

Hello world shellcode using stack

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Shellcode:

```
mov    rax,1  
mov    rdi,1
```

```
mov    rsi, Hello_World
```

→ We will use stack to load the “Hello World” string into rsi register

```
mov    rdx,12  
syscall
```

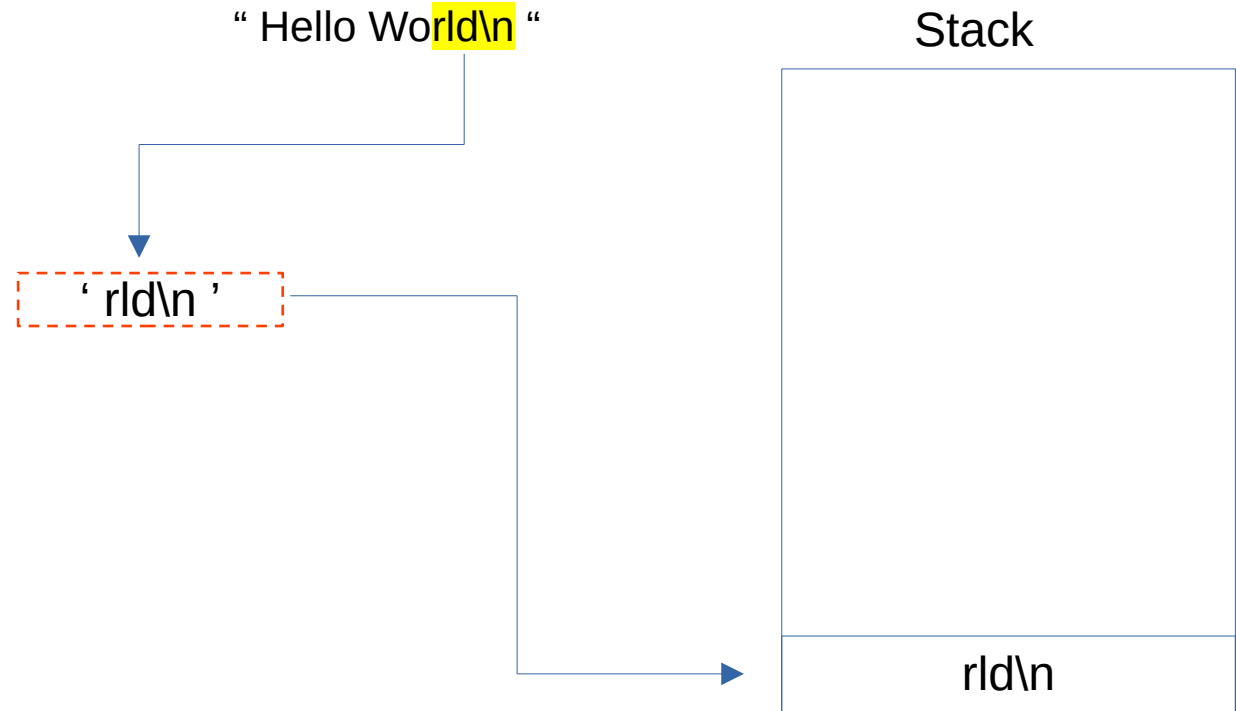
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Shellcode:

```
mov rax,1  
mov rdi,1
```

```
push 0xa646c72
```

```
mov rdx,12  
syscall
```



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Shellcode:

```
mov rax,1  
mov rdi,1
```

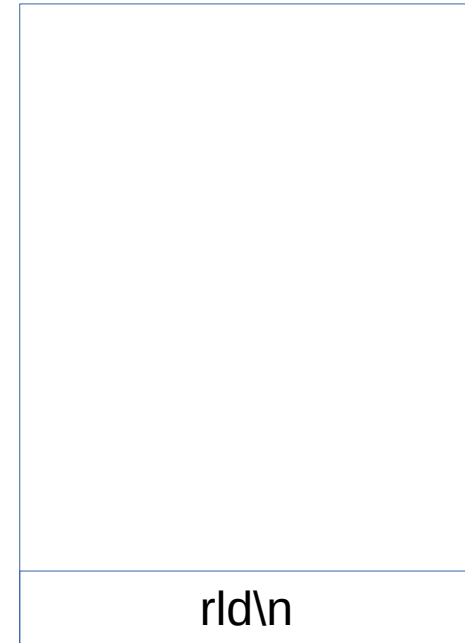
```
push 0xa646c72 'rld\n'
```

```
mov rbx, 0x6f77206f6c6c6548
```

```
mov rdx,12  
syscall
```

“Hello World\n”

Stack



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Shellcode:

```
mov rax,1  
mov rdi,1
```

```
push 0xa646c72 'rld\n'
```

```
mov rbx, 0x6f77206f6c6c6548
```

```
push rbx
```

```
mov rdx,12  
syscall
```

“Hello World\n”

Stack



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Shellcode:

```
mov rax,1  
mov rdi,1
```

```
push 0xa646c72
```

' rld\n '

```
mov rbx, 0x6f77206f6c6c6548
```

```
push rbx
```

```
mov rsi, rsp
```

```
mov rdx,12  
syscall
```

"Hello World\n"

Stack

