

CC_ServerConnection – Client access to Server Services

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SCOPE

In the HRE Separated-Server configuration, this module must be used to access and receive replies to requests associated with the Server. In the interim when the Server is within the same computer the Client Server Bridge module may be used (see BCS_Bridge.docx). This module establishes connection with Server via a Local or Wide-area Network (such as the internet).

ACTIONS

It negotiates with the server to:

1. Connect with the Server
2. Query the Server Status
3. Make requests to update the database
4. Make requests to retrieve data from the database
5. Perform large database intensive processes
6. Transmit files in both directions between the Client and Server. The file transfers should be background FTP asynchronous transfers with progress messages via the shorter multi-queue packet services. It is the API of this module that must be used for all Server services. The Client Server Bridge module has a subset of the Server Connection Module API.

USED BY

Any module that needs to interact with the Server.

AUXILARY DATA USED

Unknown.

REQUIRED SERVICES

Unkown.

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.

ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps.