

Unit – 2 Node JS

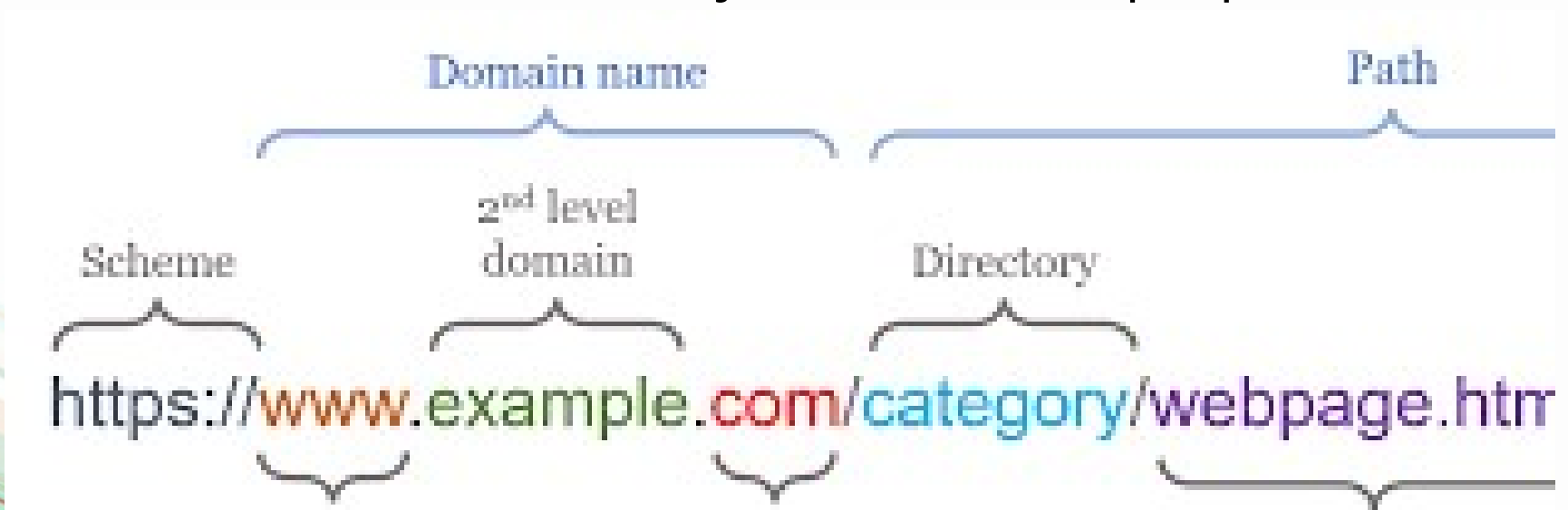


URL Module

- The URL module breaks a web address into readable parts.
- To use the URL module, you have to use `require()` method:

```
var url = require('url');
```

- You can parse an address with the `url.parse()` method, and it will return a URL object with some properties



Important properties

Property	Description
.href	Provides us the complete url string
.host	Gives us host name and port number
.hostname	Hostname in the url
.path	Gives us path name of the url
.pathname	Provides host name , port and pathname
.port	Gives us port number specified in url
.auth	Authorization part of url
.protocol	Protocol used for the request
.search	Returns query string attached with url

Example of url module

url module

```
var http = require('http');
var url = require('url');
server = http.createServer(function (req, res) {
  //http://127.0.0.1:5000/product?name=mobile&price=1000
  var queryString = url.parse(req.url, true);
  console.log(queryString);
  console.log('search ' + queryString.search); // search: '?name=mobile&price=1000',
  console.log('pathname ' + queryString.pathname); // query:{ name: 'mobile', price: '1000' },

  console.log('path ' + queryString.path); // pathname: '/product',
  console.log('href ' + queryString.href); // path: '/product?name=mobile&price=1000',
  console.log('port ' + queryString.port); // href: '/product?name=mobile&price=1000'
  var data = queryString.query; //returns an object: { name: 'mobile', price: '1000' },
  console.log(data.name); //returns 'mobile'
  console.log(data.price); //returns '1000'
})
server.listen(5000);
```