

### 6.3. Export HTTP Objects Transferred in a Web Browsing Session

When analyzing HTTP communications, it can be helpful to see what individual page elements (HTTP objects) were transferred. You can reassemble html, graphics, JavaScript, videos, style sheet objects, and more.

#### Check Your TCP Preference Settings First!

Before beginning this process, ensure your TCP preference for *Allow subdissector to reassemble TCP streams* is enabled.

If you don't enable TCP reassembly, Wireshark cannot reassemble the HTTP objects. In fact, Wireshark will list each packet used to transfer an object rather than each object.

#### View all HTTP Objects in the Trace File

After capturing HTTP traffic or opening an HTTP trace file, select **File | Export Objects | HTTP**. Wireshark displays all the elements transferred in the HTTP traffic.

In Figure 113, we opened *http-espn101.pcapng* and selected **File | Export Objects | HTTP** to list the various objects transferred when someone browsed to *www.espn.com*. Note that the client connected to numerous servers when building the main view of the web site. Some of these objects were served by ad servers.

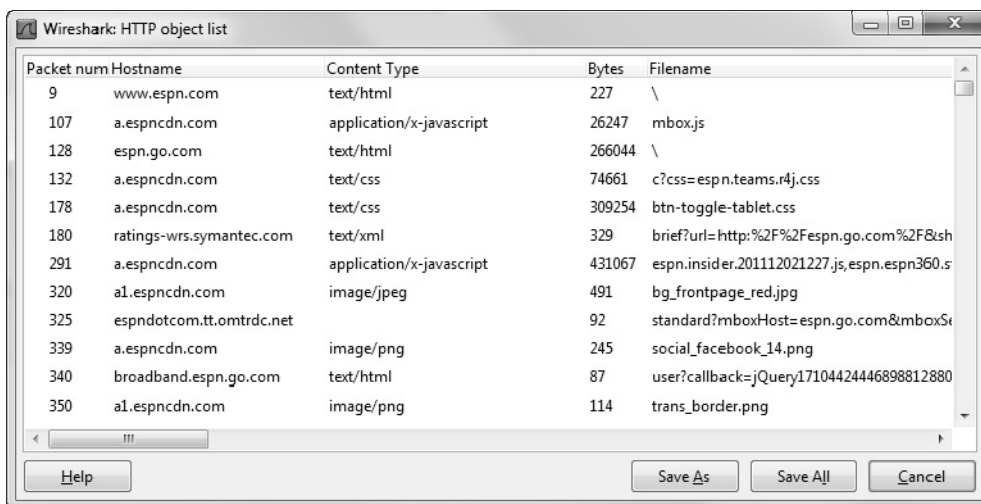


Figure 113. Select **File | Export Objects | HTTP** to export one or all of the objects. [*http-espn101.pcapng*]