

Clojure

- [A History of Clojure](#)
- [clojure lib](#)
- [clojure guides](#)
- [Threading Macros Guide](#)
- [clojure web framework](#)
- [Learning Clojure](#)

```
- brew install openjdk  
- brew install leiningen
```

Create Project

- [clojure-cli](#)
- [leiningen](#)

Library

- [fulcro](#)
- [quill](#)
- http : [hato](#)

Syntax

- [Atomic Data Types](#)
- [Data Structures](#)
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Clojure is a Lisp

- [Dynamic](#)
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- [Reader](#)
- [Small core](#)
- [Sequences](#)
- [Syntactic abstraction](#)

- Hygienic
- ->>

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Learn

- <https://practical.li/>
- <https://clojurebridge.org/>
- Clojure from the ground up
- <https://4clojure.oxal.org/>
- Clojure Koans
- <https://clojure.org/api/cheatsheet>
- <https://shaunlebron.github.io/t3tr0s-slides/#0>
- <https://github.com/unclebob/spacewar>
- <https://github.com/clojure-kr/clojure-complete>
- <https://johnngrib.github.io/wiki/clojure/>

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ref

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Docs

- Sequences
- Namespace
- File
- lib
- metadata
- destructuring
- shorthand

- [macro](#)
- [gensym](#)
- [protocol](#)
- [dynamic var](#)
- [core collection functions](#)
- [Learn Clojure](#)
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- [unclebob_spacewar](#)
- [project.clj](#)
- [clojure.spec.alpha](#)
- [clojure syntax](#)

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- [The Joy Of Clojure](#)
- [Programming Clojure](#)

Data structures

Data structures

```
(1 2 3 4 5)           ; list
["a" "b" "c" "d" "e"] ; vector
{:name "Grogu", :age 50} ; map
#{5 2 3 1 4}         ; set
```

Code as data

Code as data

```
(function arg-1 arg-2 ...)
```



```
(+ 1 2 3)           ; ⇒ 6
(max 1 2 3)          ; ⇒ 3
(filter odd? [1 2 3]) ; ⇒ (1 3)
(if (< 1 2) "a" "b") ; ⇒ "a"
```

From:

<http://jace.link/> - **Various Ways**

Permanent link:

<http://jace.link/open/clojure?rev=1671349961>

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