URL, URI, URN - Do you know the differences?
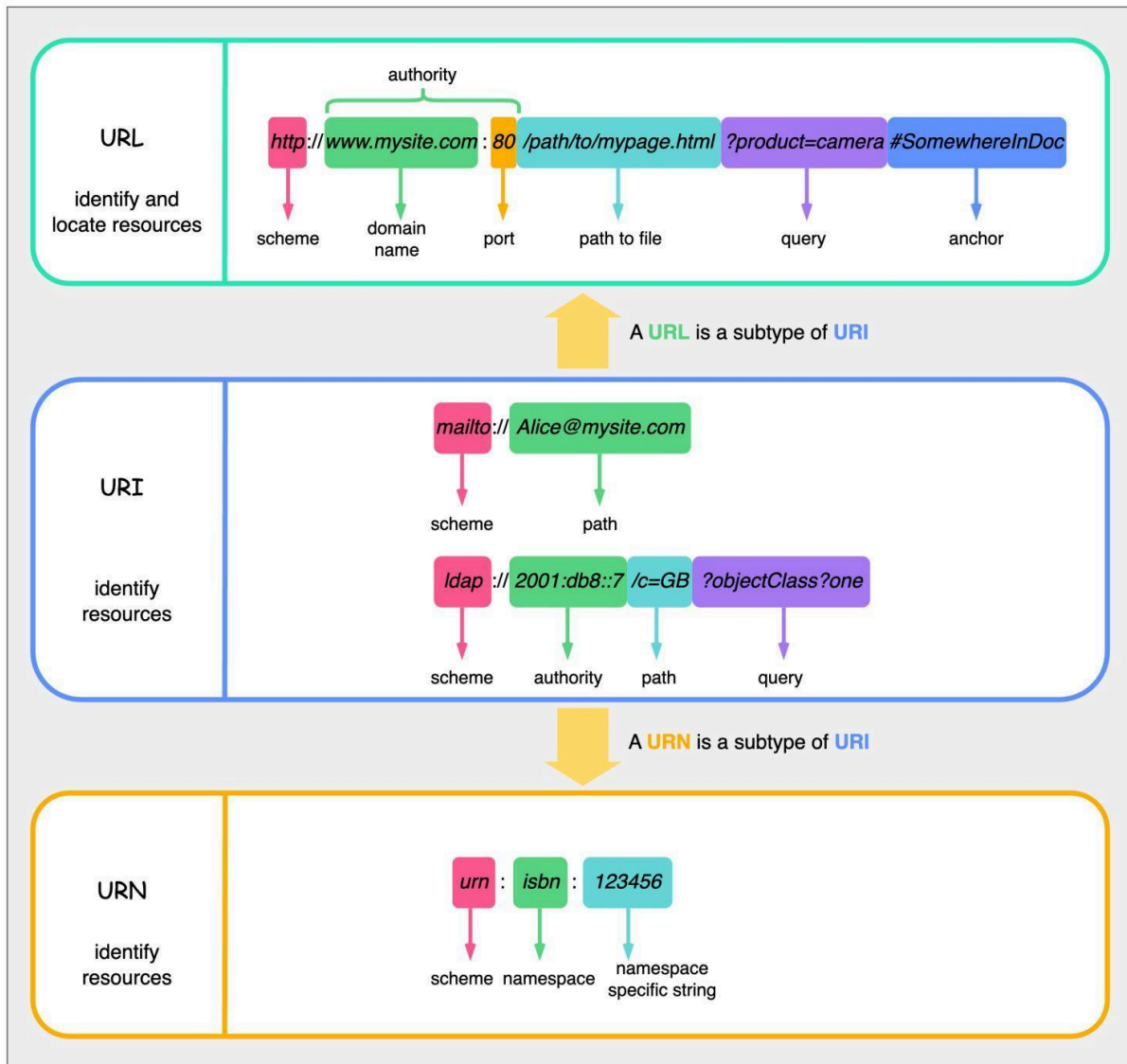
The diagram below shows a comparison of URL, URI, and URN.

URL vs URI vs URN

blog.bytebytego.com

URL — identify and locate resources

http:// www.mysite.com : 80 /path/to/mypage.html ?product=camera #SomewhereInDoc

- scheme
- domain name (authority)
- port
- path to file
- query
- anchor

A **URL** is a subtype of **URI**

URI — identify resources

mailto:// Alice@mysite.com
- scheme
- path

ldap :// 2001:db8::7 /c=GB ?objectClass?one
- scheme
- authority
- path
- query

A **URN** is a subtype of **URI**

URN — identify resources

urn : isbn : 123456
- scheme
- namespace
- namespace specific string

♦ URI
   URI stands for Uniform Resource Identifier. It identifies a logical or physical resource on the web. URL and URN are subtypes of URI. URL locates a resource, while URN names a resource.

   A URI is composed of the following parts:

scheme:[//authority]path[?query][#fragment]

- ♦ URL
  URL stands for Uniform Resource Locator, the key concept of HTTP. It is the address of a unique resource on the web. It can be used with other protocols like FTP and JDBC.

- ♦ URN
  URN stands for Uniform Resource Name. It uses the urn scheme. URNs cannot be used to locate a resource. A simple example given in the diagram is composed of a namespace and a namespace-specific string.

If you would like to learn more detail on the subject, I would recommend W3C's clarification.