

Rust Tutorials

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Chapter 1

Introduction

1.1 History Rust

1.2 Why Rust?

1.3 Install Rust

1.3.1 Linux Fedora Based

1.3.2 From source

1.4 simple Variables

1.4.1 Constant

1.4.2 Mutable and immutable

1.4.3 Integers

Size	Sign	Unsigned	Minimum
Maximum			
8bits	i8	u8	
16bits	i16	u16	
32bits	i32	u32	
64bits	i64	u64	
sys arch	isize	usize	

```
1 fn main() {  
2     println!("Hello, world!");  
3 }
```

Listing 1.1: Definition variables

1.4.4 Floats

1.4.5 bool

1.4.6 char

unicode ascii

1.5 Operators

1.5.1 bool ops

1.5.2 non bool ops

1.6 array

out of index

```
1 fn main() {  
2     println!("Hello, world!{}{:?}{}{:#?}");  
3 }
```

Listing 1.2: Definition variables

1.7 tuple

Listings