

tryerlang.org

a hands-on Erlang tutorial in your browser

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Knowledge
Transfer
Partnerships

Erlang

Learning a Programming Language

- Official Language Page
- Google for a tutorial/handbook
- Official Documentation
- Meet other developers
- Install and Configure Language
- Start Playing

(Order may vary)



This is usually translated into this...

Try it in the Browser!

(Yet another learning resource)

- No software installation
- No configuration needed
- No headache
- More time to feed the pigeons in the park



Give it a try!
a hands-on tutorial

[Home](#) [FAQ](#)

Welcome to this hands-on tutorial about Erlang.

[Clear Window](#) [Reset](#)

```
Erlang R13B04 (erts-5.7.5)  
>|
```

Introduction

Erlang is a programming language created in Ericsson (Sweden). The above prompt represents an Erlang shell, where you can try the full power of Erlang (well, sort of). To start this tutorial please type `ok.`

Please note that in Erlang every instruction must be terminated by a DOT (!)

Available tutorials: [Introduction to Erlang](#) , [Shell Commands](#) , [Lists and Tuples](#) , [Pattern Matching](#) , [Functions](#) , [List Comprehensions](#) , [Funs](#) .

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tryerlang.org

**But this is not a new
idea...**

Interactive ruby ready.

>>

Got 15 minutes? Give Ruby a shot right now!

Ruby is a programming language from Japan (available at ruby-lang.org) which is revolutionizing the web. The beauty of Ruby is found in its balance between simplicity and power.

Try out Ruby code in the prompt above. In addition to Ruby's builtin methods, the following commands are available:

- help** Start the 15 minute interactive tutorial. Trust me, it's very basic!
- help 2** Hop to chapter two.
- clear** Clear screen. Useful if your browser starts slowing down. Your command history will be remembered.
- back** Go back one screen in the tutorial.
- reset** Reset the interpreter if you get too deep. (or **Ctrl-D**)
- next** Allows you to skip to the next section of a lesson.
- time** A stopwatch. Prints the time your session has been open.

If you happen to leave or refresh the page, your session will still be here for unless it is left inactive for ten minutes.

Trapped in double dots? A quote or something was left open. Type: reset or hit Ctrl-D.

This place was sired by [why the lucky stiff](#). Please contact me using the email address at that link; is maintained by Andrew McElroy and David Miani. For support issues, please post a ticket or contact Sophrinix on [github](#).

tryruby.org

Try Haskell

Reset

Type Haskell expressions in here.

> █

Welcome to your first taste of Haskell! Let's try Haskell right now!

Beginners

Type `help` to start the tutorial. Type `lessons` to see the list of lessons.

Or try typing these out and see what happens ([click to insert](#)):

```
23*36
```

```
reverse "hello"
```

Learn More

Get stuck into a book with [Real World Haskell](#) ([readable online!](#)), published by O'Reilly Media. Checkout [Haskell.org](#) for more information about Haskell.



Evaluation service and Try Haskell by Chris Done, concept and interface blatantly copied from [_why's Try Ruby!](#), Haskell evaluator powered by a patched version of Gwern Branwen's [mueval](#), console library proudly written in JQuery.

tryhaskell.org

Try Clojure

Enter some Clojure code, and it will be evaluated.

Clojure> █

[tutorial](#) | [links](#) | [about](#)

Welcome to TryClojure. Above, you have a Clojure REPL. You can type expressions and see their results right here in your browser. We also have a brief tutorial to give you a taste of Clojure. Try it out!

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Domain and hosting kindly provided by [Heinz N. Gies](#).

try-clojure.org



try php

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1 Turkish lira = 29.5332158 Philippine pesos

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[PHP: Exceptions - Manual](#) ☆ - 2 visits - 31 Mar

An exception can be thrown, and caught ("caught") within **PHP**. Code may be surrounded in a **try** block, to facilitate the catching of potential exceptions. ...

[php.net/manual/en/language.exceptions.php](#) - [Cached](#) - [Similar](#)

[PHP Exception Handling](#) ☆

When an exception is thrown, the code following it will not be executed, and **PHP** will **try** to find the matching "catch" block. If an exception is not caught, ...

[www.w3schools.com/php/php_exception.asp](#) - [Cached](#) - [Similar](#)

try PHP...

tryerlang.org - what's old

- The idea
- The JS/Ajax console (Chris Done)
- Open Source

tryerlang.org - what's cool

- Restricted Shell
- Modular tutorials
- Logic written in Erlang, not in JS!
- Tutorials are Erlang Behaviours
- User Contributions

DEMO TIME!

The Restricted Shell

- Provided by Erlang
 - <http://www.erlang.org/doc/man/shell.html>
- Started with:
 - `shell:start_restricted/1`
 - `erl -stdlib restricted_shell whitelist`
- White-list based

The Tutorial Behaviour

- list/0 function
 - Returns the list of steps (atoms)
- check_result/3 function
 - Implements the logic to pass a step
- XHTML files
 - STEP.html
 - STEP_SUCCESS.html
 - complete.html

Roadmap

- tryerlang.org LIVE
- Testing Period
 - analyze logs
 - collect feedback
 - fix bugs
- GitHub
- Tutorial Repository (User Contribution)

How to Contribute

- Feedback
- GitHub
 - Core Code
 - Tutorials
- Create tutorials
 - to be used in your own application
 - to be included in tryerlang.org

References

- tryerlang.org
- Twitter: @learn_erlang @prof3ta
- Blog: <http://aloiroberto.wordpress.com>
- www.erlang-solutions.com