



Linux Ubuntu 22.4.5 Manual Pages on command 'irb2.7.1'

\$ man irb2.7.1

IRB(1) Ruby Programmer's Reference Guide IRB(1)

NAME

irb ? Interactive Ruby Shell

SYNOPSIS

```
irb [--version] [-dfUw] [-I directory] [-r library] [-E external[:internal]]
    [-W[level]] [--[no]inspect] [--[no]multiline] [--[no]singleline] [--[no]echo]
    [--[no]colorize] [--[no]verbose] [--prompt mode] [--prompt-mode mode]
    [--inf-ruby-mode] [--simple-prompt] [--noprompt] [--tracer]
    [--back-trace-limit n] [--] [program_file] [argument ...]
```

DESCRIPTION

irb is the REPL(read-eval-print loop) environment for Ruby programs.

OPTIONS

--version Prints the version of irb.

-E external[:internal]

--encoding external[:internal]

Same as `ruby -E' . Specifies the default value(s) for external en? codings and internal encoding. Values should be separated with colon (:).

You can omit the one for internal encodings, then the value (Encoding.default_internal) will be nil.

-I path Same as `ruby -I' . Specifies \$LOAD_PATH directory

-U Same as `ruby -U' . Sets the default value for internal encodings

(Encoding.default_internal) to UTF-8.

- d Same as `ruby -d` . Sets \$DEBUG to true.
- f Suppresses read of ~/.irbrc.
- w Same as `ruby -w` .
- W Same as `ruby -W` .
- h
- help Prints a summary of the options.
- r library Same as `ruby -r` . Causes irb to load the library using require.
- inspect Uses `inspect` for output (default except for bc mode)
- noinspect Doesn't use inspect for output
- multiline Uses multiline editor module.
- nomultiline Doesn't use multiline editor module.
- singleline Uses singleline editor module.
- nosingleline
Doesn't use singleline editor module.
- echo Show result(default).
- noecho Don't show result.
- colorize Use colorization.
- nocolorize Don't use colorization.
- verbose Show details.
- noverbose Don't show details.
- prompt mode
- prompt-mode mode
Switch prompt mode. Pre-defined prompt modes are `default`, `simple`,
`xmp` and `inf-ruby`.
- inf-ruby-mode
Uses prompt appropriate for inf-ruby-mode on emacs. Suppresses --mul?
tiline and --singleline.
- simple-prompt
Makes prompts simple.
- noprompt No prompt mode.
- tracer Displays trace for each execution of commands.
- back-trace-limit n

Displays backtrace top n and tail n. The default value is 16.

ENVIRONMENT

IRBRC

Also irb depends on same variables as ruby(1).

FILES

~/.irbrc

Personal irb initialization.

EXAMPLES

```
% irb
```

```
irb(main):001:0> 1 + 1
```

```
2
```

```
irb(main):002:0> def t(x)
```

```
irb(main):003:1> x + 1
```

```
irb(main):004:1> end
```

```
=> :t
```

```
irb(main):005:0> t(3)
```

```
=> 4
```

```
irb(main):006:0> if t(3) == 4
```

```
irb(main):007:1> p :ok
```

```
irb(main):008:1> end
```

```
:ok
```

```
=> :ok
```

```
irb(main):009:0> quit
```

```
%
```

SEE ALSO

ruby(1).

REPORTING BUGS

? Security vulnerabilities should be reported via an email to security@ruby-lang.org. Reported problems will be published after being fixed.

? Other bugs and feature requests can be reported via the Ruby Issue Tracking System (<https://bugs.ruby-lang.org/>). Do not report security vulnerabilities via this system because it publishes the vulnerabilities immediately.

AUTHORS

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