

## Fuzzer Coverage

After hours and hours of trying to increase my coverage, I am stuck at 67.57% (i got up to 68.12% but could not duplicate it). Here is a breakdown of the code i did not cover. There are some areas i just do not understand how to do it. Most of these initial cases i am testing for it, but somehow it doesn't cover it, which makes even less sense to me. Obviously, there is an error somewhere in my logic, but how do you not cover int? I don't understand.

\*I am testing for ptr, int, uint, long, uchar, llong, int max and min but the following is not covered.

```
case PTR: arg->p = va_arg(*ap, void *);
case INT: arg->i = va_arg(*ap, int);
case UINT: arg->i = va_arg(*ap, unsigned int);
case LONG: arg->i = va_arg(*ap, long);
case UCHAR: arg->i = (unsigned char)va_arg(*ap, int);
case LLONG: arg->i = va_arg(*ap, long long);
case SIZET: arg->i = va_arg(*ap, size_t);
case IMAX: arg->i = va_arg(*ap, intmax_t);
case UMAX: arg->i = va_arg(*ap, uintmax_t);
case PDIFF: arg->i = va_arg(*ap, ptrdiff_t);
case UIPTR: arg->i = (uintptr_t)va_arg(*ap, void *);
case LDBL: arg->f = va_arg(*ap, long double);
%% (which i tried testing but was getting errors)
```

\*The ones i am just unsure how to cover, and would require more time to figure out and complete.

Padding  
Rounding Precision  
No argument  
strerror  
overflow  
NAN  
Add/Sub char/int