

# WebSession HTML

WebSession HTML is an automatic 3270-to-HTML conversion product that allows you to access host mainframe sessions over the Internet or your Intranet, using any browser. All you need is a Web server that supports the standard Sun Microsystems Servlet API and TCP/IP access to your host mainframe. As soon as you install WebSession HTML you can log on and use mainframe applications through your Web browser.

WebSession HTML supports automated logon scripts, customized screen settings, and user preferences, all without any modifications to existing mainframe applications.

If you are using the public Internet, you can keep your mainframe session data secure simply by using a secure Web server.

For more demanding situations, WebSession HTML allows multiple levels of customization from editing its properties file to writing custom Java classes or writing your own servlets using the WebSession Development Kit, also available from I/O Concepts.

## A Brief Tour

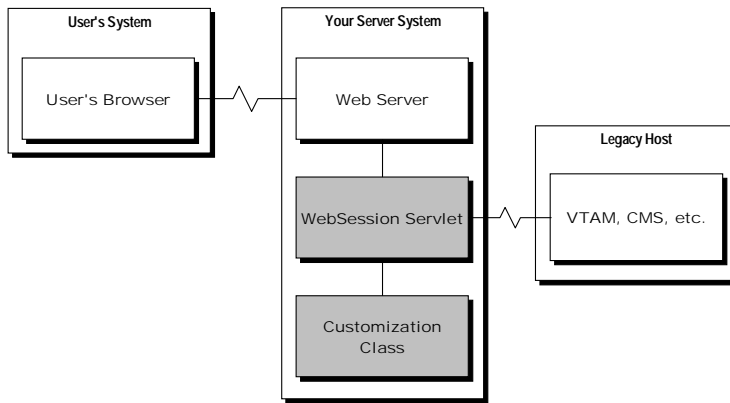
When you access the servlet it sends a page containing a menu of allowed host connections. To connect to a host, select the desired host from the combo box and

click the Connect button. The servlet opens a session to that host and proceeds to execute the logon script for that host. When the script is complete, the servlet converts the host screen to HTML and sends it to the browser. The WebSession HTML session pictured shows the HTML version of the first ISPF screen.

The HTML buttons across the top of the screen are generated from selector-pen-detectable fields in the original 3270 screen image. The servlet interprets a mouse click on such a button as a light pen detection. You can disable or enable the selector-pen-buttons feature for each host.

The function button panel below the 3270 screen image is a delivered .GIF file





You can write your own Java classes to create custom HTML pages using one or more legacy applications. One WebSession Servlet can support multiple users and multiple mainframe hosts

that is used as an image map.

### Customization

Using the WebSession Development Kit, also available from I/O Concepts, you can customize the behavior of the WebSession HTML. You do this by writing a Java class that extends the HostSession class. Your custom class is given complete control of the HTML data that is sent to the user's browser and complete control of the host session. You may even use the WebSession Development Kit to manage multiple host sessions in order to present an integrated view of data obtained from different legacy databases.

A sample custom class is delivered in the file Ioc390.java. Refer to that file and the delivered WebSession HTML documentation for more information.

### Installing WebSession HTML

WebSession HTML requires a Web server that supports the Sun Microsystems Servlet API. You must also install and run a copy of the I/O Concepts Java License Server, which automatically provides four session licenses for evaluation purposes.

The Servlet uses an image map to represent 3270 terminal function keys. The supplied image map is bluekeys.gif. If you wish to use this image map you must be sure your web server can find it and then you must change the Servlet properties file to specify the image map's URL.

All Java class files that are required to run WebSession HTML are delivered in a single JAR file called wshtml.jar.

<p><b>Properties File</b></p> <p>Use the properties file to specify the hosts that you wish the servlet to support, various properties for those hosts and other miscellaneous properties. A sample properties file, wshtml.prop, is delivered as part of the WebSession Servlet installation. Properties that can be set include:</p> <ul style="list-style-type: none"> <li>• the title that will appear at the top of every page generated by the servlet.</li> <li>• the text that is displayed on the first HTML page sent to the user's browser.</li> <li>• the 3278 model that will be used; 3278 Model 2, for example.</li> <li>• the mainframe host being accessed.</li> <li>• the background color for each HTML page to send to the user's browser.</li> <li>• convert selector-pen-detectable fields to HTML buttons</li> </ul>	<ul style="list-style-type: none"> <li>• logon scripts to log on to a mainframe host or put your user into a desired host application.</li> </ul> <p><b>Deliverables</b></p> <p>The following files should be installed in your installation directory:</p> <ul style="list-style-type: none"> <li>• release.txt Release notes</li> </ul> <p>The following files should be installed in the servlet subdirectory:</p> <ul style="list-style-type: none"> <li>• servletReadme.html</li> <li>• servlet*.gif Pictures used in the servletReadme.html page</li> <li>• wshtml.jar A JAR file containing the WebSession Servlet classes</li> <li>• wsdemo A directory containing customization samples</li> <li>• wshtml.prop The servlet properties file</li> <li>• bluekeys.gif The function panel image that the servlet appends to each host page</li> </ul>
---	--