

Documentation

A Talk

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Presented at theScore on Wednesday, June 24th, 2015



Slides uploaded at <http://www.danofer.com/presentations/documentation>

What is Documentation?

- Written by the author of the code
- To teach **you** how to use the code

Install It:

Ruby

- `rvm docs generate` (<https://rvm.io/rubies/docs>)

Ruby gem

- `gem install gem_name --document`

ri

- `ri ClassName.MethodName`
- `ri ClassName`
- `ri MethodName`
- E.g., `ri Array`
- E.g., `ri Object.method`

How to Read a Ruby Program

- Method calls are resolved at runtime.
- Use the `Object#method` call to learn:
 - `source_location`
 - `owner`
 - `source`

Pry

- **REPL**: Read - Evaluate - Parse - Loop
- Type `binding.pry` statement in Ruby application to enter pry

Then type

- `help` to learn how to use it
- `ls object_name` to read methods on object
- `cd object_name` to change context into object

How to Install Pry

- To use the `binding.pry` statement pry:
 - Install the `pry-bydebug` gem
- To use pry with Rails console:
 - Install the `pry-rails` gem

Read the gem

- Use `bundle open gem_name` to open gem code in text editor
- Use `bundle show gem_name` to know version installed and where

Git

- Use `git blame file_name` for authorship
- Use `git reflog` to view list of states and `git reset` to change state

Other documentation tools

- Dash kapeli.com/dash for 19.99 USD
- Google www.google.com
- Ruby on Rails API api.rubyonrails.org
- The *ever invaluable* Ruby on Rails Guides guides.rubyonrails.org

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