Cheatography

Rust std::fmt Cheat Sheet

by ambi (ambigious) via cheatography.com/195816/cs/41359/

Uses

```
format !("Hello {}", " Wor ld! "); // Returns a
formatted string from a fmtstr.
let mut vec = vec![""];
// Destin ation (first arg) must &impl mut
io::Write or a &impl mut fmt::Write
write! (&mut vec, " Hello {}", " Wor ld! "); //
Writes a fmtstr
writel n!( &mut vec, " Hello Me!"); // write! but
appends a newline
print! ("Hello {}", " Wor ld! "); // Prints a
fmtstr to stdout
printl n!( " Hello {}", " Wor ld! "); // print! but
appends a newline
eprint !("Hello {}", " Wor ld! "); // Prints a
fmtstr to stderr
eprint ln! ("Hello {}", " Wor ld! "); // eprint!
but appends a newline
format _ar gs! ("Hello {}", " Wor ld! "); //
Returns fmt::A rgu ments, see https: //d oc.r us -
t-l ang.or g/s td/ fmt /#f orm at_args
```

Specifying Arguments

All format macros start with a format string, with the exception of `wri te!` and `writeln!` requiring a additional destination argument. It can contain a number of formats specified below. Positional arguments are specified immediately after, and then named arguments in the `ident = val` format.

Referencing Arguments

`{}`	Next positional argument[1]
`{n}`	n-th positional argument, starting from 0
`{ident}`	"ident" named argument, if nonexistent "ident" variable from the scope
`{{`	Literal `{`
`}}`	Literal `}`

[1] Ex. The second usage of `{}` would be the second positional argument.

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Page 1 of 1.

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