Rust Cheatsheet

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Cargo

Concept	Command
Create a new project	`$ cargo new <project_name>`
Compile into an executable	`$ cargo build`
Compile into an executable and then run	`$ cargo run`
Check if code will compile, without building an executable	`$ cargo check`
Build for release	`$ cargo build --release`
Update dependencies	`$ cargo update`
Build the documentation for your dependencies	`$ cargo doc --open`

Variables

Concept	Command
Declare immutable variable	`// can only be declared in functions` `let x = 5;`
Declare mutable variable	`// can only be declared in functions` `let mut x = 5;`
Constants	`// can be in functions or global scope` `const x: u32 = 5;`
Shadowing	`let x = 5;` `let x = "hello";`