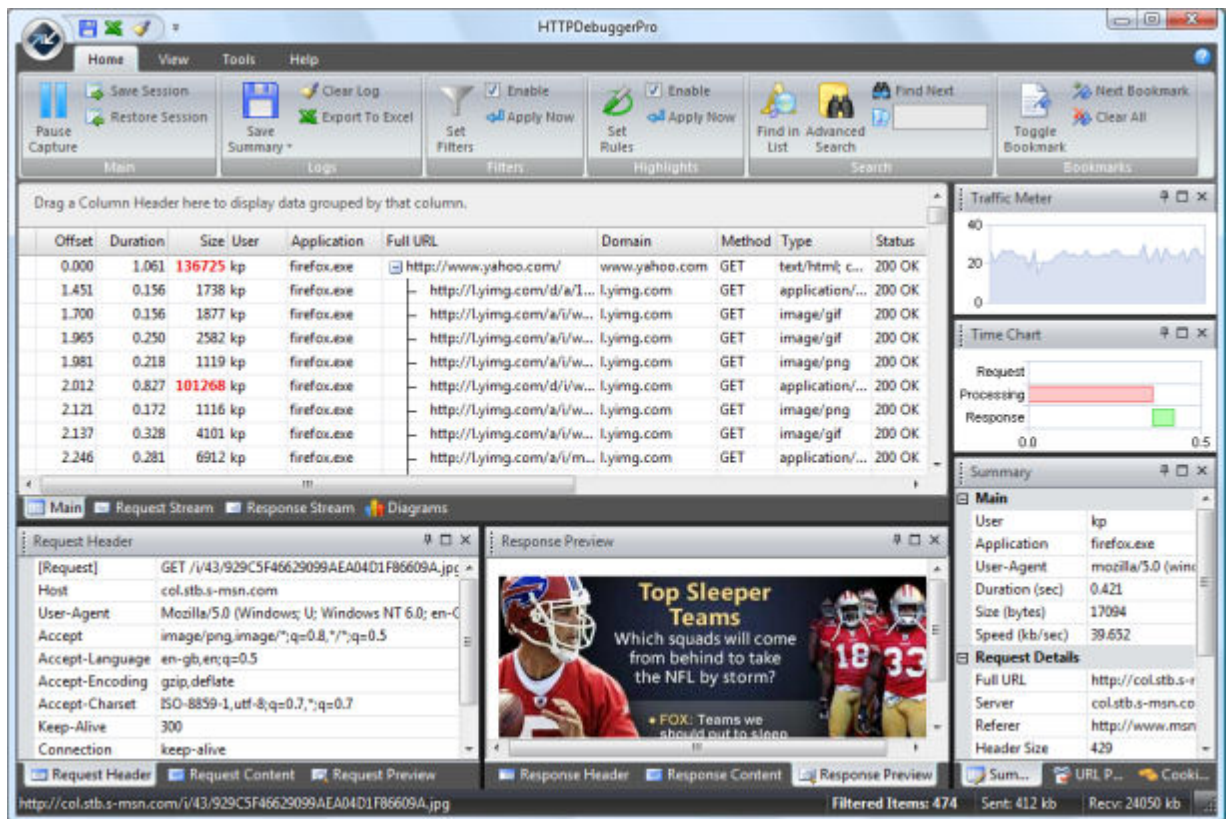


HTTP DEBUGGER OVERVIEW

The HTTP Debugger is a full-scale tool for IT professionals for intercepting, viewing and analyzing the HTTP and HTTPS protocol traffic between a web browser or any other application using the HTTP/HTTPS protocol, and a web server.



What can HTTP Debugger do for me?

Whether you are a professional web developer creating next generation web sites, or a software programming guru creating killer networking applications or a system/network administrator guarding your organization privacy and security, the HTTP Debugger is program for you.

Web developers can use the HTTP Debugger to identify performance bottlenecks of their web site by measuring the size and downloading time of web pages; to locate and to eliminate website errors analyzing http headers, query strings, cookies, redirections, authorization headers, POST parameters and error codes; to view the source code of HTML/XML web pages and Java/VB scripts. You can use HTTP Debugger to analyze the http traffic produced by web browser add-ons, ActiveX components and/or Java applets.

Software developers can use the HTTP Debugger to view and analyze the HTTP traffic of their own, or any third party, software programs in C#, Java, VB, C++, Delphi, etc. and the Internet, regardless of whether it is a user mode application or a Windows System Service.

System and network administrators can use the HTTP Debugger to analyze the behavior of suspicious web sites and to view what information is sent from your computers by applications to their owners, for example, during the activation or update procedure.

HTTP Debugger Key Features

Full support of both 32-Bit and 64-Bit applications

HTTP Debugger fully supports both 32-bit and 64-bit applications. Simply run HTTP Debugger on your 64-bit computer and see the HTTP traffic from both 32-bit and 64-bit applications in one single HTTP Debugger window!

Support of any web browser and low-level system components

HTTP Debugger automatically supports any web browser (Internet Explorer, Mozilla Firefox, Opera, Safari, Google Chrome) or any other application running on all Microsoft Windows operation systems and using the HTTP protocol including, for example, anti-viruses database update and/or any running low-level system component.

#	Offset	Duration	Size	User	Application	Full URL	Domain	Method	Type	Status
1	0.000	0.109	473	SYSTEM	avp.exe	http://download.windowsupda...	download.wind...	HEAD	application/...	200 OK
2	0.187	0.266	430	SYSTEM	avp.exe	http://update.microsoft.com/v...	update.microsof...	HEAD	application/...	200 OK
3	0.515	0.109	473	SYSTEM	avp.exe	http://download.windowsupda...	download.wind...	HEAD	application/...	200 OK
4	0.687	0.280	431	SYSTEM	avp.exe	http://update.microsoft.com/v...	update.microsof...	HEAD	application/...	200 OK

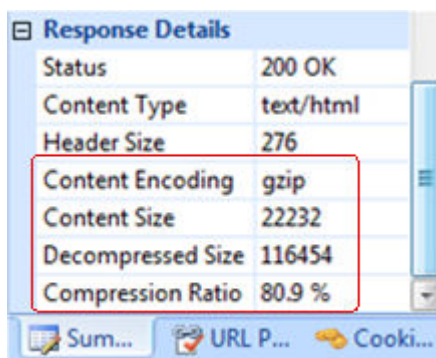
Decoding of HTTPS/SSL connections

HTTP Debugger automatically decrypts the secure HTTPS sessions for Internet Explorer, Mozilla Firefox and some other programs allowing debugging websites in the secure mode without switching the HTTPS off.

#	Offset	Duration	Size	User	Application	Full URL	Domain	Method	Type
1	0.000	0.655	2652	kp	firefox.exe	https://www.google.com/accounts/M...	www.google.com	GET	text/html; c...
2	0.749	0.390	6282	kp	firefox.exe	https://www.google.com/accounts/go...	www.google.com	GET	image/gif
3	1.700	0.515	3632	kp	firefox.exe	https://www.google.com/s2/static/im...	www.google.com	GET	image/png
4	1.841	0.249	2864	kp	firefox.exe	https://www.google.com/accounts/an...	www.google.com	GET	image/gif

Decoding gzip/chunked content

The gzip/chunked content is processed automatically. On the Summary Pane you can view full details on the used compression method and ratio.



Support of Dial-up modem, DSL/ISDN/Cable/LAN connections

HTTP Debugger intercepts the HTTP/HTTPS traffic regardless of Internet connection type and speed. The HTTP Debugger will work perfectly with a fast optical fiber Internet connection, an Ethernet cable or even an old dial-up modem.

Monitoring All TCP/IP Ports, not only Port 80

HTTP Debugger does not rely only on standard port 80, it automatically captures the HTTP traffic for all ports.

Tree and Flat List Modes

HTTP Debugger has two presentation forms for the main list; flat list view mode and advanced tree view mode.

Offset	Duration	Size	Full URL	Method	Type	Status
16.551	0.188	4516	http://i2.ytimg.com/vi/iKN8k_oyNG...	GET	image/jpeg	200 OK
20.576	0.858	116733	http://www.youtube.com/watch?v=...	GET	text/html; c...	200 OK
1.030	0.281	3903	http://i3.ytimg.com/i/BkJCmPZ...	GET	image/jpeg	200 OK
1.233	1.700	105002	http://s.ytimg.com/yt/swf/watc...	GET	application/...	200 OK
1.950	0.280	1078	http://www.youtube.com/ge...	GET	text/html; c...	204 No Content
2.371	0.234	1440	http://v14.lscache3.c.youtub...	GET		302 Found

Grouping and Sorting Data

Working with HTTP Debugger you can group the captured data by various parameters. Simply drag the Column Header to the Group By box. Sorting the data is as easy as clicking on the appropriate Column Header.

Domain								
Offset	Duration	Size	Application	Full URL	Method	Type	Status	
[-] Domain: t.pointroll.com								
2.387	0.280	772	iexplore.exe	http://t.pointroll.com/PointRoll...	GET	text/plain	200 OK	
8.595	0.375	772	iexplore.exe	http://t.pointroll.com/PointRoll...	GET	text/plain	200 OK	
11.981	0.358	772	iexplore.exe	http://t.pointroll.com/PointRoll...	GET	text/plain	200 OK	
12.027	0.312	750	iexplore.exe	http://t.pointroll.com/PointRoll...	GET	text/plain	200 OK	
[-] Domain: www.cnn.com								
10.140	1.575	101886	iexplore.exe	http://www.cnn.com/	GET	text/html	200 OK	
18.408	0.281	1234	iexplore.exe	http://www.cnn.com/.element...	GET	text/html	200 OK	
29.281	0.218	1055	iexplore.exe	http://www.cnn.com/favicon.ico	GET	text/html; c...	302 Found	
29.312	0.234	1450	iexplore.exe	http://www.cnn.com/.element...	GET	text/html; c...	302 Found	

Advanced Search

Using the Search you can easily locate http transactions containing the sought text in the HTTP header and/or content.

Advanced Filtering

Using HTTP Debugger Advanced Filtering, you can hide the unneeded data. The filtering rules can be applied for URLs, HTTP methods, referrers, authorization headers, and cookies, user name, application EXE name, etc.

Advanced Highlighting

Using HTTP Debugger's Advanced Highlighting you may emphasize attention on website data not performing properly, for example: the downloading speed may be very slow. The HTTP Debugger comes with the preset highlighting rules for the most common problems.

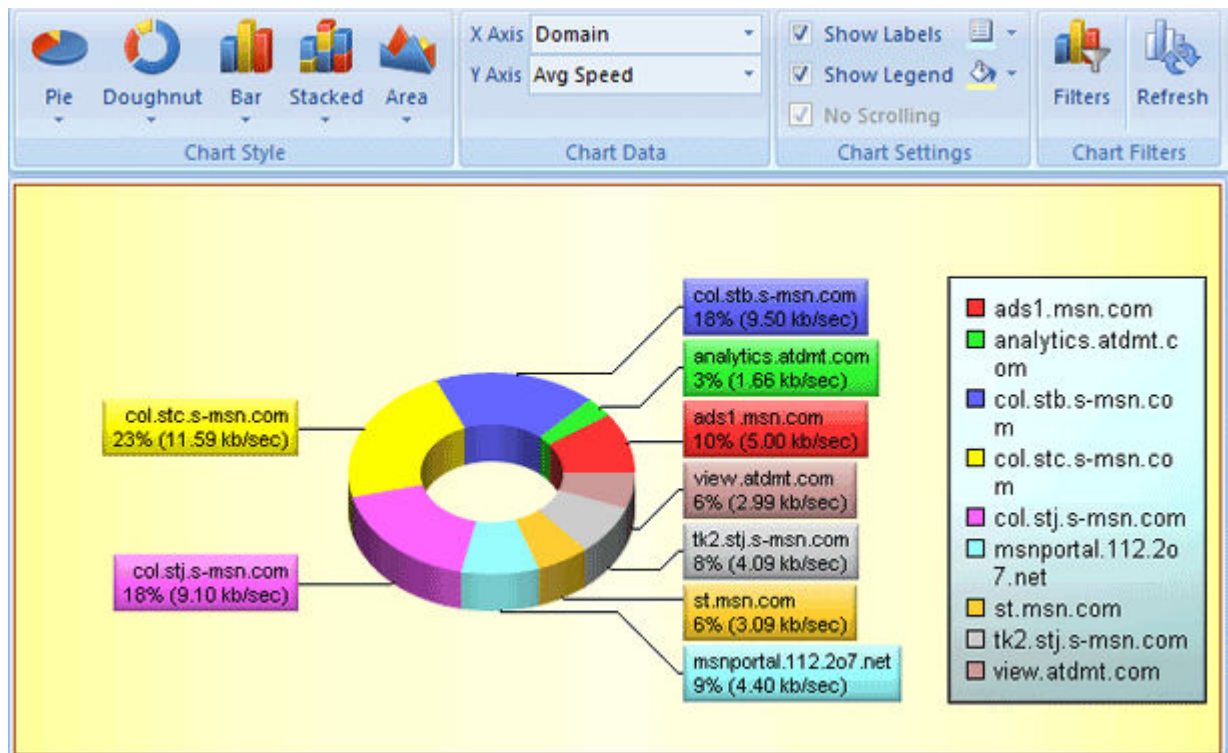
#	Offset	Duration	Size	User	Application	Full URL	Domain	Method	Type	Status
1	0.000	0.281	903	kp	iexplore.exe	http://yahoo.com/	yahoo.com	GET	text/html; c...	301 Moved ...
2	0.764	0.905	132602	kp	iexplore.exe	http://www.yahoo.com/	www.yahoo.com	GET	text/html; c...	200 OK
3	2.309	0.156	1702	kp	iexplore.exe	http://l.yimg.com/d/a/1-/java/...	l.yimg.com	GET	application/...	200 OK
4	2.496	0.156	1814	kp	iexplore.exe	http://l.yimg.com/a/i/ww/thm...	l.yimg.com	GET	image/gif	200 OK

Bookmarks

You can set bookmarks in the main list for quicker navigation. Optionally you may add comments to your bookmarks.

Charts and Diagrams

One of most powerful and unique features of HTTP Debugger is providing an ability to analyze the http traffic in a reprehensive form of charts and diagrams. The HTTP Debugger comes with 20 types of diagrams. For each Diagram Type you may choose what data should be represented on the chart, this includes domain name, content type, status code; item count, data size, average speed, etc.



Save and Restore Sessions

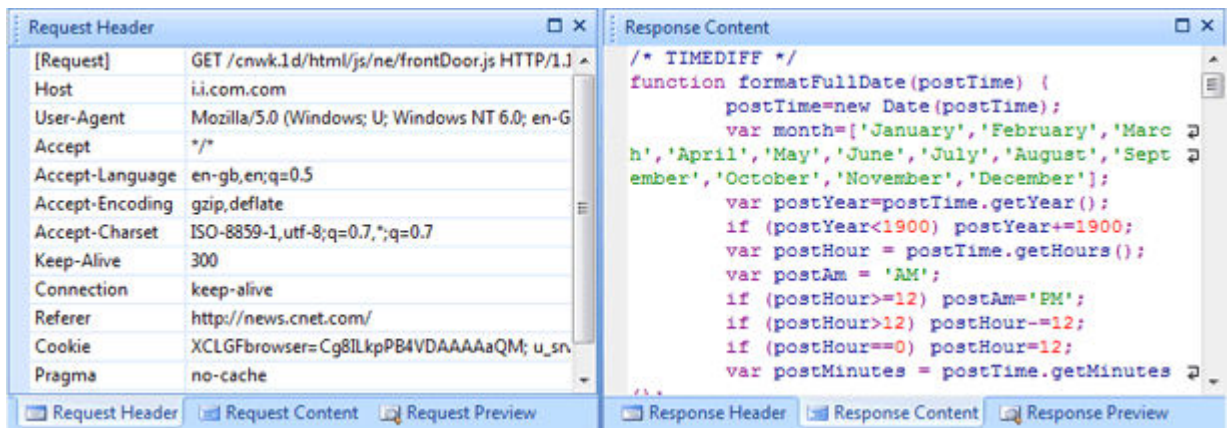
Sometimes reproducing a bug may take several days. The location of the problem source may take even more. With HTTP Debugger you may save your current session to a file and return to your work in few days. After restoring you will have absolutely the same data as at the time you saved it. Moreover, your users may send you the saved sessions as bug evidence. You may save as many sessions as you want.

Exporting Captured Data

You can save all captured HTTP/HTTPS traffic to a log file. You can export a single HTTP transaction, only HTTP headers or complete HTTP traffic including the HTTP content files. HTTP Debugger also allows exporting data directly to the Microsoft Excel.

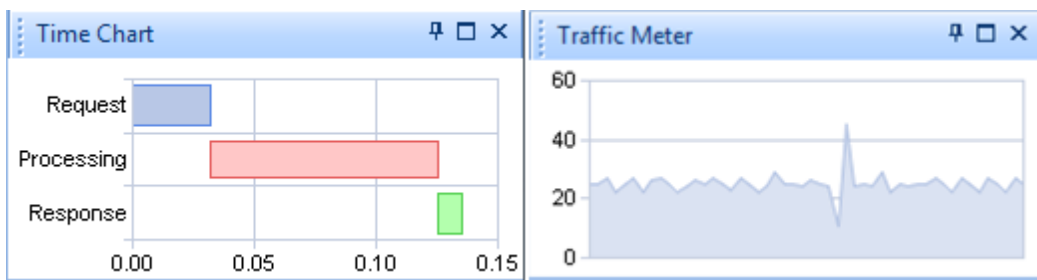
HTTP Request and Response Detailed View

For each captured HTTP transaction, the HTTP Debugger provides comprehensive information on HTTP Request/Response Header parameters, POST data, cookies, etc. The build-in editor provides syntax highlighting for all common file types, including HTML, XML, CSS, JavaScript, etc. You can preview the captured images, Flash movies directly in the HTTP Debugger Preview Pane.



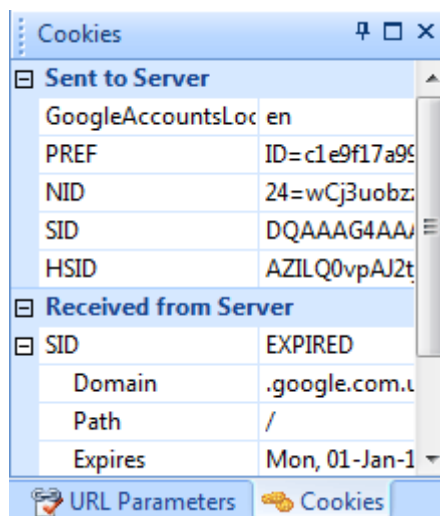
Real-time Charts

Using the **Time Chart** allows you to see the time spent to send the HTTP Request to the server, the time spent by server for processing your request, and the time spent to receive the HTTP response. The **Traffic Meter** allows you to see HTTP traffic dynamics. T



Extended Cookie and URL Parameters

HTTP Debugger automatically decodes the URL parameters and Cookies data showing them in the intuitive tabular format. With HTTP Debugger you can see the cookie's associated domains, paths, session IDs, expiration dates and other information that is sent or received from the web server.



Build-in HTTP Submitter and URL/Text Converter

Using the Built-in HTTP submitter you can simulate any HTTP request to your web server. You can emulate any HTTP method, such as GET, POST, DELETE, etc.; any user agent, such as Internet Explorer, Mozilla Firefox, Google Bot, etc; add custom HTTP header and POST parameters to your request, set authorization headers and upload files to your server. The Built-in URL/Text Converter allows an easy decoding/encoding of the URL, Base64, or Hex encoded text and/or a file.

What do I need to use the HTTP Debugger?

The HTTP Debugger supports Microsoft Windows 2000/XP/2003/Vista and Windows 7. It does not require any special software to be installed onto your computer; neither Java Virtual Machine nor the .NET Framework components.

You can download the Free 14-day Trial version of program from our website at <http://www.httpdebugger.com> web site. The trial version of HTTP Debugger is a fully functional version working without any limitations for 14-days from the moment that you install the application on your computer.