# Web Requests Practice

I listed two examples of querying using requests module below. The first example was getting information from <http://api.open-notify.org/astros.json> and the second is from <https://api.nasa.gov/planetary/apod>

A screen shot of a computer program

AI-generated content may be incorrect.

Response Code: 200

Number of people: 12

People in space:

Oleg Kononenko is on the ISS

Nikolai Chub is on the ISS

Tracy Caldwell Dyson is on the ISS

Matthew Dominick is on the ISS

Michael Barratt is on the ISS

Jeanette Epps is on the ISS

Alexander Grebenkin is on the ISS

Butch Wilmore is on the ISS

Sunita Williams is on the ISS

Li Guangsu is on the Tiangong

Li Cong is on the Tiangong

Ye Guangfu is on the Tiangong

Response Code: 200

Title: IC 418: The Spirograph Nebula

Date: 2025-04-27

Explanation: What is creating the strange texture of IC 418? Dubbed the Spirograph Nebula for its resemblance to drawings from a cyclical drawing tool, planetary nebula IC 418 shows patterns that are not well understood. Perhaps they are related to chaotic winds from the variable central star, which changes brightness unpredictably in just a few hours. By contrast, evidence indicates that only a few million years ago, IC 418 was probably a well-understood star similar to our Sun. Only a few thousand years ago, IC 418 was probably a common red giant star. Since running out of nuclear fuel, though, the outer envelope has begun expanding outward leaving a hot remnant core destined to become a white-dwarf star, visible in the image center. The light from the central core excites surrounding atoms in the nebula causing them to glow. IC 418 lies about 2000 light-years away and spans 0.3 light-years across. This false-color image taken from the Hubble Space Telescope reveals the unusual details.

URL: https://apod.nasa.gov/apod/image/2504/Spirograph\_Hubble\_960.jpg