

# Hack BI VII

[Rust]

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**Get Started :** (What software is required for participants of the workshop)

rustup – cargo, rustc

**Uses:** (How is the topic of your workshop used)

web servers, embedded, parallel programming, wasm, reliable code

**Purpose:** (Why would someone want to attend your workshop)

to learn how to write fast, reliable, and memory-safe software using the rust programming language

**Goal:** (What are you teaching and what do you want attendees to know after your workshop)

how to use the cargo build tool and write idiomatic rust programs

**Topics:** (What are the main topics you will cover in your workshop)

simple cargo commands, basic rust syntax, the borrow checker, functions, structs, mutability

**Resources Used:** (Resources that are helpful in learning about your workshop topic)

<https://doc.rust-lang.org/book/>

<https://doc.rust-lang.org/rust-by-example/>