

# Ruby

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Jump to: [navigation](#), [search](#)

Ruby is a dynamic, open source programming language with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write.

In Termux Ruby can be installed by executing

```
pkg install ruby
```

# Package management

After installing ruby, `gem` package manager will be available. Here is a quick tutorial about its usage.

## Installing a new gem:

```
gem install {package_name}
```

## Uninstalling gem:

```
gem uninstall {package name}
```

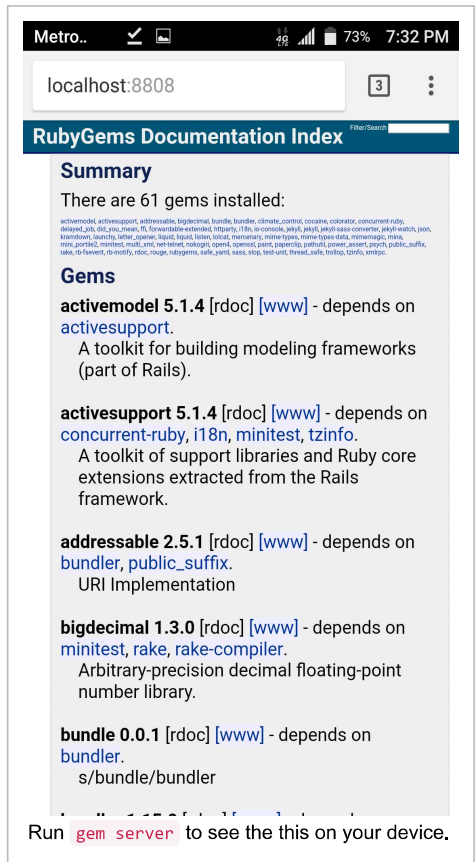
Listing installed gems:

```
gem list --local
```

## Launching a local documentation and gem repository server:

gem server

When installing Ruby gems, it is highly recommended to have a package `build-essential` to be installed - some gems compile native extensions during their installation.



## Gem installation tips and tricks

Package	Description	Dependencies	Special Instructions
delayed_job	Database based asynchronous priority <a href="https://github.com/collectiveidea/delayed_job">https://github.com/collectiveidea/delayed_job</a>		
ffi	A gem for loading dynamically-linked native libraries, binding functions within them <a href="https://github.com/ffi/ffi">https://github.com/ffi/ffi</a>		
jekyll	Tool for creating static websites <a href="https://github.com/jekyll/jekyll">https://github.com/jekyll/jekyll</a>	ruby clang make libffi	
letter_opener	Preview mail in the browser instead of sending <a href="https://github.com/ryanb/letter_opener">https://github.com/ryanb/letter_opener</a>		
lolcat	Prints rainbow colored text <a href="https://github.com/busyloop/lolcat">https://github.com/busyloop/lolcat</a>		
mina	Blazing fast application deployment tool <a href="https://github.com/mina-deploy/mina">https://github.com/mina-deploy/mina</a>		
nokogiri	XML and HTML library <a href="https://github.com/sparklemotion/nokogiri">https://github.com/sparklemotion/nokogiri</a>	libxslt libiconv pkg-config	gem install nokogiri -- --use-system-libraries
paperclip	Easy file attachment management for ActiveRecord <a href="https://github.com/thoughtbot/paperclip">https://github.com/thoughtbot/paperclip</a>		
thin	A very fast & simple Ruby web server <a href="https://github.com/macournoyer/thin">https://github.com/macournoyer/thin</a>	ruby make	gem install thin -- --use-system-libraries