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1      .section      __TEXT      __TEXT
2      .build_version macos, 1      .macosx_version_min 10,
3      .globl  _main      .p2align      4, 0x9
4      .p2align      4, 0x9      __ZN3stdl0sys_common9backtrace28
5  _main:      .cfi_startproc
6      .cfi_startproc      pushq    %rbp
7      ## %bb.0:      .cfi_def_cfa_offset 16
8      pushq    %rbp      .cfi_offset %rbp, -16
9      .cfi_def_cfa_offset 16      movq    %rsp, %rbp
10     .cfi_offset %rbp, -16      .cfi_def_cfa_register %
11     movq    %rsp, %rbp      callq   *%rdi
12     .cfi_def_cfa_register %      ## InlineAsm Start
13     leaq    L_str(%rip), %      ## InlineAsm End
14     callq   _puts      popq    %rbp
15     xorl    %eax, %eax      retq
16     popq    %rbp      .cfi_endproc
17     retq
18     .cfi_endproc      .private_extern __ZN3s
19     .globl  __ZN3std2rt10l      .globl  __ZN3std2rt10l
20     .section      __TEXT      .p2align      4, 0x9
21  L_str:      __ZN3std2rt10lang_start17hf7f8f4
22     .asciz  "hello, world"      pushq    %rbp
23                                     movq    %rsp, %rbp
24     .subsections_via_symbols      subq    $16, %rsp
25                                     movq    %rdx, %rcx
26                                     movq    %rsi, %rdx
27                                     movq    %rdi, -8(%rbp)
28                                     leaq    l____unnamed_1(
29                                     leaq    -8(%rbp), %rdi
30                                     callq   __ZN3std2rt19l
31                                     addq    $16, %rsp
32                                     popq    %rbp
33                                     retq
34
35                                     .p2align      4, 0x9
36     __ZN3std2rt10lang_start28_$u7b$$      pushq    %rbp
37                                     movq    %rsp, %rbp
38                                     movq    (%rdi), %rdi
39                                     callq   __ZN3stdl0sys_
40                                     xorl    %eax, %eax
41                                     popq    %rbp
42                                     retq
43
44                                     .p2align      4, 0x9
45     __ZN4core3ops8function6FnOnce40c      pushq    %rbp
46                                     movq    %rsp, %rbp
47                                     movq    (%rdi), %rdi
48                                     callq   __ZN3stdl0sys_
49                                     xorl    %eax, %eax
50                                     popq    %rbp
51                                     retq
52
53                                     .p2align      4, 0x9
54     __ZN4core3ptr85drop_in_place$LT$      pushq    %rbp
55                                     movq    %rsp, %rbp
56                                     movq    (%rdi), %rdi
57                                     callq   __ZN3stdl0sys_
58                                     xorl    %eax, %eax
59                                     popq    %rbp
60                                     retq

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57             pushq    %rbp
58             movq     %rsp, %rbp
59             popq     %rbp
60             retq
61
62             .p2align    4, 0x9
63             __ZN8hello_rs4main17hd42546c7afd
64             pushq    %rbp
65             movq     %rsp, %rbp
66             subq     $48, %rsp
67             leaq     1____unnamed_2(
68             movq     %rax, -48(%rbp)
69             movq     $1, -40(%rbp)
70             movq     $0, -32(%rbp)
71             leaq     1____unnamed_3(
72             movq     %rax, -16(%rbp)
73             movq     $0, -8(%rbp)
74             leaq     -48(%rbp), %rd
75             callq    __ZN3std2io5st
76             addq     $48, %rsp
77             popq     %rbp
78             retq
79
80             .globl    _main
81             .p2align    4, 0x9
82             _main:
83             pushq    %rbp
84             movq     %rsp, %rbp
85             subq     $16, %rsp
86             movq     %rsi, %rcx
87             movslq   %edi, %rdx
88             leaq     __ZN8hello_rs4
89             movq     %rax, -8(%rbp)
90             leaq     1____unnamed_1(
91             leaq     -8(%rbp), %rdi
92             callq    __ZN3std2rt19l
93             addq     $16, %rsp
94             popq     %rbp
95             retq
96
97             .section    __DATA
98             .p2align    3
99             1____unnamed_1:
100            .quad     __ZN4core3ptr8
101            .asciz    "\b\000\000\00
102            .quad     __ZN4core3ops8
103            .quad     __ZN3std2rt10l
104            .quad     __ZN3std2rt10l
105
106            .section    __TEXT
107            .p2align    3
108            1____unnamed_3:
109            .byte     0
110
111            1____unnamed_4:
112            .ascii    "hello, world\

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113
114             .section      __DATA
115             .p2align      3
116 1____unnamed_2:
117             .quad 1____unnamed_4
118             .asciz  "\r\000\000\00
119
120             .subsections_via_symbols
```