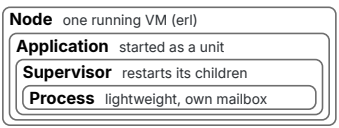
Erlang/OTP BEAM runtime and shell

CONCEPTS

Every Erlang shell expression ends with a dot. Variables start upper case and bind once; use f(X). or f(). to forget them.



Nodes only talk if they share a cookie and the same name style: -sname and -name nodes cannot connect to each other.

START THE VM

erl
Start an interactive shell

erl -noshell
Run without a shell

erl -noinput
Never read stdin (implies -noshell)

erl -eval "<*expr*>**"**
Evaluate an expression at start

erl -s <*mod*> <*fun*> <*args*>
Call a function, args as atoms

erl -run <*mod*> <*fun*> <*args*>
Call a function, args as strings

erl -pa <*dir*>
Prepend a directory to the code path

erl -pz <*dir*>
Append a directory to the code path

erl -config <*file*>
Load application config (sys.config)

erl -detached
Run in the background, no console

COMPILE

erlc <*file*>**.erl**
Compile to a .beam file

erlc -o <*dir*> <*file*>**.erl**
Put output in a directory

erlc -I <*dir*> <*file*>**.erl**
Add an include directory

IN THE SHELL

c(<*mod*>**).**
Compile and load a module

l(<*mod*>**).**
Load or reload a module

q().
Quit the node

b().
Show variable bindings

f().
Forget all bindings

v(-1).
Reuse the last result

Ctrl+G
Job control menu

Ctrl+C
Break menu (a to abort)

DISTRIBUTION

erl -sname <*name*>
Node with a short host name

erl -name <*name*>**@**<*host*>
Node with a full host name

erl -setcookie <*cookie*>
Set the shared cookie

erl -remsh <*node*>
Shell connected to a remote node

net_adm:ping(<*node*>**).**
Connect; pong means reachable

rpc:call(<*node*>**,** <*mod*>**,** <*fun*>**,** **[**<*args*>**]).**
Call a function on another node

ESCRIPT

escript <*file*>
Run a script

main(Args) →
Entry point, Args is a list of strings

REBAR3

rebar3 compile
Fetch deps and compile

rebar3 shell
Shell with project on the path