The Base64 Library version 1.0

Introduction:

The Base64 Library provides base-256 to 64 and base-64 to 256 conversion.

Exported functions:

The **Base64_Encode** function converts data from base-256 to the null terminated base-64 string:

UINT Base64_Encode(
    [IN]   **BYTE**   *pbDataRadix256*
    [IN]   **UINT**   *dwDataLen*
    [OUT] **BYTE**   *pbDataRadix64*
);

Parameters:
pbDataRadix256
    The address of the data to be base-64 encoded.
dwDataLen
    The number of bytes of data to be encoded.
pbDataRadix64
    Points to the buffer to receive the base-64 string.

Return Value:
If the function succeeds, the return value is the length of the base-64 string, in bytes, not including the terminating null character. If the function fails, the return value is zero.

UINT Base64_Decode(
    [IN]   **BYTE**   *pbDataRadix64*
    [OUT] **BYTE**   *pbDataRadix256*
);

Parameters:
pbDataRadix64
    Pointer to a null-terminated base-64 string.
pbDataRadix256
    Points to the buffer to receive the base-256 data.

Return Value:
If the function succeeds, the return value is the number of bytes received.
If the function fails, the return value is zero.

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