Redis with Ruby

To use Redis with Ruby, you need a Ruby Redis client. The following sections demonstrate the use of redis-rb, a Ruby client library for Redis. Additional Ruby clients for Redis can be found under the Ruby section of the Redis Clients page.

Install redis-rb

See redis-rb's README file for installation instructions.

Method 1

Use gem to install redis-rb:

```ruby
gem install redis
```

Method 2

1. Add the following line to your Gemfile:

```ruby
gem 'redis'
```

2. Then run:

```ruby
bundle install
```

Connect to Redis

The following code creates a connection to Redis using redis-rb:

```ruby
require 'redis'

redis = Redis.new (
  :host => 'hostname',
  :port => port,
  :password => 'password')
```

To adapt this example to your code, replace the following values with your database’s values:

- In line 4, set :host to your database’s hostname or IP address
- In line 5, set :port to your database’s port
- In line 6, set :password to your database’s password

Example code for Redis commands

Once connected to Redis, you can read and write data with Redis command functions.
The following code snippet assigns the value `bar` to the Redis key `foo`, reads it back, and prints it:

```ruby
# open a connection to Redis
...
redis.set('foo', 'bar');
value = redis.get('foo');
puts value
```

Example output:

```
$ ruby example_redis-rb.rb
bar
```

### SSL

The redis-rb client does not support SSL connections natively.

For an added security measure, you can secure the connection using `stunnel` or this redis-rb fork, which includes SSL support.

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