

# Overview of SoftX HTTP Debugger



## What is SoftX HTTP Debugger?

SoftX HTTP Debugger is a full-scale tool for developers for capturing and analyzing all outgoing HTTP requests sent by your programs and/or web browsers, and the corresponding responses from the web server. All captured HTTP traffic can be saved to the local disk. The captured images, HTML or XML code etc can be viewed in the built-in web control.

## What can I do with SoftX HTTP Debugger?

With SoftX HTTP Debugger you can examine each HTTP transaction (single HTTP request and response), view the HTTP header parameter values, cookies, query strings, error codes and etc. Web developers can measure the size, downloading time and performance of their web sites with SoftX HTTP Debugger.

## What do I need to use SoftX HTTP Debugger?

SoftX HTTP Debugger works on Windows 2000/XP/Vista. It does not require any special software to be installed onto your computer; such as Java virtual machine or NET components. It does not require you to change your network and web browser settings. It works with all today's browsers (Internet Explorer, Mozilla Firefox, Opera, etc) and their plug-ins, as well as with your own software programs.

## SoftX HTTP Debugger Main Features

- Capture all outgoing HTTP requests from your own program and/or web browser, and corresponding responses from the web server.
- See the full header and content data for both HTTP request and HTTP response.
- Simultaneously analyze the same page on all modern browsers.
- The **gzip** and **chunked** encodings will be automatically processed by the program.

# Getting started with SoftX HTTP Debugger

## Downloading and Installing SoftX HTTP Debugger

In order to use SoftX HTTP Debugger, please go to the [www.softx.org](http://www.softx.org) download and install it on your computer. After successfully installing SoftX HTTP Debugger on your computer, run it, and the SoftX HTTP Debugger main screen will appear.

## Debugging a program

Before you begin using the program, you must indicate which program you want to debug. Click on **Tools**, then **Debug Program**, then select the program you want to debug, and click on **Run and Debug**. If a program is already running, it will be shown you in the running programs list. Double click on it or select it in the list, and then click on **Attach and Debug**.

### **Viewing HTTP request details**

Select an HTTP request/response in the SoftX HTTP Debugger main screen. You will see the details of this HTTP request/response in the **Summary** pane. Click on **Request Details** at the bottom of the window in order to see the request header and (optionally) its contents. If the requests content contains binary data, then it cannot be shown in the **Request Details** tab. You can to save this request (header and content) onto disk. Click on, **File**, then **Save Selected Item**, or select **Save Content** in the context menu. If your request contains an image, **HTML** or **XML** code, you can view it in the built-in web control by clicking on **Request Preview**.

### **Viewing HTTP response details**

Select an HTTP request/response in the SoftX HTTP Debugger main screen. You will see the details of this HTTP request/response in the **Summary** pane. Click on **Response Details** at the bottom of the window in order to see the response header and (optionally) its contents. If the content contains binary data, then it cannot be shown in the **Response Details** tab. In order to save this response (header and content) onto disk, click on **File**, then **Save Selected Item**, or select **Save Content** in the context menu. If your response contains an image, HTML or XML code, you can view it in the built-in web control by clicking on **Response Preview**.

### **Setting a filter**

If you are analyzing a big web site, then it is possible that too much information will be shown on the main screen of SoftX HTTP Debugger. In this case, you can set up a filter in order to ignore unnecessary information. Click on **Tools**, then **Filters**, choose the **HTTP Parameter** name from the list, or input them manually. Type the parameter value and click on **Add New**. The parameter value must not contain spaces, commas, or other punctuation marks. Use inverted commas in order to input an exact phrase. Check the **Don't show results matching these filters**, or **Show only results matching these filters** depending on your filtering needs. Please remember, that if you select **Show only results matching these filters** and leave the list empty, then all HTTP requests/responses will be filtered.

Please refer to the [SoftX HTTP Debugger manual](#) for more information about using **SoftX HTTP Debugger**.