bundle gem coronapp --bin

Specify that Bundler should create a binary executable (as exe/GEM_NAME) in the generated rubygem project. This binary will also be added to the GEM_NAME.gemspec manifest. This behavior is disabled by default.

https://bundler.io/man/bundle-gem.1.html

https://thevirustracker.com/

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```ruby
require "coronapp/version"
require "open-uri"
require "json"

module Coronapp
  class Error < StandardError; end

  class Stat
    def get_stat(given_stat)
      stat_hash = {new: "new_daily_cases", deaths: "new_daily_deaths", total: "total_cases", recovered:"total_re
      return stat_hash[given_stat]
    end
  end

  def self.get(options = {})
      country = options.fetch(:country).upcase
      date = options.fetch(:date).strftime("%-m/%-d/%y")
      stat = options.fetch(:stat).downcase.to_sym
      url = "https://api.thevirustracker.com/free-api?countryTimeline=#{country}"
      s = Stat.new
      result = open(url).read
      return "#{JSON.parse(result).dig("timelineitems",0, date, s.get_stat(stat))} #{s.get_stat(stat).gsub("_",
    end
  end
end
```

```
192-168-1-106:T1A2---Terminal-Application alisablakeney$ .exe/coronapp -c "AU" -
d "20 April 2020" -s "total"
```

```ruby
options = {}
stat_hash =

parser = OptionParser.new do |opt|
    opt.on("-c", "--country [VALUE]", "[AU = Australia, etc.]") do |location|
        options[:country] = location
    end

    opt.on("-d", "--date [DATE]", String) do |date|
        options[:date] = date
    end

    opt.on("-s", "--stat [VALUE]", String) do |statistic|
        options[:stat] = statistic
    end

    opt.on("-h", "--help", "[Shows this message]") do
        puts opt
        exit
    end

    opt.on("-l", "--list", "[AU = Australia, etc.]") do
        puts opt
        exit
    end

end
```

```
DP Diamond Princess  ML Mali              TG Togo
DJ Djibouti          MR Mauritania        TT Trinidad and Tobago
DO Dominican Repub   MX Mexico            TN Tunisia
CD DR Congo          MD Moldova           TR Turkey
EC Ecuador           MN Mongolia          TM Turkmenistan
EG Egypt             ME Montenegro        AE UAE
SV El Salvador       MA Morocco           UG Uganda
GQ Equatorial GuineaMZ Mozambique         GB United Kingdom
ER Eritrea           MM Myanmar           UA Ukraine
EE Estonia           NA Namibia           US USA
ET Ethiopia          NP Nepal             UY Uruguay
FK Falkland Islands  NL Netherlands       UZ Uzbekistan
FJ Fiji              NC New Caledonia     VU Vanuatu
FI Finland           NZ New Zealand       VE Venezuela
FR France            NI Nicaragua         VN Vietnam
GF French Guiana     NE Niger             EH Western Sahara
TF French ST         NG Nigeria           YE Yemen
GA Gabon             KP North Korea       ZM Zambia
GM Gambia            NO Norway            ZW Zimbabwe
GE Georgia           OM Oman


   -d, --date [DATE]
   -s, --stat [VALUE]              [OPTIONS: new/deaths/total/recovered/toll]
   -h, --help                     [Shows this message]
Online-10:src alisablakeney$ 
```

```ruby
begin
    parser.parse!
    system("clear")
    puts "There were #{Coronapp.get(options)} on this day"
rescue OptionParser::InvalidArgument => e
    puts %Q[#{e.message.capitalize}. Run "#{File.basename($0)}" --help for details.]
rescue KeyError
    puts %Q[Insufficient arguments. Run "#{File.basename($0)}" --help for details.]
end
```

```
[192-168-1-106:T1A2---Terminal-Application alisablakeney$ ./exe/coronapp -c "AU"
-d "20 April 2020" -s "total"
/Users/alisablakeney/test/T1A2---Terminal-Application/lib/coronapp.rb:21: warnin
g: calling URI.open via Kernel#open is deprecated, call URI.open directly or use
 URI#open
There were 6547 total cases on this day
192-168-1-106:T1A2---Terminal-Application alisablakeney$
```