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/*
                                                      :::::::
    ft_printf.c
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    By: dvan-kri <dvan-kri@student.codam.nl>
                                                   +#+
/*
                                                                          * /
                                                 +#+
    Created: 2021/03/14 21:08:31 by dvan-kri
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                                                                          * /
    Updated: 2021/03/21 09:48:09 by dvan-kri
                                                ####### odam.nl
                                                                          * /
#include "includes/ft_printf.h"
#include "libft/libft.h"
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
int printspecs(t_convert conv_specs)
printf("width-digit: _%d_\n", conv_specs.width_digit);
printf("width asterisk (*): _%d_\n", conv_specs.width_asterisk);
printf("precision (.): _%d_\n", conv_specs.precision);
printf("left-justified (-): _%d_\n", conv_specs.minus);
printf("zero-padding (0): _%d_\n", conv\_specs.zero);
printf("conversion-type: _%c_\n", conv_specs.type);
return (0);
}
int init_convspecs(t_convert *conv_specs)
conv_specs->width_asterisk = 0;
conv_specs->width_digit = 0;
conv_specs->precision = 0;
conv_specs->precision_asterisk = 0;
conv_specs->minus = 0;
conv_specs->zero = 0;
conv_specs->type = 'z';
return (0);
}
int ft_convtostring(t_convert conv_specs, va_list ap)
char *string;
string = va_arg(ap, char*);
ft_putstr_fd(string, 1);
return (0);
int check_conversion(char *format, va_list ap, t_convert *conv_specs)
int i;
i = 0;
while (ft_checkflag(&format[i], conv_specs) && i < 2)</pre>
if (ft_checkasterisk(&format[i], conv_specs, ap))
 /* check for digits for the width */
if (ft_checkwidthdigit(&format[i], conv_specs))
 i += ft_strlen(ft_itoa(conv_specs->width_digit));
if (ft_checkprecision(&format[i], conv_specs, ap))
 if (conv_specs->precision)
 i += ft_strlen(ft_itoa(conv_specs->precision));
 else
  i++;
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while (!ft_checktype(&format[i], conv_specs))
 i++;
 if (ft_checktype(&format[i], conv_specs))
 i++;
return (i);
int ft_parse(char *format, va_list ap)
t_convert conv_specs;
int i;
int ret;
init_convspecs(&conv_specs);
// printspecs(conv_specs);
i = 0;
ret = 0;
 while (i < ft_strlen(format))</pre>
 if (format[i] == '%')
 {
  i++;
  i += check_conversion(&format[i], ap, &conv_specs);
  ret += ft_convtostring(conv_specs, ap);
  }
 else
  ft_putchar_fd(format[i], 1);
  i++;
  ret++;
 }
 /* printf("de conversion type: |%c| en i is nu: |%d|\n", conv_specs.type, i); */
// printspecs(conv_specs);
return (ret);
}
int ft_printf(const char *format, ...)
va_list ap;
int written_bytes;
va_start(ap, format);
written_bytes = ft_parse((char *)format, ap);
va_end(ap);
return (written_bytes);
}
```