

BCS_Bridge – Bridge access to Server Services

Revision history

2017-03-22	Robin Lamacraft	Original draft
2018-04-04	John Lucas	Edits
2018-06-20	Rod Thompson	Revise REQUIRED SERVICES - Dependencies

SCOPE

In the HRE Integrated-Server configuration where the Server is within the same computer, this module must be used to access and receive replies to requests associated with the Server Modules, especially the database. NOTE: When the HRE-Separated Server configuration is used, and the server is another computer, the Server Connection module may be used (see CC_ServerConnection.docx). This module replaces the head of the Server module with an in-line permanent link between the Client and the HRE database. This can only access the HRE database via the API of the Direct Request Module.

ACTIONS (a subset of Server Connection module):

It uses the Direct Request module APIs to:

1. Make requests to update the database
2. Make requests to retrieve data from the database.

NOTE: This bridge has a single request queue manager and is strictly first-in first out.

USED BY

Any module that interacts with the Server in the HRE Integrated Server configuration.

AUXILARY DATA USED

Unknown.

REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies	Higher-Order Dependencies
10.02 SS_DirectRequest	11.01 DBA_DatabaseValidateRequest	11.02 DBA_DatabaseMapRequest
	07.16 BR_MessagePatterns	07.02 BR_EntityLink
		07.01 BR_EncodedString
		07.11 BR_Logging
		Call Stack
		07.24 BR_Setting
		GUI Translation
07.16 BR_MessagePatterns		

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.

WARNING CONDITIONS

1. Need details of the condition that raised the warning, example message and possible next steps. (Use BR_MessagePatterns to report conditions)

ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps. (Use BR_MessagePatterns to report conditions)