

myname,bdata是已经初始化的变量, 在\_\_DATA,\_\_data中  
gdata是没有初始化的全局变量, 在\_\_DATA,\_\_bss中  
ldata,dtata会存在于栈上  
Ddata指向堆上的数据  
用到的两个常量字符串在\_\_TEXT,\_\_cstring中

以下无关内容已经删除

addr\_space: file format Mach-O 64-bit x86-64

Disassembly of section \_\_TEXT,\_\_text:

\_\_text:

```

100000e80:    55          pushq    %rbp
100000e81:    48 89 e5          movq    %rsp, %rbp
100000e84:    48 81 ec b0 00 00 00 subq    $176, %rsp
100000e8b:    48 8b 05 6e 01 00 00 movq    366(%rip), %rax
100000e92:    48 8b 00          movq    (%rax), %rax
100000e95:    48 89 45 f8          movq    %rax, -8(%rbp)
100000e99:    bf 10 00 00 00 00 movl    $16, %edi
100000e9e:    e8 89 00 00 00 00 callq   137
<dyld_stub_binder+0x100000f2c>
100000ea3:    48 8d 35 a6 11 00 00 leaq    4518(%rip), %rsi
100000eaa:    48 8d 3d 8f 11 00 00 leaq    4495(%rip), %rdi
100000eb1:    48 8d 8d 70 ff ff ff leaq    -144(%rbp), %rcx
100000eb8:    48 89 85 68 ff ff ff movq    %rax, -152(%rbp)
100000ebf:    4c 8b 85 68 ff ff ff movq    -152(%rbp), %r8
100000ec6:    48 8d 05 af 00 00 00 leaq    175(%rip), %rax
100000ecd:    48 89 bd 60 ff ff ff movq    %rdi, -160(%rbp)
100000ed4:    48 89 c7          movq    %rax, %rdi
100000ed7:    48 8b 95 60 ff ff ff movq    -160(%rbp), %rdx
100000ede:    b0 00          movb    $0, %al
100000ee0:    e8 4d 00 00 00 00 callq   77
<dyld_stub_binder+0x100000f32>
100000ee5:    48 8b bd 68 ff ff ff movq    -152(%rbp), %rdi
100000eec:    89 85 5c ff ff ff  movl    %eax, -164(%rbp)
100000ef2:    e8 2f 00 00 00 00 callq   47
<dyld_stub_binder+0x100000f26>
100000ef7:    48 8b 0d 02 01 00 00 movq    258(%rip), %rcx
100000efe:    48 8b 09          movq    (%rcx), %rcx
100000f01:    48 8b 55 f8          movq    -8(%rbp), %rdx
100000f05:    48 39 d1          cmpq    %rdx, %rcx
100000f08:    0f 85 0b 00 00 00  jne     11 <_main+0x99>
100000f0e:    31 c0          xorl    %eax, %eax
100000f10:    48 81 c4 b0 00 00 00 addq    $176, %rsp
100000f17:    5d          popq    %rbp
100000f18:    c3          retq
100000f19:    e8 02 00 00 00 00 callq   2
<dyld_stub_binder+0x100000f20>
100000f1e:    0f 0b          ud2

```

\_main:

```

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```

```

100000e8b:    48 8b 05 6e 01 00 00    movq    366(%rip), %rax
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100000e95:    48 89 45 f8            movq    %rax, -8(%rbp)
100000e99:    bf 10 00 00 00        movl    $16, %edi
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100000eb1:    48 8d 8d 70 ff ff ff    leaq    -144(%rbp), %rcx
100000eb8:    48 89 85 68 ff ff ff    movq    %rax, -152(%rbp)
100000ebf:    4c 8b 85 68 ff ff ff    movq    -152(%rbp), %r8
100000ec6:    48 8d 05 af 00 00 00    leaq    175(%rip), %rax
100000ecd:    48 89 bd 60 ff ff ff    movq    %rdi, -160(%rbp)
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100000ee5:    48 8b bd 68 ff ff ff    movq    -152(%rbp), %rdi
100000eec:    89 85 5c ff ff ff      movl    %eax, -164(%rbp)
100000ef2:    e8 2f 00 00 00        callq   47
<dyld_stub_binder+0x100000f26>
100000ef7:    48 8b 0d 02 01 00 00    movq    258(%rip), %rcx
100000efe:    48 8b 09                movq    (%rcx), %rcx
100000f01:    48 8b 55 f8            movq    -8(%rbp), %rdx
100000f05:    48 39 d1                cmpq    %rdx, %rcx
100000f08:    0f 85 0b 00 00 00      jne     11 <_main+0x99>
100000f0e:    31 c0                xorl    %eax, %eax
100000f10:    48 81 c4 b0 00 00 00    addq    $176, %rsp
100000f17:    5d                popq    %rbp
100000f18:    c3                retq
100000f19:    e8 02 00 00 00        callq   2
<dyld_stub_binder+0x100000f20>
100000f1e:    0f 0b                ud2

```

Disassembly of section \_\_TEXT,\_\_cstring:  
\_\_cstring:

Disassembly of section \_\_TEXT,\_\_unwind\_info:  
\_\_unwind\_info:

```

100000fac:    01 00    addl    %eax, (%rax)
100000fae:    00 00    addb    %al, (%rax)
100000fb0:    1c 00    sbbb    $0, %al
100000fb2:    00 00    addb    %al, (%rax)
100000fb4:    00 00    addb    %al, (%rax)
100000fb6:    00 00    addb    %al, (%rax)
100000fb8:    1c 00    sbbb    $0, %al
100000fba:    00 00    addb    %al, (%rax)
100000fbc:    00 00    addb    %al, (%rax)
100000fbe:    00 00    addb    %al, (%rax)
100000fc0:    1c 00    sbbb    $0, %al
100000fc2:    00 00    addb    %al, (%rax)
100000fc4:    02 00    addb    (%rax), %al
100000fc6:    00 00    addb    %al, (%rax)

```

```

100000fc8:      80 0e 00      orb      $0, (%rsi)
100000fcb:      00 34 00      addb     %dh, (%rax,%rax)
100000fce:      00 00      addb     %al, (%rax)
100000fd0:      34 00      xorb     $0, %al
100000fd2:      00 00      addb     %al, (%rax)
100000fd4:      21 0f      andl     %ecx, (%rdi)
100000fd6:      00 00      addb     %al, (%rax)
100000fd8:      00 00      addb     %al, (%rax)
100000fda:      00 00      addb     %al, (%rax)
100000fdc:      34 00      xorb     $0, %al
100000fde:      00 00      addb     %al, (%rax)
100000fe0:      03 00      addl     (%rax), %eax
100000fe2:      00 00      addb     %al, (%rax)
100000fe4:      0c 00      orb      $0, %al
100000fe6:      01 00      addl     %eax, (%rax)
100000fe8:      10 00      adcb     %al, (%rax)
100000fea:      01 00      addl     %eax, (%rax)
100000fec:      00 00      addb     %al, (%rax)
100000fee:      00 00      addb     %al, (%rax)
100000ff0:      00 00      addb     %al, (%rax)
100000ff2:      00 01      addb     %al, (%rcx)

```

Disassembly of section \_\_DATA\_CONST,\_\_got:

\_\_got:

Disassembly of section \_\_DATA,\_\_la\_symbol\_ptr:

\_\_la\_symbol\_ptr:

Disassembly of section \_\_DATA,\_\_data:

\_\_dyld\_private:

\_\_myname:

\_\_bdata:

Disassembly of section \_\_DATA,\_\_common:

\_\_gdata:

...

Contents of section \_\_text:

```

100000e80 554889e5 4881ecb0 00000048 8b056e01 UH..H.....H..n.
100000e90 0000488b 00488945 f8bf1000 0000e889 ..H..H.E.....
100000ea0 00000048 8d35a611 0000488d 3d8f1100 ...H.5....H.=...
100000eb0 00488d8d 70ffffff 48898568 ffffffff4c .H..p...H..h...L
100000ec0 8b8568ff ffff488d 05af0000 004889bd ..h...H.....H..
100000ed0 60ffffff 4889c748 8b9560ff ffffb000 `...H..H..`.....
100000ee0 e84d0000 00488bbd 68ffffff 89855cff .M...H..h.....\
100000ef0 ffffe82f 00000048 8b0d0201 0000488b .../...H.....H.
100000f00 09488b55 f84839d1 0f850b00 000031c0 .H.U.H9.....1.
100000f10 4881c4b0 0000005d c3e80200 00000f0b H.....].....

```

Contents of section \_\_stubs:

```

100000f20 ff25da10 0000ff25 dc100000 ff25de10 .%......%......%..
100000f30 0000ff25 e0100000 ....%.

```

Contents of section \_\_stub\_helper:

```

100000f38 4c8d1de1 10000041 53ff25c1 00000090 L.....AS.%.
100000f48 68000000 00e9e6ff ffff6818 000000e9 h.....h.....

```

```

100000f58 dcffffff 68240000 00e9d2ff ffff6832 .....h$......h2
100000f68 000000e9 c8ffffff .....
Contents of section __cstring:
100000f70 42616f20 59756e67 616e6700 67646174 Bao Yungang.gdat
100000f80 613a2025 6c6c580a 62646174 613a256c a: %llX.bdata:%l
100000f90 6c580a6c 64617461 3a256c6c 780a6464 lX.ldata:%llx.dd
100000fa0 6174613a 256c6c78 0a00 ata:%llx..
Contents of section __unwind_info:
100000fac 01000000 1c000000 00000000 1c000000 .....
100000fbc 00000000 1c000000 02000000 800e0000 .....
100000fcc 34000000 34000000 210f0000 00000000 4...4...!.....
100000fdc 34000000 03000000 0c000100 10000100 4.....
100000fec 00000000 00000001 .....
Contents of section __got:
100001000 00000000 00000000 00000000 00000000 .....
Contents of section __la_symbol_ptr:
100002000 480f0000 01000000 520f0000 01000000 H.....R.....
100002010 5c0f0000 01000000 660f0000 01000000 \.....f.....
Contents of section __data:
100002020 00000000 00000000 00000000 00000000 .....
100002030 700f0000 01000000 00000000 00000000 p.....
100002040 01020304 00000000 00000000 00000000 .....
Contents of section __common:
<skipping contents of bss section at [100002050, 1000020d0)>

```