

The function submits a request to the SDRAM server for a line read

The SDRAM server checks the length of the line to be read. If the length of the line exceeds the length of the row, the server splits the read into multiple reads based in the requirement.

The SDRAM server calls the function read\_row for every read

The function read\_row is target specific and should be configured based on the target used

The function allows the user to start the read from any row and any column offset

The function is of non-blocking nature - i.e. The function returns once the request is submitted to the server. The server processes and keeps the data ready. The application can read the data which is ready when required