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0000 1: ;-----
0000 2: ;
0000 3: ;      Copyright 2006 Intergraded Logic Systems
0000 4: ;      Source Code is Copyright Stephen J. Car
0000 5: ;
0000 6: ;
0000 7: ;      Please do not share this source!
0000 8: ;-----
0000 9: ;      unarc file utility for real.dos v1.0)
0000 10: ;
0000 11: ;-----
0000 12: ;      Real.dos unarc.com
0000 13: ;      This program is to replace
0000 14: ;      unarc.com
0000 15: ;Super Unarc Source Code! Written By Robert Puff
0000 16: ;
0000 17: ;
0000 18: ;      Disassembly
0000 19: ; By Stephen J. Carden 1991
0000 20: ;
0000 21: ;      4-11-92
0000 22: ;      Code History.  updated design, November 5, 200
0000 23: ;      added some tings to the intro
0000 24: ;
0000 25: ;
0000 26: ;
0000 27: ;
0000 28: ;
0000 29: ;      ~~~~~
0000 30: ;-----
0000 31: ; Notes: o This source code MAY NOT be placed for download
0000 32: ;      o "mea" is a macro that loads the address of the
0000 33: ;      into the pointer specified by the second field.
0000 34: ;-----
0000 35: ; Assembler: MADMAC (tm) ST Cross Assembler (Atari Corp)
0000 36: ;      XASM st and IBM VERSIONS
0000 37: ;-----
0000 38: ;
0000 39: com_file_name:      .macro
0000 40: ;      dc.b 12,"filename.ext",$9b
0000 41: ;      dc.b 12,"UnArc.com ", $9b
0000 42: ;      .endm
0000 43: ;
0000 44: ;
0000 45: ;~~~~~
0000 46: ; File revision history. Version Number in hex
0000 47: ;
0000 48: file_ver:      equ $26
0000 49: ;~~~~~
0000 50: ; the Month in dec for the first time this revision
0000 51: ;was compiled
0000 52: ;
0000 53: c_month:      equ 5

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0000 54: ;~~~~~
0000 55: ; the day in dec for the first time this revision
0000 56: ;was compiled
0000 57: c_day:          equ 30
0000 58: ;~~~~~
0000 59: ; the year in dec for the first time this revision
0000 60: ;was compiled
0000 61: c_year:          equ 2010
0000 62: ;~~~~~
0000 63: ; Type of compiler used in program
0000 64: ;
0000 65: ; 0 = unknown Compiler
0000 66: ; 1 = xasm
0000 67: ; 2 = mac_65
0000 68: ; 3 = basic
0000 69: ; 4 = compiled basic xl
0000 70: ; 5 = C65
0000 71: ; 6 = Action
0000 72: ;
0000 73: ; We can add more as time goes on!
0000 74: ;
0000 75: ;
0000 76: ;
0000 77: xasm:           equ 1
0000 78: mac_65:         equ 2
0000 79: basic:          equ 3
0000 80: basicxl:        equ 4
0000 81: c65:           equ 5
0000 82: action:         equ 6
0000 83:
0000 84: file_compiler:  equ xasm
0000 85: ;~~~~~
0000 86: ; is this relocatable code ?
0000 87: ; anyother value other than 1 or 2 would be unknown
0000 88: r..yes:         equ 1
0000 89: r..no:          equ 2
0000 90: ;
0000 91: ;~~~~~
0000 92: ; Gotta define if it can be relocated
0000 93: l_relocatable:  equ r..no
0000 94: ;
0000 95: ;
0000 96: ;~~~~~
0000 97: ; Gotta define if it can be relocated
0000 98: r..crl:         equ $7d
0000 99: r..crlf:        equ $9b
0000 100: r..space:       equ $20
0000 101:
0000 102: l_frstscreenbyte: equ r..space
0000 103: ;~~~~~
0000 104: ; The language the output file is in.
0000 105: ;
0000 106: ;

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0000 107: ; 0 = Undefined
0000 108: ; 1 = English
0000 109: ; 2 = German
0000 110: ;
0000 111: r..language: equ 1
0000 112: ;~~~~~
0000 113: ;
0000 114: ; System Equates
0000 115: ;-----
0000 116: DISK0: equ $00
0000 117: KBD: equ $30
0000 118: MODEM: equ $50
0000 119: ;
0000 120: ;-----
0000 121: SCREEN_ON: equ $BB
0000 122: CW_QUERY: equ $B1
0000 123: TD_STAMP: equ $CD
0000 124: PASSWORD: equ $CE
0000 125: OVER_WRITE: equ $CC
0000 126: DISK_SWAP: equ $BC
0000 127: SPARTADOS?: equ $CF
0000 128: IN_BATCH: equ $C8
0000 129: HOLDSTACK: equ $CB
0000 130: V_ARC: equ $BA
0000 131: GOT_PW: equ $D1
0000 132: ;
0000 133: ;
0000 134: ;
0000 135: ;
0000 136: ;
0000 137: ;-----Buffers-----
0000 138: BEGIN: equ $3000
0000 139: r5153: equ $3000
0000 140: r5253: equ BEGIN+256
0000 141: R52D9: equ r5253+134
0000 142: R5353: equ R52D9+122
0000 143: R5453: equ R5353+256
0000 144: r_hi_mem: equ R5453+19373
0000 145: ;-----end of buffers-----
0000 146:
0000 147:
0000 148:
0000 149:
0000 150:
0000 151:
0000 152:
0000 153: .include equates
0000 154: .include globals
0000 155: .include macros
0000 156:
0000 157: .org $4000
0000 158:
0000 159: win_start:

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4000      160: header_info:
4000      161:          .include    header      ; t
42a7      162:
42a7 a03f  163:          ldy    #LBUF
42a9 b10a  164: .a:          lda    (comtab),y
42ab c920  165:          cmp    #' '
42ad f01f  166:          beq    .gotspacechar
42af c99b  167:          cmp    #$9b
42b1 f012  168:          beq    .noparmerror
42b3      169:
42b3 c8     170:          iny
42b4 a906  171:          lda    #consol_start
42b6 cd1fd0 172:          cmp    consol
42b9 f00d  173:          beq    .tellfilehistory
42bb a907  174:          lda    #consol_any
42bd cd1fd0 175:          cmp    consol
42c0 d009  176:          bne    .abort
42c2 4ca942 177:          jmp    .a
42c5      178:
42c5 4c8d43 179: .noparmerror:  jmp    noparmerror
42c8 4cfb44 180: .tellfilehistory: jmp    my_file_notice
42cb 4cd142 181: .abort:      jmp    peek.a.byte.abort
42ce      182:
42ce      183:
42ce      184: .gotspacechar:
42ce 4c4f8c 185:          jmp    start_unarc
42d1      186:
42d1      187:
42d1      188: ;~~~~~
42d1      189: ; Aborted the program with a consol key
42d1      190: ;
42d1      191: ;~~~~~
42d1      192: peek.a.byte.abort:
42d1 20da49 193:          jsr    printsi
42d4 9b9b  194:          dc.b   $9b,$9b
42d6 20     195:          dc.b   " "
42d7 919292 196:          dc.b   <+128>,"
42f9 9b     197:          dc.b   $9B
42fa 20     198:          dc.b   " "
42fb fca0a0 199:          dc.b   <+128>,"|  UnArc uncompre
431d 9b     200:          dc.b   $9B
431e 20     201:          dc.b   " "
431f fca0d7 202:          dc.b   <+128>,"| Written by: Steph
4341 9b     203:          dc.b   $9B
4342 20     204:          dc.b   " "
4343 fca0a0 205:          dc.b   <+128>,"|      & Robert
4365 9b     206:          dc.b   $9B
4366 20     207:          dc.b   " "
4367 9a9292 208:          dc.b   <+128>,"

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