SS_DirectRequest – Direct Request

Revision history

2017-04-05	Robin Lamacraft	Original draft
2018-04-03	John Lucas	Added BR_Notification entries

SCOPE

There are several pathways within the server. This module controls the dispatch of different kinds of tasks. In the initial implementation of HRE only a few of these will be provided but this module is placed here to enable other pathways to be added without later changing the architecture to accommodate them later. A short list of these services is:

1. Database requests (early implementation)
2. Administrator database maintenance tasks (early implementation)
3. Batch copying of files from a client to the server as part of a common repository of files, like images for all users to share
4. Batch creation of complex reports, by uploading the report script and executing it within the server, saving a lot of remote database accesses
5. Batch downloading of lengthy report files to a client
6. Database maintenance tasks that may have to be scheduled when the database is not in use
7. Broadcasting messages to the users of this server
8. Broadcasting messages to users of this project
9. Conducting message interchanges between uses of the same project.

ACTIONS:

1. Send standard database requests to DBA_ValidateRequest, and return output or status to SH_Queues
2. [Other actions to be defined once other capabilities are available]

USED BY

SH_Queues.

AUXILARY DATA USED

Unknown.

REQUIRED SERVICES

1. **DBA_ValidateRequest**
2. **BR_Notification**

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_Notification to alert the user.)

ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps. (Use BR_Notification to alert the user.)