

```
No.      Time      Source      Destination      Protocol Length Info
 175 13:00:10.420625 192.168.0.42 128.119.245.12 HTTP 534 GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
Frame 175: 534 bytes on wire (4272 bits), 534 bytes captured (4272 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16), Dst: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30)
Internet Protocol Version 4, Src: 192.168.0.42, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 55570, Dst Port: 80, Seq: 1, Ack: 1, Len: 480
Hypertext Transfer Protocol
  GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n
    [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n]
      [GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n]
      [Severity level: Chat]
      [Group: Sequence]
    Request Method: GET
    Request URI: /wireshark-labs/HTTP-wireshark-file4.html
    Request Version: HTTP/1.1
  Host: gaia.cs.umass.edu\r\n
  Connection: keep-alive\r\n
  Upgrade-Insecure-Requests: 1\r\n
  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/93.0.4577.63 Safari/537.36 Edg/93.0.961.47\r\n
  Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
  Accept-Encoding: gzip, deflate\r\n
  Accept-Language: en-US,en;q=0.9\r\n
  \r\n
  [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
  [HTTP request 1/2]
  [Response in frame: 193]
  [Next request in frame: 194]
No.      Time      Source      Destination      Protocol Length Info
 193 13:00:10.594776 128.119.245.12 192.168.0.42 HTTP 1355 HTTP/1.1 200 OK (text/html)
Frame 193: 1355 bytes on wire (10840 bits), 1355 bytes captured (10840 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30), Dst: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.42
Transmission Control Protocol, Src Port: 80, Dst Port: 55570, Seq: 1, Ack: 481, Len: 1301
Hypertext Transfer Protocol
  HTTP/1.1 200 OK\r\n
    [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
      [HTTP/1.1 200 OK\r\n]
      [Severity level: Chat]
      [Group: Sequence]
    Response Version: HTTP/1.1
    Status Code: 200
    [Status Code Description: OK]
    Response Phrase: OK
  Date: Tue, 14 Sep 2021 19:00:10 GMT\r\n
  Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.22 mod_perl/2.0.11 Perl/v5.16.3\r\n
  Last-Modified: Tue, 14 Sep 2021 05:59:01 GMT\r\n
  ETag: "3ae-5cbee4743503d"\r\n
  Accept-Ranges: bytes\r\n
  Content-Length: 942\r\n
    [Content length: 942]
  Keep-Alive: timeout=5, max=100\r\n
  Connection: Keep-Alive\r\n
  Content-Type: text/html; charset=UTF-8\r\n
  \r\n
  [HTTP response 1/2]
  [Time since request: 0.174151000 seconds]
  [Request in frame: 175]
  [Next request in frame: 194]
  [Next response in frame: 209]
  [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
  File Data: 942 bytes
Line-based text data: text/html (23 lines)
<html>\n
<head>\n
<title>Lab2-4 file: Embedded URLs</title>\n
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">\n
</head>\n
\n
<body bgcolor="#FFFFFF" text="#000000">\n
\n
<p>\n
 </p>\n
<p>This little HTML file is being served by gaia.cs.umass.edu. \n
It contains two embedded images. The image above, also served from the \n
gaia.cs.umass.edu web site, is the logo of our publisher, Pearson. \n
The image of our 8th edition book cover below is stored at, and served from,\n
a WWW server kurose.cslash.net in France:</p>\n
<p align="left"></p>\n
And while we have your attention, you might want to take time to check out the\n
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\t\t available open resources for this book at\n
\t\t <a href="http://gaia.cs.umass.edu/kurose_ross"> http://gaia.cs.umass.edu/kurose_ross</a>.\n
\n
</body>\n
</html>\n
No.      Time           Source             Destination        Protocol Length Info
   194  13:00:10.631356    192.168.0.42       128.119.245.12     HTTP          480      GET /pearson.png HTTP/1.1
Frame 194: 480 bytes on wire (3840 bits), 480 bytes captured (3840 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16), Dst: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30)
Internet Protocol Version 4, Src: 192.168.0.42, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 55570, Dst Port: 80, Seq: 481, Ack: 1302, Len: 426
Hypertext Transfer Protocol
GET /pearson.png HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /pearson.png HTTP/1.1\r\n]
[GET /pearson.png HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /pearson.png
Request Version: HTTP/1.1
Host: gaia.cs.umass.edu\r\n
Connection: keep-alive\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/93.0.4577.63 Safari/537.36 Edg/93.0.961.47\r\n
Accept: image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\n
Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: en-US,en;q=0.9\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/pearson.png]
[HTTP request 2/2]
[Prev request in frame: 175]
[Response in frame: 209]
No.      Time           Source             Destination        Protocol Length Info
   209  13:00:10.776962    128.119.245.12     192.168.0.42       HTTP          761      HTTP/1.1 200 OK (PNG)
Frame 209: 761 bytes on wire (6088 bits), 761 bytes captured (6088 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30), Dst: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.42
Transmission Control Protocol, Src Port: 80, Dst Port: 55570, Seq: 4206, Ack: 907, Len: 707
[3 Reassembled TCP Segments (3611 bytes): #205(1452), #207(1452), #209(707)]
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
[HTTP/1.1 200 OK\r\n]
[Severity level: Chat]
[Group: Sequence]
Response Version: HTTP/1.1
Status Code: 200
[Status Code Description: OK]
Response Phrase: OK
Date: Tue, 14 Sep 2021 19:00:10 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.22 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Sat, 06 Aug 2016 10:08:14 GMT\r\n
ETag: "cc3-539645c7f1ee7"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 3267\r\n
[Content length: 3267]
Keep-Alive: timeout=5, max=99\r\n
Connection: Keep-Alive\r\n
Content-Type: image/png\r\n
\r\n
[HTTP response 2/2]
[Time since request: 0.145606000 seconds]
[Prev request in frame: 175]
[Prev response in frame: 193]
[Request in frame: 194]
[Request URI: http://gaia.cs.umass.edu/pearson.png]
File Data: 3267 bytes
Portable Network Graphics
No.      Time           Source             Destination        Protocol Length Info
   224  13:00:10.993315    192.168.0.42       178.79.137.164     HTTP          447      GET /8E_cover_small.jpg HTTP/1.1
Frame 224: 447 bytes on wire (3576 bits), 447 bytes captured (3576 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16), Dst: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30)
Internet Protocol Version 4, Src: 192.168.0.42, Dst: 178.79.137.164
Transmission Control Protocol, Src Port: 61240, Dst Port: 80, Seq: 1, Ack: 1, Len: 393
Hypertext Transfer Protocol
GET /8E_cover_small.jpg HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /8E_cover_small.jpg HTTP/1.1\r\n]
[GET /8E_cover_small.jpg HTTP/1.1\r\n]
[Severity level: Chat]
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[Group: Sequence]
Request Method: GET
Request URI: /8E_cover_small.jpg
Request Version: HTTP/1.1
Host: kurose.cslash.net\r\n
Connection: keep-alive\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/93.0.4577.63 Safari/537.36 Edg/93.0.961.47\r\n
Accept: image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\n
Referer: http://gaia.cs.umass.edu/\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: en-US,en;q=0.9\r\n
\r\n
[Full request URI: http://kurose.cslash.net/8E_cover_small.jpg]
[HTTP request 1/1]
[Response in frame: 238]
No.      Time      Source      Destination      Protocol Length Info
 238 13:00:11.232166 178.79.137.164 192.168.0.42 HTTP 225 HTTP/1.1 301 Moved Permanently
Frame 238: 225 bytes on wire (1800 bits), 225 bytes captured (1800 bits) on interface \Device\NPF_{9AD0EF15-6B0B-4F7E-9671-CD0987287E3C}, id 0
Ethernet II, Src: ZyxelCom_e9:9d:30 (e4:18:6b:e9:9d:30), Dst: Tp-LinkT_e0:ac:16 (98:48:27:e0:ac:16)
Internet Protocol Version 4, Src: 178.79.137.164, Dst: 192.168.0.42
Transmission Control Protocol, Src Port: 80, Dst Port: 61240, Seq: 1, Ack: 394, Len: 171
Hypertext Transfer Protocol
HTTP/1.1 301 Moved Permanently\r\n
[Expert Info (Chat/Sequence): HTTP/1.1 301 Moved Permanently\r\n]
[HTTP/1.1 301 Moved Permanently\r\n]
[Severity level: Chat]
[Group: Sequence]
Response Version: HTTP/1.1
Status Code: 301
[Status Code Description: Moved Permanently]
Response Phrase: Moved Permanently
Location: https://kurose.cslash.net/8E_cover_small.jpg\r\n
Content-Length: 0\r\n
[Content length: 0]
Date: Tue, 14 Sep 2021 19:00:11 GMT\r\n
Server: lighttpd/1.4.47\r\n
\r\n
[HTTP response 1/1]
[Time since request: 0.238851000 seconds]
[Request in frame: 224]
[Request URI: http://kurose.cslash.net/8E_cover_small.jpg]
```