



Server Setup

Ports AppletVIEW uses either HTTP or VITP to communicate between the applets and LabVIEW. HTTP is a standard internet protocol and is most compatible with proxy servers and firewalls. VITP is a more efficient binary protocol that runs on a special port.

When using either HTTP or VITP, the port can be specified. By default, HTTP runs on port 8080, and VITP on port 4749. The server and applets are set up to use these ports by default. If you decide to change them, you will need to change both the server configuration and the applet tags.

Firewalls If your instrumentation system is behind a firewall, you will need to make sure the port you choose is allowed through the firewall.

If your web browser clients are behind their own firewall, they will need to make sure they can initiate a connection to your port through their firewall.

HTTP Proxies If your instrumentation system is behind a proxy server, you will need to use the HTTP protocol, and configure your proxy to pass the appropriate HTTP requests to the AppletVIEW Server. All AppletVIEW instrumentation related HTTP requests use the Post method to a URL starting with:

`/_appletview/`

You should configure your proxy to pass any URLs starting with this path to the server where you are running AppletVIEW. Normal HTTP requests - for pages, graphics, etc. - can be handled by your existing web server (this will include the HTML pages containing AppletVIEW applets and the AppletVIEW JAR files).

If your web browser clients use a proxy to access the internet, you will need to use the HTTP protocol. They will not need to make any special settings to be able to access your instrumentation system.