

Rust

$\ln = \text{saut de ligne} = \backslash r$

* Rust is a system programming language, inspired by C, C++

* Rust is for:

- systems programming
- web dev
- online services

* Why Rust?

- Speed
- Safety
- Cargo - manager
- Error Messages
- binding with C
- Threads without data races

* The basic Program:

→ .rb extension

→ fn main()

Fun notation declare a main Fun

→ println!("Hello");

printing str semi-colon

* The basics Formatting:

→ println!("{}", 1)

* Printing style

Macro	Printing style
<code>print!()</code>	Afficher le txt + sans saut ligne
<code>println!()</code>	" " + saut de ligne
<code>eprint!()</code>	
<code>eprintln!()</code>	

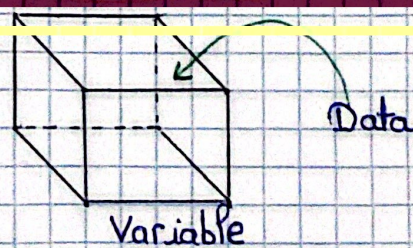
* Comments:

→ //

→ /* */

→ ///

* Variables:



→ Create a var

`let var;`

Identifier var name semicolon

⚠ * lowercase

* no space only (-)

→ Initialize a var

`let var = "Rust";`

→ mutable var

`let mut var = "Rust";`