libraries was introduced in IIB version 10

RS

Issues (12)

- The "Quick Start > Start from WSDL and/or XSD files…" wizard, which overcomes a number of issues / limitations with the other "New > Message Model" wizards when working with XSDs in IIB version 9 has been unnecessarily locked-down in IIB version 10 to force users to select "Shared Library" Projects / containers when loading message definition files into a Library

Create an Integration Service, Application or Library to store your artifacts

Decide how the new artifacts should be structured within Integration Bus

⦿ Create a shared library to house my data artifacts. I may be re-using my data artifacts.

Shared library name: MyLibrary

| ? | | < _B_ack | _N_ext > | _F_inish | Cancel |

- Static Libraries – clearly work and are strategic (they are not deprecated)

  - Within IIB version 9, Static Libraries are the only Library option

  - Within IIB version 10, Static Libraries can be used if generating Message Models using other import methods (albeit we've explored the other issues with those import methods already)

Issues (12)

- Additional issue factors:

    - The decision as to whether to utilise Shared vs. Static Libraries across an integration platform is a strategic one and it would be nonsensical to decide based purely on the limitation of a single wizard

    - PMR support on this issue has been weak and misleading

        - But the Support group are limited as to how much they help – there seems to be fundamental Product Architecture and consistency issues here

        - PMR 71483,001,866 – IBM suggested that the decision to lock down the "Quick Start" wizard is a strategic one in order to encourage the usage of Shared Libraries

        - Clearly, the "Quick Start" wizard is one of multiple methods to setup a Library containing a Message Model so it is inconsistent to lockdown one method and not others

        - Having unnecessary limitations imposed on an area of product functionality, which is suffering so many issues, workarounds, and inconsistencies already is not helpful for users

RS

Workarounds (12)

- IIB version 10 only: Use the "Quick Start" wizard to generate an **undesired Shared Library** from an XSD package

    - **Manually edit** (hack) the resultant ".project" file to convert the generated Shared Library into a Static Library

    - Refresh the Library Project within the toolkit and the respective Library Descriptor file should be refactored to reflect the change from a Shared Library to a Static Library

    - Note: Ordinarily, the ".project" file is application-maintained and users should not need to edit this file directly