JAVA EXAMPLES - PARTS OF URL

Problem Description:

How to get the parts of an URL?

Solution:

Following example shows how to get the parts of an URL with the help of url.getProtocol ,url.getFile method etc. of net.URL class.

```java
import java.net.URL;

public class Main {
   public static void main(String[] args)
   throws Exception {
      URL url = new URL(args[0]);
      System.out.println("URL is " + url.toString());
      System.out.println("protocol is "
      + url.getProtocol());
      System.out.println("file name is " + url.getFile());
      System.out.println("host is " + url.getHost());
      System.out.println("path is " + url.getPath());
      System.out.println("port is " + url.getPort());
      System.out.println("default port is "
      + url.getDefaultPort());
   }
}
```

Result:

The above code sample will produce the following result.

```
URL is http://www.server.com
protocol is TCP/IP
file name is java_program.txt
host is 122.45.2.36
path is
port is 2
default port is 1
```

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