LTEmC HTTP Custom Request Flow

# Expected Request

* Base Request (though Host: or 1st two lines)
* Headers Collection
* Content-Length: (for BGx, must be final header, but can be padded left or right)
* Blank-Line
* Post Data/Content

# LTEmC Sequence

|  |  |
| --- | --- |
| http\_createRequest() | Creates a base request ready for appending headers |
| http\_addCommonHdrs()  http\_addBasicAuthHdr()  http\_addCustomHdr() | Specified by bit-map, add typical common HTTP headers  Add basic authentication header  Add custom header defined by application |
| http\_addPostData() | POST Request Only   * Closes header section of request by adding a Content-Length header with a placeholder value of length = 0. * Add a blank line to separate headers/body data * Appends passed in post data (as body content)   **Can be called repeatedly to build up body.** |
|  |  |
| http\_getCustomRequest() | * Invokes request to BGx module |
| http\_postCustomRequest() | * Finalizes Content-Length header * Invokes request to BGx module |