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.plt:00000000040060B      jmp     sub_4005E0
.plt:000000000400610 ; [00000006 BYTES: COLLAPSED FUNCTION _printf. PRESS CTRL-NUMPAD+ TO EXPAND]
.plt:000000000400616 ; -----
.plt:000000000400616      push     2
.plt:00000000040061B      jmp     sub_4005E0
.plt:000000000400620 ; [00000006 BYTES: COLLAPSED FUNCTION _fgets. PRESS CTRL-NUMPAD+ TO EXPAND]
.plt:000000000400626 ; -----
.plt:000000000400626      push     3
.plt:00000000040062B      jmp     sub_4005E0
.plt:000000000400630 ; [00000006 BYTES: COLLAPSED FUNCTION _strcmp. PRESS CTRL-NUMPAD+ TO EXPAND]
.plt:000000000400636 ; -----
.plt:000000000400636      push     4
.plt:00000000040063B      jmp     sub_4005E0
.plt:000000000400640 ; [00000006 BYTES: COLLAPSED FUNCTION _setvbuf. PRESS CTRL-NUMPAD+ TO EXPAND]
.plt:000000000400646 ; -----
.plt:000000000400646      push     5
.plt:00000000040064B      jmp     sub_4005E0
.plt:000000000400648      _plt     ends
.plt:000000000400648

.text:000000000400650 ; =====
.text:000000000400650
.text:000000000400650 ; Segment type: Pure code
.text:000000000400650 ; Segment permissions: Read/Execute
.text:000000000400650 _text      segment para public 'CODE' use64
.text:000000000400650      assume cs:_text
.text:000000000400650      ;org 400650h
.text:000000000400650      assume es:nothing, ss:nothing, ds:_data, fs:nothing, gs:nothing
.text:000000000400650 ; ===== S U B R O U T I N E =====
.text:000000000400650
.text:000000000400650 ; Attributes: noreturn fuzzy-sp
.text:000000000400650
.text:000000000400650      public _start
.text:000000000400650 _start      proc near      ; DATA XREF: LOAD:000000000400018↑o
.text:000000000400650      xor     ebp, ebp
.text:000000000400652      mov     r9, rdx      ; rtdl_fini
.text:000000000400655      pop     rsi      ; argc
.text:000000000400656      mov     rdx, rsp      ; ubp_av
.text:000000000400659      and     rsp, 0FFFFFFF0h
.text:00000000040065D      push    rax
.text:00000000040065E      push    rsp      ; stack_end
.text:00000000040065F      mov     r8, offset __libc_csu_fini ; fini
.text:000000000400666      mov     rcx, offset __libc_csu_init ; init
.text:00000000040066D      mov     rdi, offset main ; main
.text:000000000400674      call    cs:__libc_start_main_ptr
.text:00000000040067A      hlt
.text:00000000040067A _start      endp
.text:00000000040067A ; -----
.text:00000000040067B      align 20h
.text:000000000400680 ; ===== S U B R O U T I N E =====
.text:000000000400680
.text:000000000400680 ; Attributes: bp-based frame
.text:000000000400680
.text:000000000400680 deregister_tm_clones proc near      ; CODE XREF: __do_global_dtors_aux+D↓p
.text:000000000400680      push    rbp
.text:000000000400681      mov     eax, offset __TMC_END__
.text:000000000400686      cmp     rax, offset __TMC_END__
.text:00000000040068C      mov     rbp, rsp
.text:00000000040068F      jz      short loc_4006A8
.text:000000000400691      mov     eax, 0
.text:000000000400696      test    rax, rax
.text:000000000400699      jz      short loc_4006A8
.text:00000000040069B      pop     rbp
.text:00000000040069C      mov     edi, offset __TMC_END__
.text:0000000004006A1      jmp     rax
.text:0000000004006A1 ; -----
.text:0000000004006A3      align 8
.text:0000000004006A8      loc_4006A8:      ; CODE XREF: deregister_tm_clones+F↑j
.text:0000000004006A8      ; deregister_tm_clones+19↑j
.text:0000000004006A8      pop     rbp
.text:0000000004006A9      retn
.text:0000000004006A9 deregister_tm_clones endp
.text:0000000004006A9 ; -----
.text:0000000004006AA      align 10h
.text:0000000004006B0 ; ===== S U B R O U T I N E =====
.text:0000000004006B0
.text:0000000004006B0 ; Attributes: bp-based frame
.text:0000000004006B0
.text:0000000004006B0 register_tm_clones proc near      ; CODE XREF: frame_dummy+5↓j
.text:0000000004006B0      mov     esi, offset __TMC_END__
.text:0000000004006B5      push    rbp
.text:0000000004006B6      sub     rsi, offset __TMC_END__
.text:0000000004006BD      mov     rbp, rsp
.text:0000000004006C0      sar     rsi, 3
.text:0000000004006C4      mov     rax, rsi

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.text:0000000004006C7      shr     rax, 3Fh
.text:0000000004006CB      add     rsi, rax
.text:0000000004006CE      sar     rsi, 1
.text:0000000004006D1      jz      short loc_4006E8
.text:0000000004006D3      mov     eax, 0
.text:0000000004006D8      test    rax, rax
.text:0000000004006DB      jz      short loc_4006E8
.text:0000000004006DD      pop     rbp
.text:0000000004006DE      mov     edi, offset __TMC_END__
.text:0000000004006E3      jmp     rax
.text:0000000004006E3 ; -----
.text:0000000004006E5      align 8
.text:0000000004006E8      loc_4006E8:                                ; CODE XREF: register_tm_clones+21↑j
.text:0000000004006E8                                ; register_tm_clones+2B↑j
.text:0000000004006E8      pop     rbp
.text:0000000004006E9      retn
.text:0000000004006E9      register_tm_clones endp
.text:0000000004006E9 ; -----
.text:0000000004006EA      align 10h
.text:0000000004006F0      ; ===== S U B R O U T I N E =====
.text:0000000004006F0
.text:0000000004006F0      __do_global_dtors_aux proc near            ; DATA XREF: .fini_array: __do_global_dtors_aux_fini_array_entry↓o
.text:0000000004006F0      cmp     cs:completed_6984, 0
.text:0000000004006F7      jnz     short locret_400710
.text:0000000004006F9      push    rbp
.text:0000000004006FA      mov     rbp, rsp
.text:0000000004006FD      call    deregister_tm_clones
.text:000000000400702      mov     cs:completed_6984, 1
.text:000000000400709      pop     rbp
.text:00000000040070A      retn
.text:00000000040070A ; -----
.text:00000000040070B      align 10h
.text:000000000400710      locret_400710:                            ; CODE XREF: __do_global_dtors_aux+7↑j
.text:000000000400710      rep retn
.text:000000000400710      __do_global_dtors_aux endp
.text:000000000400710 ; -----
.text:000000000400712      align 20h
.text:000000000400720      ; ===== S U B R O U T I N E =====
.text:000000000400720      ; Attributes: bp-based frame
.text:000000000400720
.text:000000000400720      frame_dummy proc near                    ; DATA XREF: .init_array: __frame_dummy_init_array_entry↓o
.text:000000000400720      push    rbp
.text:000000000400721      mov     rbp, rsp
.text:000000000400724      pop     rbp
.text:000000000400725      jmp     short register_tm_clones
.text:000000000400725      frame_dummy endp
.text:000000000400725
.text:000000000400727      ; ===== S U B R O U T I N E =====
.text:000000000400727      ; Attributes: bp-based frame
.text:000000000400727
.text:000000000400727      public echo
.text:000000000400727      echo proc near                          ; CODE XREF: main+6E↓p
.text:000000000400727
.text:000000000400727      var_118 = qword ptr -118h
.text:000000000400727      s = byte ptr -110h
.text:000000000400727      var_8 = qword ptr -8
.text:000000000400727
.text:000000000400727      push    rbp
.text:000000000400728      mov     rbp, rsp
.text:00000000040072B      sub     rsp, 120h
.text:000000000400732      mov     rax, fs:28h
.text:00000000040073B      mov     [rbp+var_8], rax
.text:00000000040073F      xor     eax, eax
.text:000000000400741      mov     edi, offset s ; "200 OK ECHO (v0.2)"
.text:000000000400746      call    _puts
.text:000000000400748      loc_400748:                                ; CODE XREF: echo+7C↓j
.text:000000000400748      mov     rdx, cs:stdin@@GLIBC_2_2_5 ; stream
.text:000000000400752      lea     rax, [rbp+s]
.text:000000000400759      mov     esi, 100h ; n
.text:00000000040075E      mov     rdi, rax ; s
.text:000000000400761      call    _fgets
.text:000000000400766      mov     [rbp+var_118], rax
.text:00000000040076D      cmp     [rbp+var_118], 0
.text:000000000400775      jz      short loc_4007A5
.text:000000000400777      lea     rax, [rbp+s]
.text:00000000040077E      mov     rdi, rax ; format
.text:000000000400781      mov     eax, 0
.text:000000000400786      call    _printf
.text:00000000040078B      lea     rax, [rbp+s]

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.text:000000000400792      mov     esi, offset s2 ; "quit\n"
.text:000000000400797      mov     rdi, rax      ; s1
.text:00000000040079A      call    _strcmp
.text:00000000040079F      test    eax, eax
.text:0000000004007A1      jz       short loc_4007A8
.text:0000000004007A3      jmp      short loc_40074B
.text:0000000004007A5 ; -----
.text:0000000004007A5      nop
.text:0000000004007A5      ; CODE XREF: echo+4E↑j
.text:0000000004007A6      jmp      short loc_4007A9
.text:0000000004007A8 ; -----
.text:0000000004007A8      nop
.text:0000000004007A8      ; CODE XREF: echo+7A↑j
.text:0000000004007A9      nop
.text:0000000004007A9      ; CODE XREF: echo+7F↑j
.text:0000000004007AA      mov     rax, [rbp+var_8]
.text:0000000004007AE      xor     rax, fs:28h
.text:0000000004007B7      jz       short locret_4007BE
.text:0000000004007B9      call    ___stack_chk_fail
.text:0000000004007BE      nop
.text:0000000004007BE      ; CODE XREF: echo+90↑j
.text:0000000004007BE      leave
.text:0000000004007BF      retn
.text:0000000004007BF      echo
.text:0000000004007BF      endp
.text:0000000004007C0
.text:0000000004007C0 ; ===== S U B R O U T I N E =====
.text:0000000004007C0 ; Attributes: bp-based frame
.text:0000000004007C0 ; int __cdecl main(int argc, const char **argv, const char **envp)
.text:0000000004007C0      public main
.text:0000000004007C0      main      proc near
.text:0000000004007C0      ; DATA XREF: _start+1D↑o
.text:0000000004007C0      var_10    = qword ptr -10h
.text:0000000004007C0      var_4     = dword ptr -4
.text:0000000004007C0      push     rbp
.text:0000000004007C0      mov     rbp, rsp
.text:0000000004007C1      sub      rsp, 10h
.text:0000000004007C4      mov     [rbp+var_4], edi
.text:0000000004007C8      mov     [rbp+var_10], rsi
.text:0000000004007CF      mov     rax, cs:stdin@@GLIBC_2_2_5
.text:0000000004007D6      mov     ecx, 0 ; n
.text:0000000004007DB      mov     edx, 2 ; modes
.text:0000000004007E0      mov     esi, 0 ; buf
.text:0000000004007E5      mov     rdi, rax ; stream
.text:0000000004007E8      call    _setvbuf
.text:0000000004007ED      mov     rax, cs:stdout@@GLIBC_2_2_5
.text:0000000004007F4      mov     ecx, 0 ; n
.text:0000000004007F9      mov     edx, 2 ; modes
.text:0000000004007FE      mov     esi, 0 ; buf
.text:000000000400803      mov     rdi, rax ; stream
.text:000000000400806      call    _setvbuf
.text:00000000040080B      mov     rax, cs:stderr@@GLIBC_2_2_5
.text:000000000400812      mov     ecx, 0 ; n
.text:000000000400817      mov     edx, 2 ; modes
.text:00000000040081C      mov     esi, 0 ; buf
.text:000000000400821      mov     rdi, rax ; stream
.text:000000000400824      call    _setvbuf
.text:000000000400829      mov     eax, 0
.text:00000000040082E      call    echo
.text:000000000400833      mov     eax, 0
.text:000000000400838      leave
.text:000000000400839      retn
.text:000000000400839      main      endp
.text:000000000400839 ; -----
.text:00000000040083A      align 20h
.text:000000000400840
.text:000000000400840 ; ===== S U B R O U T I N E =====
.text:000000000400840
.text:000000000400840 ; void _libc_csu_init(void)
.text:000000000400840      public __libc_csu_init
.text:000000000400840      __libc_csu_init proc near
.text:000000000400840      ; DATA XREF: _start+16↑o
.text:000000000400840      push     r15
.text:000000000400842      push     r14
.text:000000000400844      mov     r15, rdx
.text:000000000400847      push     r13
.text:000000000400849      push     r12
.text:00000000040084B      lea     r12, __frame_dummy_init_array_entry
.text:000000000400852      push     rbp
.text:000000000400853      lea     rbp, __do_global_dtors_aux_fini_array_entry
.text:00000000040085A      push     rbx
.text:00000000040085B      mov     r13d, edi
.text:00000000040085E      mov     r14, rsi

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.text:000000000400861      sub     rbp, r12
.text:000000000400864      sub     rsp, 8
.text:000000000400868      sar     rbp, 3
.text:00000000040086C      call    _init_proc
.text:000000000400871      test    rbp, rbp
.text:000000000400874      jz      short loc_400896
.text:000000000400876      xor     ebx, ebx
.text:000000000400878      nop     dword ptr [rax+rax+00000000h]
.text:000000000400880      loc_400880:                                ; CODE XREF: __libc_csu_init+54↓j
.text:000000000400880      mov     rdx, r15
.text:000000000400883      mov     rsi, r14
.text:000000000400886      mov     edi, r13d
.text:000000000400889      call    qword ptr [r12+rbx*8]
.text:00000000040088D      add     rbx, 1
.text:000000000400891      cmp     rbp, rbx
.text:000000000400894      jnz     short loc_400880
.text:000000000400896      loc_400896:                                ; CODE XREF: __libc_csu_init+34↑j
.text:000000000400896      add     rsp, 8
.text:00000000040089A      pop     rbx
.text:00000000040089B      pop     rbp
.text:00000000040089C      pop     r12
.text:00000000040089E      pop     r13
.text:0000000004008A0      pop     r14
.text:0000000004008A2      pop     r15
.text:0000000004008A4      retn
.text:0000000004008A4      __libc_csu_init endp
.text:0000000004008A4      ; -----
.text:0000000004008A5      align 10h
.text:0000000004008B0      ; ===== S U B R O U T I N E =====
.text:0000000004008B0      ; void _libc_csu_fini(void)
.text:0000000004008B0      public _libc_csu_fini
.text:0000000004008B0      _libc_csu_fini proc near                    ; DATA XREF: _start+F1o
.text:0000000004008B0      rep     retn
.text:0000000004008B0      _libc_csu_fini endp
.text:0000000004008B0      _text ends
.text:0000000004008B0      LOAD:0000000004008B2 ; =====
LOAD:0000000004008B2 ; Segment type: Pure code
LOAD:0000000004008B2 ; Segment permissions: Read/Execute
LOAD:0000000004008B2 LOAD segment byte public 'CODE' use64
LOAD:0000000004008B2 assume cs:LOAD
LOAD:0000000004008B2 ;org 4008B2h
LOAD:0000000004008B2 assume es:nothing, ss:nothing, ds:_data, fs:nothing, gs:nothing
LOAD:0000000004008B2 align 4
LOAD:0000000004008B2 LOAD ends
LOAD:0000000004008B2
.fini:0000000004008B4 ; =====
.fini:0000000004008B4 ; Segment type: Pure code
.fini:0000000004008B4 ; Segment permissions: Read/Execute
.fini:0000000004008B4 _fini segment dword public 'CODE' use64
.fini:0000000004008B4 assume cs:_fini
.fini:0000000004008B4 ;org 4008B4h
.fini:0000000004008B4 assume es:nothing, ss:nothing, ds:_data, fs:nothing, gs:nothing
.fini:0000000004008B4 ; ===== S U B R O U T I N E =====
.fini:0000000004008B4
.fini:0000000004008B4 public _term_proc
.fini:0000000004008B4 _term_proc proc near
.fini:0000000004008B4 sub     rsp, 8 ; _fini
.fini:0000000004008B8 add     rsp, 8
.fini:0000000004008BC retn
.fini:0000000004008BC _term_proc endp
.fini:0000000004008BC _fini ends
LOAD:0000000004008BD ; =====
LOAD:0000000004008BD ; Segment type: Pure code
LOAD:0000000004008BD ; Segment permissions: Read/Execute
LOAD:0000000004008BD LOAD segment byte public 'CODE' use64
LOAD:0000000004008BD assume cs:LOAD
LOAD:0000000004008BD ;org 4008BDh
LOAD:0000000004008BD assume es:nothing, ss:nothing, ds:_data, fs:nothing, gs:nothing
LOAD:0000000004008BD align 20h
LOAD:0000000004008BD LOAD ends
LOAD:0000000004008BD
.rodata:0000000004008C0 ; =====
.rodata:0000000004008C0 ; Segment type: Pure data
.rodata:0000000004008C0 ; Segment permissions: Read

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