



WEB-STAR[®]

CD GUIDED
TOUR

THE STARNINE[®]
INTERNET PUBLISHER CD-ROM

EVERYTHING YOU NEED TO CREATE
THE ULTIMATE INTERNET SITE



LIST-STAR[™]

 StarNine.

Welcome to the StarNine Internet Publisher CD!

This CD contains all the tools you need to create a fast and robust information server for publishing on the Internet and your local network.

WebSTAR® (formerly known as MacHTTP) turns your Macintosh into a powerful World Wide Web Server and ListSTAR™ supercharges your E-mail system into an Internet publishing tool, allowing you to sponsor listserver mailing list discussions and create automated Email-on-demand systems for distributing any kind of information.

Peter Lewis' FTPd is also included for FTP and Gopher file services as well as a variety of Extras, including third-party ACGI applications and AppleScripts for extending the functionality of ListSTAR and WebSTAR.

WebSTAR and ListSTAR provide the core information publishing services you need to create your Internet site. By integrating WebSTAR and ListSTAR, you can create powerful communications services for your users.

After you set up the product you purchased, you can try out a fully functional copy of the other product to see how well they work together. To activate an evaluation copy of either product, you need obtain a temporary serial numbers by contacting StarNine either via the Web at

`http://www.starnine.com/`

or by electronic mail at

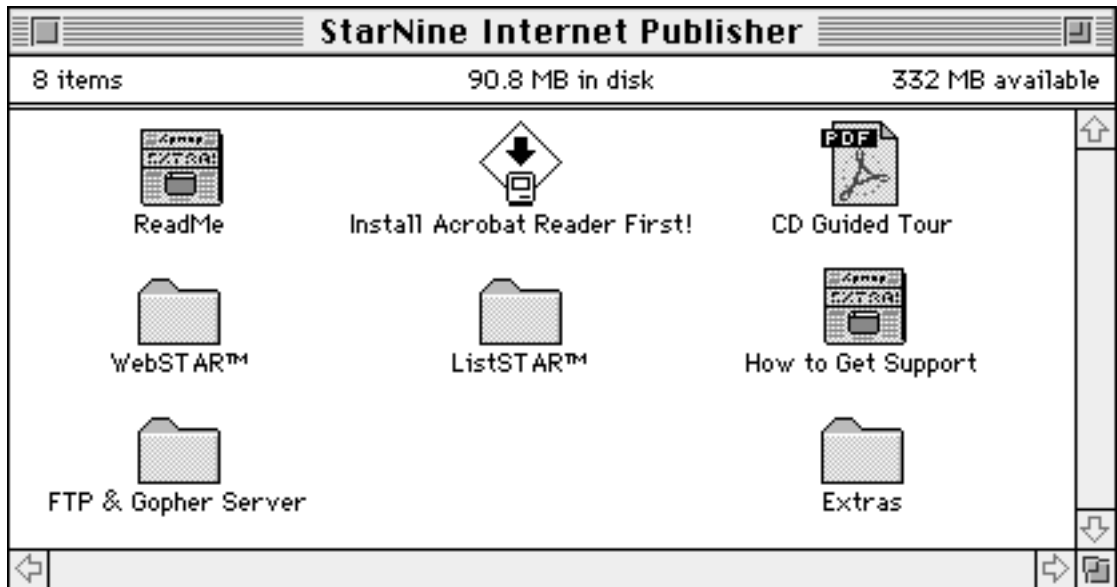
`keys@starnine.com`

or by calling 1-800-525-2580.

The Internet is a rapidly changing environment and our products change rapidly to support it. So, be sure to check our Home Page frequently for the latest scripts, technical tips, and special offers on WebSTAR and ListSTAR add-on products.

How to use this guide

Click on any item to learn more about it...



Or, navigate through this guide to get an overview of the many useful tools on this CD.

Navigating this guide is easy—click on underlined words to jump to that topic. For example, click on the last word of this sentence to

read about WebSTAR. Or, click on any item in a screen shot to learn more about the item.

This guide uses location indicators like this:

Location:



to show where on the CD the software is located. This example location indicator means “Open the StarNine Internet Publisher icon on your desktop, then open the WebSTAR™ folder, and then open the Tools & Enhancements folder.”

To specify a location on the CD in a nested subfolder, this syntax is used:

- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Creating Clickable Maps:MapServe1.5

This example location points to subfolders within the Tools & Enhancements folder within the WebSTAR folder.

Install Adobe Acrobat Reader

Adobe Acrobat software gives you instant access to documents in their original form, independent of computer platform. With the Acrobat Reader, you can view, navigate, print and present any Portable Document Format (PDF) file.

- Author: Adobe Systems Incorporated
- Requirements: Macintosh computer with 68020 (Macintosh II series) or greater processor, MacOS 7.0 or greater, 2 MB application RAM, 4 MB hard disk space, FDHD floppy disk drive or CD-ROM player if installing from physical media
If QuickDraw GX is enabled, Acrobat Reader 2.0.1 requires desktop printing be turned on to print.
- Status: See the licensing agreement in the ReadMe-Reader 2.0.1 file.
- Where: Starnine Internet Publisher:Install Acrobat Reader First!

WebSTAR

Location:

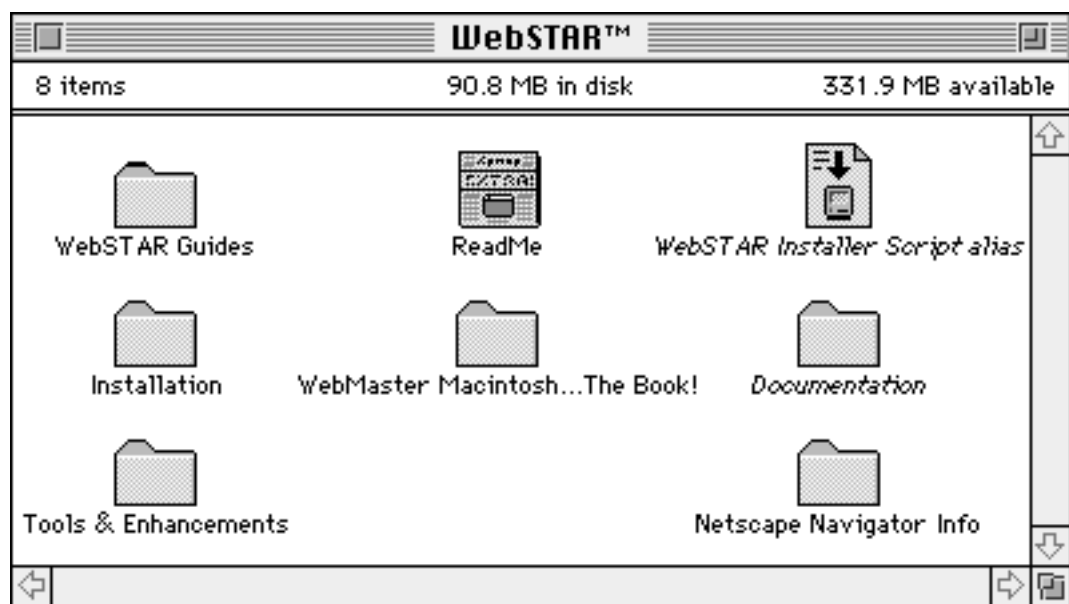


WebSTAR is the most popular World Wide Web server for Macintosh. It lets you publish information to millions of Web users around the world, including hypertext documents, any text file, GIF and JPEG images, and QuickTime™ movies. It is widely extensible through AppleScript and other application formats.

WebSTAR comes preconfigured and ready-to-run, and it's completely compatible with HTML documents you may already have. Just move them onto your Mac and, within minutes, you can have your Macintosh online as a full-fledged Web server. Any Web client (such as Mosaic™, Netscape Navigator, or AOL®) will be able to access the information you publish.

As an upgrade to MacHTTP, WebSTAR boasts many new features, including speed increases of up to 400%. Its multi-threaded, PowerPC-native architecture allows it to easily keep pace with the most powerful Unix servers on the market.

Click on any item to learn more about it...



Installing WebSTAR

To install a temporary copy of WebSTAR, follow the instructions in the Read Me First file. Complete documentation steps you through an easy setup. To activate a temporary copy of WebSTAR, you need a temporary serial number.

WebSTAR documentation

WebSTAR documentation is provided in PDF format or HTML format for accessing in your Web browser software.

WebSTAR guides

The files in this folder are similar to online help files, but they take advantage of Apple's new interactive help features. Apple's guidelines for creating Apple Guide files were used to create this WebSTAR guide file.

- Requirements: This Guide file requires a Mac with System 7.5 or higher and Apple Guide installed.
- The guide file should be located in the same folder as WebSTAR (WebSTAR should be version 1.0 or higher). The guide file can be accessed from the help menu (what used to be the balloon help menu) whenever WebSTAR is running.

- Status: WebSTAR Apple Guide is free. There is no shareware fee. There are no site license fees for the use of this guide within an organization. Individuals within an organization are permitted to make and distribute as many copies of the guide as desired, as long as it is not for profit.

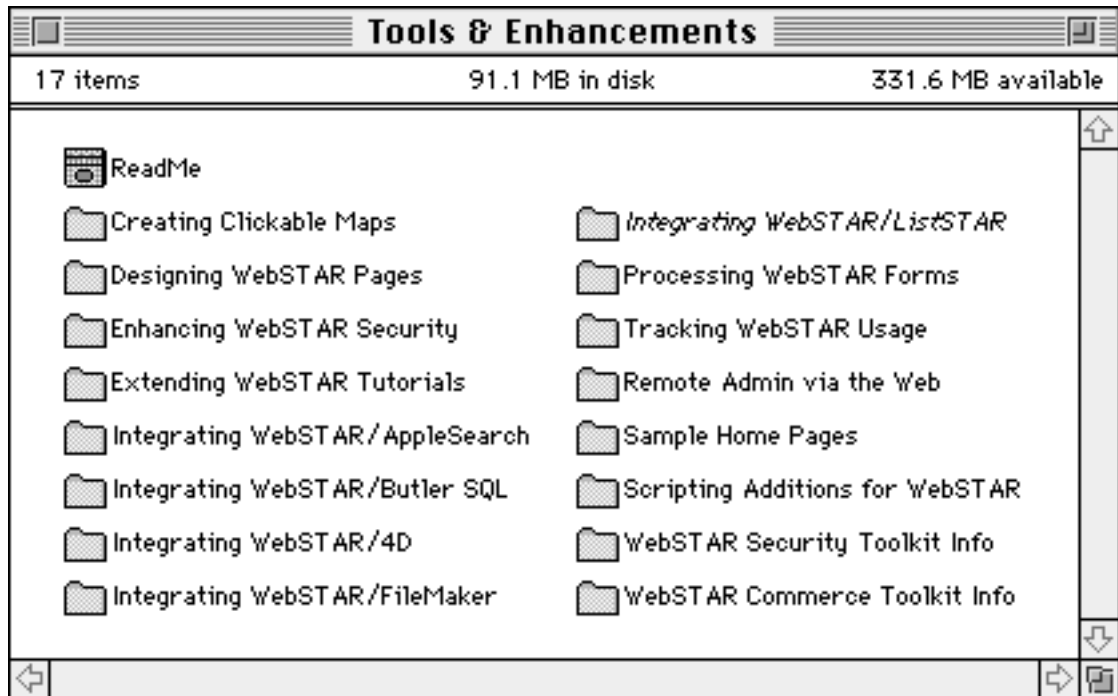
Tools and enhancements for WebSTAR

Location:



One of WebSTAR's strengths is its ability to interact with AppleScripts and CGI (Common Gateway Interface) applications. This folder contains a wide variety of tools and enhancements to the basic WebSTAR server functionality.

In the graphic on the next page, click on any item to learn more about it...



Many third-party developers have contributed demo and shareware software in this folder, so be sure to check the ReadMe in a folder to verify the licensing terms and get more information about the software. In the case of shareware, you pay the author a licensing fee if you decide to use the software past the initial evaluation period.

With demo software, you need to contact the developer directly to purchase the fully functional version of the software.

Creating clickable maps: A clickable map is a graphic that has “hot spot” links to help people navigate your Web site easily. We’ve included several applications to help you create clickable maps.

In addition to the documentation provided with these applications, WebMaster Macintosh...the Book! is a good source of information about creating clickable maps.

→ MapServe 1.5 is a CGI program that allows World Wide Web servers housed on a Macintosh or Power Macintosh computer to serve clickable graphics with “hotspots” that can call any other document available on the World Wide Web via Uniform Resource Locators.

- Author: Kelly Campbell, 1800 Platt St., Apt. 4, Manhattan KS 66502
- Requirements: The MapServe CGI reads information concerning the coordinates of regions on a map from a text file. There are several programs available which facilitate the construction of this file, including:

WebMap for Macintosh:

<http://www.city.net/cnx/software/webmap.html>

MacMapMaker by Don Crockett:

<http://www.ncsa.uiuc.edu/Edu/MMM/MacMapMaker.html>

- Status: Shareware—there is a \$20 fee for registration, updates and support. See the User License in the MapServe 1.5 folder for information on redistribution and the use of this software.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Creating Clickable Maps:MapServe1.5

→ Mac Imagemap is a CGI utility program, designed for easy setup of a clickable WWW-map on a Macintosh.

- Author: Lutz Weimann, Konrad-Zuse-Zentrum für Informationstechnik in Berlin, Heilbronner Straße 10, D-10711 Berlin-Wilmersdorf
E-mail: weimann@zib-berlin.de
- Requirements: The shareware WWW-Server software MacHTTP, up from version 2.0, or the commercial WWW-Server WebSTAR and System 7. The program should run on any Macintosh model.

In addition, Mac ImageMap requires a map-definitions file (the text file from which Mac ImageMap reads coordinates of regions on a map). There are several programs available which facilitate the construction of this map definitions file, including:

WebMap for Macintosh:

<http://www.city.net/cnx/software/webmap.html>

MacMapMaker by Don Crockett:

<http://www.ncsa.uiuc.edu/Edu/MMM/MacMapMaker.html>

- Status: Freeware but not public domain. See the ReadMe in the Mac ImageMap folder for more information on the use of this software.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Creating Clickable Maps:Mac ImageMap

Designing web pages for WebSTAR: A web page is information accessed through URLs (Uniform Resource Locators) on the World Wide Web. Pages are usually formatted using HTML (HyperText Markup Language)—a simple language that lets you format text, specify links, and embed GIF-format graphics.

You can generate and edit HTML text on any platform, using any editor you choose. We've included two of the most popular HTML editors for Macintosh.

→ BBEdit is a sophisticated text editor for the Macintosh.

- Author: Bare Bones Software, Inc., P.O. Box 108, Bedford, MA 01730-0108
E-mail: bbsw@netcom.com
Compuserve: 73051,3255
AppleLink: BARE.BONES
eWorld: BareBones
Fax: (508) 651-7584
- Status: Full Demo of BBEdit and its associated addons, tools, and utilities. See the [BBEdit Product & Pricing Info](#) document in the BBEdit Product Info folder for descriptions and information.
- Requirements: System Software: version 6.0.7 or later, or A/UX 3.0 or later. (System 7.0 or later recommended.)

- Hardware: Macintosh Plus or later; includes all Plus, SE, II, Quadra, Centris, Performa, PowerBook, Duo, Classic, and Power Macintosh models.
- Memory: 450K of RAM minimum. Compatible with Apple VM, 32-bit mode, and Connectix MAXIMA, VIRTUAL, and MODE32 software.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Designing WebSTAR Pages:Bare Bones Software

→ HTML Editor is a semi-WYSIWYG editor for an HTML document.

- Author: Rick Giles, Box 207, Wolfville, N. S. B0P 1X0, CANADA
- Requirements: Macintosh SE/30, Mac II, or other Macintosh with a 68020-compatible CPU. System 7 or higher. At least 2 Megabytes RAM. A larger partition may be needed if you are running in greater than 16 bit color (millions of colors in the Monitors Control Panel).
- Status: Shareware. Registered users will receive free electronic updates of version 1.0. To register, send \$25 and an Internet email address to the author.

- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Designing WebSTAR Pages

→ Clip2gif is a graphics utility for converting Mac PICT graphics to GIF or JPEG, the most widely used graphics formats on the Web. It can also display PICTs and GIFs.

- Author: Yves Piguet, Avenue de la Chabliere 35, 1004 Lausanne, Switzerland
E-mail: piguet@ai.epfl.ch
- Requirements: System 7 or above, 32-bit Color Quickdraw, AppleScript, QuickTime is needed for JPEG conversion.
- Status: Freeware. See the [clip2gif v.0.6 README](#) for more restrictions, usage and distribution information.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Designing WebStar Pages

→ NetCloak and NetForms provide powerful extensions to standard HTML documents.

NetForms allows users to retrieve a list of articles that have been recently added to the server.

NetCloak adds “dynamic” commands that let you insert dynamic information into your documents, such as time of day, date, user’s TCP/IP address, user’s name, and so forth. You can also use NetCloak to create macros for creating and maintaining text that is used repeatedly on your Web pages. See Enhancing WebSTAR security for more NetCloak features. See the NetCloak README file and the complete documentation in HTML format.

- Author: Maxum Development Corp., 2 White Fence Trail,
Streamwood, IL 60107
E-Mail: info@maxum.com
Phone: (708) 608-9440
- Status: Complete NetCloak Demo, which expires after 50 documents have been processed, and complete NetForms Demo, which expires after 30 forms have been processed.
- Where: Starnine Internet Publisher: WebSTAR™: Tools & Enhancements: Designing WebStar Pages

→ WebMaster Macintosh...the Book! includes a good introduction to HTML and information about designing Web Pages.

Enhancing WebSTAR security: WebSTAR has full user-name and password security features as well as the ability to restrict access to the server by domain name and IP address. In addition to these built-in features, you can use Maxum Development Corp.'s NetCloak to hide portions of your HTML documents based on a variety of different criteria. For example, you can use NetCloak to hide links to confidential documents on your server, or to give users a “Weekend Webbing” section of links on your Home Page that would be available only at certain times of day or on specific days. Your “Weekend Webbing” section could even randomly display a few links from a large list, or display a random graphic.

WebSTAR Security Toolkit Info: The WebSTAR Security Toolkit is not yet available. It will provide secure and private connections between Web clients such as Netscape and WebSTAR. Using the Secure Sockets Layer protocol, all data is encrypted so confidential information such as credit card numbers can be transmitted without worry.

Extending WebSTAR tutorials: Jon Wiederspan is one of the leading experts on WebSTAR. His tutorials explain the Common Gateway Interface (CGI) in WebSTAR and how to start building your own CGI applications with AppleScript.

Integrating WebSTAR/AppleSearch: AppleSearch is a WAIS-based product from Apple which allows you to create searchable indexes of unstructured data (like Mac files spread all over your network!) and share these information sources on an AppleTalk LAN.

→ The AppleSearch ACGI provides a mechanism for users to make their AppleSearch information sources available to others on the World Wide Web via WebSTAR.

- Author: Robin Martherus, Apple Computer, Inc.
E-mail: robin@apple.com
Home page: <http://kamaaina.apple.com:8080/robin.html>
- Requirements: WebSTAR 1.0 or later (MacHTTP 1.3.1b1 or later will also work), AppleSearch server software (must be somewhere on your net), MacTCP, and System 7. The AppleSearch server requires a 68040 or better to run.

- Status: See the Apple license agreement in the AppleSearch ACGI folder.
- Where: StarNine Internet Publisher: WebSTAR™: Tools & Enhancements: Integrating WebSTAR/AppleSearch

Integrating WebSTAR/Butler SQL: Butler SQL from Everyware, Inc. is an SQL client-server relational database system for the Macintosh.

→ Butler SQL TEST DRIVE is a general SQL database demo containing a WebSTAR interface demonstration.

- Author: EveryWare Development Corp., 7145 West Credit Avenue, Bldg. 1, Unit 2, Mississauga, Ontario, Canada L5N 6J7
E-mail: support@everyware.com
Phone: (905) 819-1173
Fax: (905) 819-1172
- Requirements: The online documentation requires that Adobe Acrobat Reader be installed. After installation, you need to restart the Macintosh.

IMPORTANT! If a version of Butler SQL is already on your Macintosh read the Installer backup instructions when the Installer is run.

- Status: A demo version is provided. Redistribution is allowed with the proviso that the entire demonstration package and not just individual components be distributed.

Integrating WebSTAR/4D: 4th Dimension is a relational database from ACI and ACI US, Inc.

→ NetLink/4D is a robust ACGI link between WebSTAR and 4th Dimension databases. It lets you use 4th Dimension as an ACGI, which can be executed by WebSTAR. You can use it to let users of World Wide Web browsers like Netscape or Mosaic access your 4th Dimension or SQL databases.

- Author: Foresight Technology, Inc., 4100 International Plaza,
Suite 538, Fort Worth, TX 76109-4818
E-mail (sales): sales@fsti.com
E-mail (support): support@fsti.com
Home page: <http://www.fsti.com/>
Phone (sales): (800) 701-9393

Phone: (817) 731-4444

Fax: (817) 731-9304

- Status: Full functional demo. For pricing and license information visit the Foresight Home page at <http://www.fsti.com/>
- Requirements: Check the NetLink/4D READ ME FIRST! for instructions on using the Demo.

The demo database also has an Aircraft Manufacturer's demonstration. This portion of the demo shows NetLink/4D's image conversion support, which requires that you have Clip2Gif installed in the same folder as WebSTAR.

Integrating WebSTAR/FileMaker: FileMaker is the most popular database on the Macintosh.

→ WEB FM 1.0 allows you to put a web interface on your existing FileMaker Pro databases, or add form and database processing features to your existing Web broadcasting station.

- Author: Eric Bickford, Internet Consultant and Developer, 555 Bryant Street # 386, Palo Alto, CA 94301
E-mail: eric@macweb.com
Home page: <http://www.macweb.com/>

- Status: Demo, expires 30 days after installation. See the WEB FM 1.0 ReadMe for more information on the commercial version.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Integrating WebSTAR/FileMaker

→ FMPro.acgi is an ACgi that implements an interface between WebSTAR and FileMaker Pro that can add, delete and find records in a FileMaker database. Web users can then access information in your FileMaker database via a Web page. They can also create, delete and update records as appropriate.

- Author: Chuck Shotton
- Requirements: The “Decode URL” and “Tokenize” AppleScript extensions (OSAX) must be present in the Scripting Additions folder inside the Extensions folder within the System folder.
- Status: Freeware demo, provided as is.
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Integrating WebSTAR/FileMaker

Processing WebSTAR forms: NetForms from Maxum Development allows users to contribute to the information published on your Web Server, instead of just retrieving it. It converts information entered in a form to formatted HTML documents, which can then be read by other Web clients.

Tracking WebSTAR usage: You can create custom log formats to track information about your WebSTAR server usage.

- WebStat 2.3.4 is a program that summarizes MacHTTP and WebSTAR transmission statistics
- Author: Phil Harvey, Physics Dept. Queen's University
Kingston, Ontario K7L 3N6
E-mail: phil@nsun.phy.queensu.ca
 - Status: Program and source code is provided as is. The source code can be modified or included in other projects provided due credit is given to the author
 - Where: Starnine Internet Publisher: WebSTAR™: Tools & Enhancements: Tracking WebSTAR Usage

- ServerStat and ServerStat Lite analyze log files created by Macintosh server programs. Additionally, these products create reports of Server activity.
- Author: Kitchen Sink Software, Inc. 903 Knebworth Ct.
Westerville, OH 43081
E-mail (sales): Forsythe.14@osu.edu
E-mail (support): Bush.49@osu.edu
Phone (continental US): 800-235-5502
Phone (central Ohio and everywhere else): 614-891-2111
 - Status: ServerStat is a commercial version which has additional capabilities beyond ServerStat Lite. ServerStat Lite is shareware with a 30-day trial usage without charge. See the ServerStat Manual for additional information.
 - Restrictions: At present ServerStat and ServerStat Lite analyze logs from GopherSurfer (freeware developed by the University of Minnesota gopher://boombox.micro.umn.edu), MacHTTP (shareware version of WebSTAR) and WebSTAR.
 - Where: Starnine Internet Publisher: WebSTAR™: Tools & Enhancements: Tracking WebSTAR Usage

Remote Admin via the Web: You can use the Asynchronous Common Gateway Interface (ACGI) application in this folder to change the configuration of the WebSTAR server by using an HTML form in a Web client such as Netscape.

- Admin.acgi is an ACGI application that allows for the remote configuration of WebSTAR through a form HTML.
- Author: Chuck Shotton
 - Status: Part of WebSTAR version 1.2.
 - Requirements: The three scripting additions, Decode URL, ACME Replace and Tokenize must be present in the Scripting Additions in the Extensions folder in order for the admin.acgi to work.
 - Where:Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Remote Admin via the Web

Sample home pages: By far the best way to start planning your own Web site and designing a home page is to see how others have done theirs. The CD contains two samples: Princeville Resort Web Site and Star Web Sites.

- Star Web Sites—Brad Schrick, Macintosh Web Master Extraordinaire, has kept independent lists of WebSTAR servers since October 1994. Brad's list is a great way to see how other WebSTAR users have set up their own home pages and what the possibilities are for your own! Note: Links to Brad's home page are available on the WebSTAR Home Page on <http://www.starnine.com/>
- The Princeville Resort Web site is an example of an entire WebSTAR site that makes superb use of all aspects of Web design, including excellent copy, layout, photography, on-line forms, and clickable image maps.

Scripting additions: This folder contains tools and samples that will help you develop your own extensions to WebSTAR.

- AppleScript 1.1.1 from Apple Computer, Inc. contains the full AppleScript package, including the scriptable Finder. This package provides the scripting system you'll need to write or run AppleScripts.
 - Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Scripting Additions for WebSTAR
- ACME Script Widgets contains a series of AppleScript additions, which add functionality to the AppleScript language. These additions cause scripts to execute from 2 to 20 times faster and require fewer lines of code. Complete documentation explains how to set them up and use them.
 - Author: Wayne K. Walrath
E-mail: walrath@cs.indiana.edu
Contact: ACME@kagi.com
 - Status: Demo. You may try ACME Script Widgets 2.1 for a period of 45 days from the date you first install it. After expiration of the evaluation period you must either purchase a license or remove the software from all computers at your site.

- Where:Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Scripting Additions for WebSTAR:ACME Script Widgets

→ Encode URL should be used to prepare any text strings that are part of a URL for return to a WWW client. It encodes illegal URL characters using the %xx encoding scheme.

- Author: Chuck Shotton
- Status: Public domain
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Scripting Additions for WebSTAR:Encode URL

→ Decode URL should be used to prepare any text strings that are part of a URL for return to a WWW client. This code demonstrates how to build an OSAX for use with WebSTAR and AppleScript. it decodes %xx encodings in form arguments and URLs passed as strings to it.

- Author: Chuck Shotton
- Status: Public domain
- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Scripting Additions for WebSTAR:Decode URL

→ Script Tools 1.3.2 contains a series of AppleScript additions which add functionality to the AppleScript language.

- Author: Mark Alldritt, 1571 Deep Cove Road, North Vancouver, B.C., CANADA V7G-1S4
E-mail: alldritt@wimsey.com
- Requirements: System 7 or later and AppleScript 1.0. A Word Processor capable of reading MS Word 5 format files is required to display the documentation (you can also use the Open Dictionary command in the AppleScript Script Editor to view a brief description of each Script Tools command). Apple's Speech Manager is required to use the Speak, List Voices, and Get Voice commands.
- Status: Freeware for personal use. Script Tools may not appear as part of any promotional offer or commercial product without the author's expressed written permission. Commercial re-distribution licences are available at a modest price through the author.

When distributing Script Tools, please distribute the entire package as you received it.

- Where: Starnine Internet Publisher:WebSTAR™:Tools & Enhancements:Scripting Additions for WebSTAR:Script Tools 1.3.2

→ Using Perl with WebSTAR is a page that contains URLs to sites where you can find the items you need to use perl scripts with WebSTAR (the MacPerl application itself and the MacPerl CGI), as well as useful information about integrating perl scripts with WebSTAR.

WebSTAR Commerce Toolkit Info: The WebSTAR Commerce Toolkit is not yet available. The Commerce Toolkit will add support for commercial transactions to WebSTAR via the First Virtual Internet Payment System, credit-card processing, as well as other electronic payment methods. With the Commerce Toolkit, you'll be able to market goods and services directly to people who visit your site.

WebMaster Macintosh...the Book!

WebMaster Macintosh, by Bob Levitus and Jeff Evans, is the definitive reference for developing your own Web site with WebSTAR. The entire book is available in Acrobat format on the StarNine Internet Publisher CD.

- Authors: Bob Levitus and Jeff Evans, AP PROFESSIONAL
E-mail: app@acad.com.
Phone: 1-800-3131-APP or 1-407-345-2525
Fax: 1-800-874-6418
- Status: Commercially available in bookstores or direct from AP PROFESSIONAL in printed form and CD-ROM for \$29.95; 336 pages; ISBN: 0-12-445574-3
- Where: StarNine Internet Publisher: WebSTAR™: WebMaster Macintosh...The Book!

Downloading Netscape Navigator™

HyperText Markup Protocol (HTML) is the language used to design linked text files for access through World-Wide Web browsers. Much of the information on this CD (and on the Web!) is provided in HTML format, as are many of the documents served by WebSTAR.

To read HTML documents, we recommend using Netscape Navigator for Macintosh (although browsers such as MacWeb and Mosaic will work just as well).

For more information about how to get Netscape Navigator, [click here](#).

ListSTAR

Location:



ListSTAR offers powerful and customizable listserver and Email-On-Demand services. Like WebSTAR, ListSTAR is widely extensible through AppleScript—in fact, anything you can control with AppleScript, you can control by E-mail when you integrate scripts with ListSTAR.

ListSTAR administrators use a very intuitive point-and-click interface to create “services”—sets of rules associated with a particular e-mail account.

The rules interpret incoming messages and respond to them in whatever way you specify. For example, a listserver might have rules for automatically adding and deleting subscribers, forwarding mail to list members, compiling a digest of the list discussions, and so forth. An Email-On-Demand system could have rules to reply to incoming messages with data formatted either as simple text messages or as binary attachments.

Click on any item to learn more about it...



ListSTAR is available in four forms:

- ListSTAR/SMTP, which runs by itself as an SMTP server;
- ListSTAR/POP, which runs as a POP/SMTP client; and
- ListSTAR/QM and ListSTAR/MS, which run as QuickMail and Microsoft Mail clients, respectively.

The client forms are easy to add to a QuickMail, Microsoft Mail for AppleTalk or POP3 mail environment. The higher performance, higher throughput SMTP version of ListSTAR is configured as an

independent SMTP host on a TCP/IP network allowing much more efficient mail processing.

Installing ListSTAR

To install a temporary copy of ListSTAR, follow the instructions in the Read Me First file. Complete documentation steps you through an easy setup. To activate a temporary copy of ListSTAR, you need a temporary serial number.

ListSTAR documentation

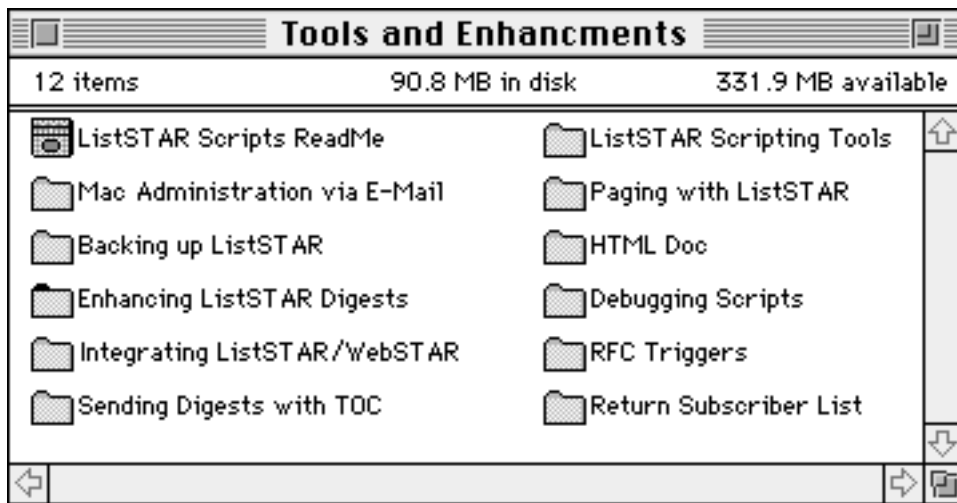
Complete documentation for all four versions of ListSTAR is available in PDF format. To open the Getting Started guide for ListSTAR/SMTP, [click here](#).

Tools and enhancements for ListSTAR

Location:



Some of ListSTAR's most useful features are its ability to execute AppleScripts and receive Apple events. Click on any item to learn more about it...



Administering your Mac through E-mail: This folder contains a script that allows you to use ListSTAR accounts as a Macintosh “remote control”.

- Restart is a script that illustrates how ListSTAR can administrate your Mac remotely via applescripts and e-mail. This is a simple, open-ended example that restarts your Mac. You could also have the computer toggle file-sharing, speak, or any other Apple Event aware action.
- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
 - Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Mac Administration via E-Mail

Backing up ListSTAR: This folder contains a script that backs up all essential files to a ListSTAR server, so your ListSTAR system can be recovered easily in case of corruption or unexpected problems.

→ Backup ListSTAR performs the required backup.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
- Where: StarNine Internet Publisher:ListSTAR™:Tools & Enhancements:Backing up ListSTAR

Enhancing ListSTAR digests: The Enhancing ListSTAR Digits contains three scripts which will manage a full-featured digest system. These scripts generate a Table of Contents for the digest file, send the digest to the list, and save the digest in HTML format. See the [Do Digits ReadMe v3.0.2](#) for requirement details and set-up instructions.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well.)
- Required scripting additions:

[save/read data OSAX](#)

[ACME Replace OSAX](#)

JonsCommands 1.3.6, available from these FTP servers:

`ftp://gaea.kgs.ukans.edu/applescript/osaxen/
JonsCommands136.sit.hqx`

`ftp://gaea.kgs.ukans.edu/applescript/osaxen/
JonsCommands136.sit.hqx`

GTQ Scripting Library, available from:

`ftp://gaea.kgs.ukans.edu/applescript/osaxen/
gtqscriptlib1.2.sit.hqx`

- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Enhancing ListSTAR Digests

Integrating ListSTAR with WebSTAR: : This folder contains an ACgi application and HTML forms. You can use these together to integrate ListSTAR and WebSTAR by creating graphical front ends to Listserver mailing lists on the Web. Typically, E-mail users have to send (and remember!) arcane commands to an address list in order to subscribe, unsubscribe or retrieve a digest of the list discussion. With the sample scripts and forms provided here, it's now much easier for users to subscribe and unsubscribe to your lists via a Web page served by WebSTAR.

When you use this script with the Do Digest script or FTP and Gopher, WebSTAR users can also view mailing list digests in their Web browsers. And, of course, you can take advantage of the Web to publicize and educate people about your list.

→ Address-List-Editor.acgi allows you to edit the address lists of a ListSTAR server from a Web browser. The script will subscribe, unsubscribe, and check the list for subscription entries. See the Address List Editor v1.0 ReadME for requirement details and set-up instructions.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).

Version 1.0 or later of both WebSTAR and ListSTAR.

- Required scripting additions:

Script Tools 1.3.2 Additions

ACME Tokenize

Decode URL

DePlus OSAX

- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Integrating ListSTAR/WebSTAR

Paging with ListSTAR: The PageNOW! and Notify! scripts allow ListSTAR to send pages as part of a mail-activated rule. This allows users to send mail to a ListSTAR service and trigger a rule to send a page to the user specified in a mail message processed by ListSTAR.

→ The Notify! folder contains two scripts that allow ListSTAR to send pages.

“Notify! Send Page” will send a page to a Notify! subscriber. It gets the subscriber name from the subject field of the incoming e-mail message, and the body of the page from the body of the message. Because it checks these fields of the message, the script must be saved as uncompiled text so that ListSTAR can append variable information and compile it.

“Return Notify! Subscribers” sends a list of Notify! subscribers and groups to the sender of the mail which triggered the rule.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).

Notify! allows you to send pages from your computer using a modem. More information on Notify! can be obtained from the following locations:

Ex Machina, Inc., 11 East 26th Street - 16th Floor, New York,
NY 10010-1402

E-mail: notify@exmachina.com.

Compuserve: 76004,3427

Applelink: EXMAC.INFO

MCI Mail: Ex Machina

Home page: <http://www.exmachina.com/>

Phone (sales): (800) 238-4738

Phone: (212) 843-0000

Fax: (212) 843-0029

- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Paging With ListSTAR:Notify!

→ The PageNOW! folder contains two scripts that allow ListSTAR to send pages to PageNOW! subscribers.

“PageNOW! Send Page” will send a page to a PageNOW! subscriber. It gets the subscriber name from the subject field of the incoming e-mail message, and the body of the page from the body of the message. Because it checks these fields of the message, the script must be saved as uncompiled text so that ListSTAR can append variable information and compile it.

“Return PageNOW! Subscribers” will send a list of PageNOW! subscribers and groups to the sender of the mail which triggered the rule.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).

PageNOW! allows you to send pages from your computer using a modem.

More information on PageNOW! can be found from the following locations:

Mark/Space Softworks, 111 W St. John, 2nd Floor, San Jose, CA 95113

E-mail: mspace@netcom.com

Compuserve: 73244,3333

AOL, AppleLink: MarkSpace

<ftp://ftp.netcom.com/pub/ms/mspace>

Phone: 408-293-7299

Fax: 408-293-7298

- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Paging With ListSTAR:PageNOW!

Sending digests with TOC: This script adds a simple Table of Contents to an outgoing digest. It assumes you are starting with copies of the “Listserver Demo” and “Listserver Timer” services that are installed with ListSTAR. New copies of these demos can be installed from the Installer if the originals have been substantially altered.

There are three versions of this script included one for ListSTAR/SMTP and ListSTAR/POP one for ListSTAR/MS and one for ListSTAR/QM. The different versions are necessary because these three mail platforms have different requirements on the fields needed to send a message.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
- Where: StarNine Internet Publisher:ListSTAR™:Tools & Enhancements:Sending Digests with TOC

ListSTAR scripting tools: The other files and folders in the ListSTAR Tools & Enhancements folder contain items you'll need to use in conjunction with many of the ListSTAR AppleScripts.

- Script tools 1.3.2 includes extensions to the AppleScript package.
- AppleScript 1.1.1 includes the full AppleScript package, including the scriptable Finder.
- ACME Script Widgets Demo 2 includes scripting additions.
- Decode URL is used to prepare any text strings that are part of a URL for return to a WWW client
- DePlus OSAX is a CGI that strips a plus character from text.
- save/read 1.3 is a script that saves AppleScript data to a disk file.

HTML doc: The HTML Doc folder contains HTML-format documentation for the sample AppleScripts. You can read it in Netscape Navigator or another WWW client.

Debugging Scripts: The Return Parameters script returns the variables passed to it by ListSTAR in a mail message to the sender of the mail.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Debugging Scripts

RFC Triggers: These scripts read the RFC headers of an incoming message. The “Check for Precedence Bulk RFC” script allows you to check for the “Precedence: Bulk” header. The “X-Planation” script utilizes the Speech Manager to read the “X-Planation” field of incoming mail.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:RFC Triggers

Return Subscriber List: These scripts generate replies to the sender with a formatted list of subscribers to an address list.

- Requirements: AppleScript as well as the scriptable Finder. (An install of System 7.5 or later guarantees compatibility, although System 7 Pro may work as well).
- Where: Starnine Internet Publisher:ListSTAR™:Tools and Enhancements:Return Subscriber List

FTP and Gopher

Location:



FTP and Gopher file services are used on Web sites to provide simple file transfer capabilities. Most Web browsers handle FTP and Gopher file transfers transparently. Usually, the Web browser user is unaware that the backend server is using FTP to transfer files instead of HTTP (the Web protocol). In addition, FTP can be used to remotely update the files on your WebSTAR server from anywhere on the Internet. FTPd is compatible with most FTP, gopher, and Web clients.

- FTPd is an FTP (File Transfer Protocol) and Gopher server for Macintosh. FTP and Gopher file services are frequently used in conjunction with Web sites to provide simple file transfer capabilities.
- Author: Peter Lewis, 10 Earlston Way, Booragoon WA 6154, AUSTRALIA
 - Requirements: FTPd & FTPd Setup require System 7 with File Sharing turned on, MacTCP 1.1 (or later).

- Status: Shareware—StarNine has paid the single-user shareware license fee for the FTPd package contained on this CD-ROM.
- Location: Starnine Internet Publisher:FTPd and Gopher Server

Complete documentation is provided for the FTPD and Gopher server.

The Internet Configuration System stores shared Internet preferences like your E-mail address. FTPd uses the settings to figure out extension mappings, so you should run it at least once to initialize those mappings and fill in your personal details.

Extras

Location:



The Extras folder contains support software and information for your Internet site.

Support toolkit

The Support Toolkit folder contains tools that will help you pinpoint the cause of problems you might see. The information you can obtain by using these tools will help

→ MacsBug is Apple Computer's assembly debugger for the Macintosh included as part of the support toolkit. See the [ReadMe](#) in the MacsBug folder for instructions on the use of MacsBug.

- Author: Apple Computer
- Status: Distributed on this CD through a licensing agreement with Apple computer. Redistribution of MacsBug is prohibited without consent from Apple Computer.

- Where: Starnine Internet Publisher:Extras:Support Toolkit:MacBug

→ SMTP Test is StarNine's utility for testing and verifying TCP/IP and SMTP connectivity. See the SMTP Test Administrator's Guide and MacTCP Administrator's Guide for details on setting up TCP/IP.

- Author: StarNine Technologies, Inc.
- Status: Distributed on this CD free of charge. SMTP Test may not be redistributed without written consent from Starnine Technologies Inc.

Scripting solutions

The Scripting Solutions folder contains all the scripting tools you need for creating your own extensions to WebSTAR and ListSTAR.

→ save/read 1.3 is a script that saves AppleScript data to a disk file. This is faster and more useful than passing data indirectly via an editor. In addition, the type and creator of the file can be parameterized. This allows you to save the results of a script and more. See the Save OSAX ReadMe 1.3 for further information.

- Author: PAUTEX Jean-Francois, 14, AV Milton 54000 Nancy, France, E-mail: pautex@lpmi.u-nancy.fr

- Where: Starnine Internet Publisher:Extras:Scripting Solutions:save/read 1.3
- DePlus OSAX 1.0 is a WebSTAR extension that's based on Decode URL by Chuck Shotton. This code converts "+" to spaces in text passed to it.
- Author: Jon Wiederspan, based on Decode URL by Chuck Shotton.
 - Status: Public domain
 - Where Starnine Internet Publisher:Extras:Scripting Solutions:DePlus OSAX 1.0
- Script tools 1.3.2 includes extensions to the AppleScript package.
- AppleScript 1.1.1 includes the full AppleScript package, including the scriptable Finder.
- ACME Script Widgets Demo 2 includes scripting additions.
- Using Perl with WebSTAR tells you how to integrate MacPerl scripts.