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require 'date'

require 'addressable/uri'
require 'json'
require 'rest-client'

lat = 41.95
lon = -88.75

base_url = 'http://api.askgeo.com/v1'
account_id = '1738' # my account for now but you can get one it's free
api_key = '7f33e4f2a928bc460cbb997fe3b5cb0b30fc7abebe16422e6b267989f80297d0' # my
api key too
url = "#{base_url}/#{account_id}/#{api_key}/query.json?points="
query = "#{lat},#{lon};databases=Astronomy"
addr = Addressable::URI.escape(url + query)
rest_resource = JSON.parse(RestClient.get(addr))

puts status = rest_resource['message']
results = rest_resource['data']

if status == 'ok'
  astronomy = {}
  results[0].fetch('Astronomy').each do |key, value|
    astronomy.store(key, value)
  end
end

sunrise = astronomy.fetch('TodaySunriseIso8601')
transit = astronomy.fetch('TodaySolarNoonIso8601')
sunset = astronomy.fetch('TodaySunsetIso8601')
puts sunrise
puts transit
puts sunset

```