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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'irb.1'***

#### ***\$ man irb.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 encodings 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 --multiline  
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](mailto: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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