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*****
**
// FILE:      zarLocal.c
// PROJECT:   zarLib - ver 1.00 -
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//*****
****/
// Headers:
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <assert.h>
#include "zarLocal.h"
//*****
**
// Globals:
extern const ZAR_INIT* g_pzarInit;
//*****
**
// freeInitData()
//*****
**
// verifyArgs()
int processArgs(_pcstr* ppArgs, ZAR_TASK* pzTask)
{
    int i, j;
    // Zero data:
    memset(pzTask, 0, sizeof(ZAR_TASK));

    //-----//
    // Printing:
    //-----//

    // Should we print help?
    if (ppArgs[1] == NULL || (0 == strcmp(ppArgs[1], "?") || (0 == strcmp(
ppArgs[1], "-?"))
    {
        zarPrintHelp();
        return 0;
    }

    // Print the header:
    zarPrintHeader();

    //-----//
    // Extract switches and commands:
    //-----//

    // Get commands:
    for (j=0; j<g_pzarInit->nNumCommands; j++)
    {
        // Search through the given commands and try to find a match:
        if (0 == strcmp(g_pzarInit->pCommands[j].szCmdArg, ppArgs[1]))
        {
            // Add the command:
            pzTask->dwCommand |= (1 << j);    // 2*j
            break;
        }
    }
}

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// Did we find any valid commands:
if (pzTask->dwCommand == 0)
    return zarError(ERR_ARGS_WRONG_PARAMETER, ppArgs[1]);

// Get switches:
for (i=2; ppArgs[i]!=NULL; i++)
{
    // Is this a switch?
    if (ppArgs[i][0] == '-')
    {
        // Go through all compression switches:
        for (j=0; j<g_pzarInit->nNumComSwitch; j++)
        {
            // Try to find a switch:
            if (0 == strcmp(g_pzarInit->pComSwitch[j].szSwit
chArg, ppArgs[i] + 1))
            {
                // Add the switch:
                pzTask->dwCompressSwitch |= (1 << j);
                break;
            }
        }
        // Go through all general switches:
        for (j=0; j<g_pzarInit->nNumGenSwitch; j++)
        {
            // Try to find a switch:
            if (0 == strcmp(g_pzarInit->pGenSwitch[j].szSwit
chArg, ppArgs[i] + 1))
            {
                // Add the switch:
                pzTask->dwGeneralSwitch |= (1 << j);
                break;
            }
        }
        // Then it must be a path:
        else
        {
            // Is it the source-path?
            if (pzTask->szSrc[0] == 0)
                strcpy(pzTask->szSrc, ppArgs[i]);
            else
            if (pzTask->szDst[0] == 0)
                strcpy(pzTask->szDst, ppArgs[i]);
            else
                return zarError(ERR_ARGS_WRONG_PARAMETER, ppArgs
[i]);
        }
    }

    // Did we find any source files?
    if (pzTask->szSrc[0] == 0)
        return zarError(ERR_ARGS_NO_SOURCE_FILE, NULL);

    return 1;
}

```