

## APPENDIX B

# Apache Variants

**THE FACT THAT** Apache is available in source code form has led to it being used as the basis for a number of other Web server products. This is a quick guide to the most important Apache-based servers in the market.

## Stronghold

Initially developed by C2Net Software (now taken over by Red Hat), Stronghold 3 is a one of the more popular Apache-based commercial Web servers. It comes with 128-bit encryption using `mod_ssl`, a complete implementation of latest SSL and TLS standards, and OpenSSL. Stronghold 3 also has a support for global Web server certificates from authorities such as VeriSign and Thawte. It includes a powerful user interface for configuration and is distributed with source to enable the installation of standard Apache modules. Its support for PHP, Perl, and CGI server-side scripting and its availability for platforms such as Unix, FreeBSD, and Solaris has made it very popular. The current version, Stronghold 3, build 3015, is based on Apache 1.3.22. For more information and updates on Stronghold 3, see <http://www.redhat.com/software/apache/stronghold/facts.html>.

## Covalent Fast Start Server

Covalent Fast Start server is also an SSL-based server that's supplied with a fully configured and ready-to-run Apache Web server. It features a graphical interface for easy installation and configuration and Comanche. It also includes popular modules such as `mod_dav`, `mod_php`, and `mod_perl`, along with the Covalent SSL module. Available for Linux as well as Windows, Covalent Fast Start server also supports Java servlets and JSP. Currently, it's available in versions based on Apache 1.3.27 and Apache 2.0.45. For detailed information, see <http://www.covalent.net/products/faststart/>.

## IBM HTTP Server

IBM offers an Apache-based Web server as a plug-in to work with its WebSphere technology. Again, it's an SSL-enabled version, and the current version is IBM HTTP Server 2.0. The IBM package offers an integrated installation and help system that mirrors the interface of the other components of WebSphere, but it's possible to use WebSphere with other HTTP servers, including non-IBM Apache systems. For more information, see [www.ibm.com/software/webservers/httpservers/](http://www.ibm.com/software/webservers/httpservers/).

## WebTEN

Tenon Intersystems has ported Apache to the Power Macintosh platform, under the name WebTEN (<http://ww.tenon.com/products/webten/>). The combination of the networking strength and performance of Unix together with SSL capability, a Squid caching front end, and FTP and DNS serving capabilities has made it a popular choice for Macintosh users. Currently in version 3.0.4, it also uses standard MacOS-style CGI interfaces.

## Apple MacOS X Server

Apple's MacOS X Server is a BSD-based server operating system for Power Macintosh G3 and G4 systems. It provides a complete server solution, combining the power of Unix-based Darwin with open-standard services. It features speedy Web content delivery, QuickTime Streaming Server, and WebObjects 5 deployment, as well as open support for secure and dynamic pages. See <http://www.apple.com/macosx/server/> for details.