Netscape 7.1 Highlights

PR Contact:Derick Mains– (650) 937-4927

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OF NETSCAPE 7.1

Highlights of Netscape 7.1

Get the most from your time online

The new Netscape 7.1 puts you in control: fast, efficient browsing and e-mail, the #1 instant messenger, Radio@Netscape Plus and much more.

Netscape 7.1 is optimized for key things you do on the Web—browsing, searching, communicating, downloading files, and playing music. With new Pop-up Controls and Junk Mail Filtering, your online experience gets even better. Netscape 7.1 delivers enhanced performance and stability with an improved Netscape Gecko browser engine that speeds the most common online activities.

Within Navigator, convenient, timesaving features let you quickly browse multiple Web sites in a single window, and more easily print, search the Web, and download files. Communicating on the Web is better than ever with Junk Mail Filtering.   More powerful e-mail enables you to efficiently organize and manage all your online communications. Integrated AOL® Instant Messenger™ (AIM®) is always at your fingertips, and lets you add personality to your messages with custom Buddy Icons. Netscape 7.1 also includes the new Radio@Netscape Plus that lets you pick stations that suit your style.

Download Free Netscape 7.1 today at http://browsers.netscape.com.

Netscape 7.1 builds on the key features of Netscape 7.0 and is a robust integrated suite of software that includes:

- ❑ Navigator browser
- ❑ Mail & Newsgroups
- ❑ Address Book
- ❑ AOL Instant Messenger

- ❑ Composer web page editor
- ❑ Radio@Netscape Plus
- ❑ Plug-ins

There are many unique advantages that Netscape 7.1 offers over prior Netscape browsers and competitive products. Throughout this guide, we use icons to visually indicate these advantages; when Netscape 7.1 has a clear advantage compared to other products, or has a new feature since Netscape 7.0, you will see these icons:

- ◆ **UPG** A reason for Netscape 4.x and 6.x users to upgrade
- ◆ **WIN** An example where Netscape 7.1 has a unique advantage over other browsers
- ◆ **NEW** New since the release of Netscape 7.0

Fast and efficient browsing and e-mail

Has your time on the web been reduced to closing pop-up windows and sifting through junk mail? Netscape 7.1 puts you back in control and lets you use the Web more efficiently. Netscape Navigator simplifies and streamlines the most common online activities, and Netscape Mail is a powerful and a complete tool to manage e-mail the way you want.

Here are some of the features in Navigator and Mail that save you time and fit the way you use the Web:

♦ **BROWSING**

❑ Pop-up Controls let you block unwanted pop-ups and keep the ones you want for sites you trust. Once you have turned pop-up blocking on, Netscape 7.1 will notify you when a pop-up is blocked just in case you did want to see the pop-up. **NEW WIN UPG**

❑ International Domain Names (IDN) let users type in domains in their native language. Web sites no longer have to register their domain in the English language only. Netscape 7.1 is the first browser with IDN support. **NEW WIN UPG**

❑ Automatic Image Sizing shrinks individual photos and images to fit within a browser window. With a click on the mouse, you can zoom out to view the image in its original size. **NEW UPG**

❑ Find As You Type makes finding text and links on a page faster. Just start typing the word, phrase, or link that you are looking for within a page. **NEW**

❑ Tabbed Browsing changes the way you browse the web by letting you keep track of multiple sites or pages at once within a single browser window. You'll also view more web pages -- as tabs load in the background, you can read the current page while waiting for others to download. You can easily click between pages when the pages are done loading. **WIN UPG**

❑ Home Page Groups let you customize your Home Page as a group of Web sites in a Tabbed browser window. Clicking on the Home button takes you back to the sites you visit most often. **NEW WIN UPG**

❑ Open your favorite news, entertainment or finance sites within Tabbed Browsing then file them as a Groupmark—a timesaving way to later visit a set of pages or load your favorite sites each day. **WIN UPG**

❑ Quick Launch speeds start-up time for the browser. Now, get online with Netscape 7.1 faster than ever before. **WIN UPG**

❑ To maximize screen space, Full Screen Mode lets you see more of a Web page when you need to. This is great for viewing web content on laptops or smaller desktop screens. **UPG**

♦ **DOWNLOADING AND SAVING FILES**

❑ Download multiple files at once and reliably pause and resume a download if your Internet connection is interrupted or you need to use your connection to make a phone call. **WIN** **UPG**

❑ Download Manager keeps track of all your downloads from one place. View information on the status of your download, percentage complete, download location, source, time remaining and more. **WIN** **UPG**

❑ What used to take several steps to download and save a complete Web page, now takes only one. In a single action, save a page with all of its graphics files (GIFs and JPEGs). You no longer need to download each file of a Web page to capture all the content for that page. **UPG**

♦ **SEARCH**

❑ Instead of going to a search Web site, start your web search directly from the Location bar. Just type in a search term and click on the search button to begin your search. You can easily add more search engines to Netscape 7.1. **WIN** **UPG**

❑ Already have a favorite search provider? Netscape 7.1 gives you the flexibility to select your favorite search engine, like Google, Lycos, Overture, and more.

❑ The Click-to-Search feature lets you easily search on any word you highlight in a Web page without having to leave the page. The results appear in a separate window and in the Search tab in My Sidebar.

❑ Less scrolling and fewer back button clicks mean faster searches. My Sidebar Search Tooltips let you see more detailed information about search results within the Search Sidebar Tab.

♦ **PRINTING**

❑ What you see is what you print with new Print Preview and Page Set-up tools. You have more control over the output, sizing, margins, scale, and even headers and footers. **UPG**

♦ **MAIL**

❑ Junk Mail Filtering gives you back your inbox.   The Junk Mail Filter is designed to block Junk Mail that is specific to you. Netscape 7.1 also gives you the flexibility to do what you want with your junk mail, to move it immediately to trash or to a special junk folder. **NEW** **WIN** **UPG**
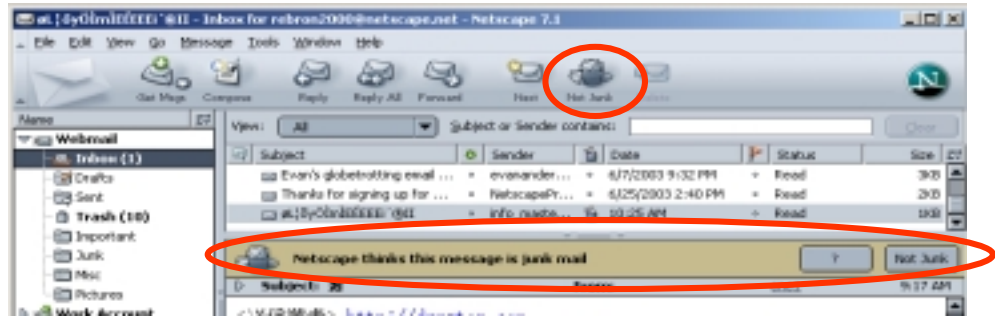
❑ Mail Views helps you sort through your mail with a fixed view. You can quickly view only mail from people you know, the most recent mail, or only mail with attachments. You can also create your own mail views. **NEW** **UPG**

❑ Address Book Palm Sync lets you synchronize your Netscape Address Book with your Palm handheld device[1]. **NEW**

❑ Netscape's fastest e-mail product ever—faster scrolling, quickly open message windows to compose reply and forward messages. **NEW** **WIN** **UPG**

❑ Find an e-mail address or message within your e-mail inbox lightning-fast. Type only a few letters in the Quick Search field, and matching results come up based on the subject line or sender—instantly. **WIN** **UPG**
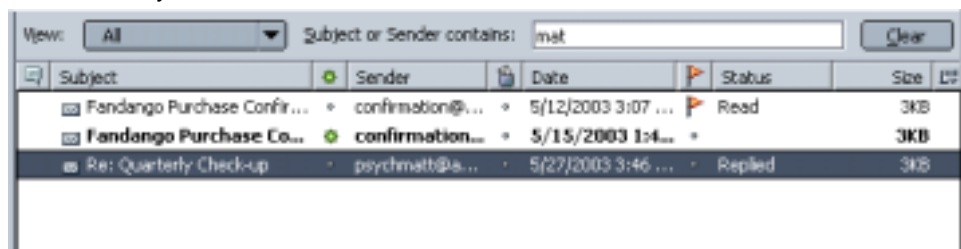
❑ Mail alerts give discreet notification of new mail messages in your computer's system tray— even if you don't have Netscape 7.1 open on your desktop[2]. **UPG** **WIN**

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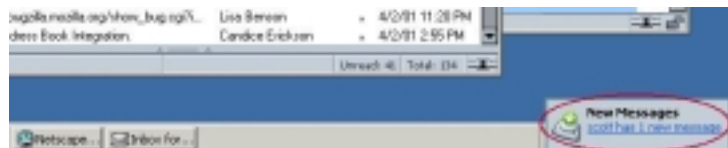
[1] Supported in the Windows version of Netscape 7.1.
[2] Supported in the Windows version of Netscape 7.1.

❑ Organize your inbox or folders with color-coded Mail Labels that correspond to a category that you set, such as "ASAP," "To Do," "Personal," or a project name. You can then sort by Label to help you prioritize or find a message. **WIN** **UPG**

❑ Simplified Mail Filters offer an easy and personalized way to organize e-mail or quickly send spam messages to the trash. **WIN** **UPG**

❑ Get directions fast from your Address Book in one click. The Get Map button from within an address card serves up immediate results from MapQuest®. **WIN** **UPG**

Fully integrated AIM—the #1 instant messenger

The growth in instant messaging has exploded over the past few years, with AIM leading the way as the world's most popular instant messaging service. Its extensive use among friends and family—and increasingly in business—has made it an indispensable communications tool. AIM within Netscape 7.1 now includes several new features that make it more convenient and customizable.

❑ Typing indicator notifies you when your buddy is typing a response to your instant message. You no longer have to guess if your buddy is paying attention to your message. **NEW** **UPG**

❑ Express your personality or mood with Buddy Icons—a fun and simple way to personalize instant messages. Choose from hundreds of available icons, including favorite cartoon characters and other animated images. You can also create your own and import it into AIM. Buddy Icons are easy to install so you can change them on a whim. **WIN** **UPG**
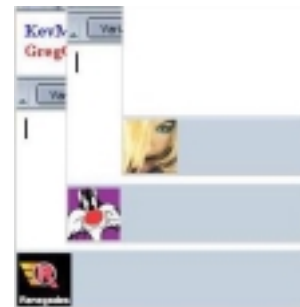
❑ AIM is integrated in all the components of Netscape 7.1—whether you are in Navigator, Mail or Composer—so you have constant and immediate access to your online buddies. **WIN** **UPG**

❑ Set AIM to alert you when specific buddies come online or go offline. You can choose a sound alert or a Buddy Alert window.

❑ Need to get a file to someone fast? AIM now lets you directly transfer files from PC to PC to people on your Buddy List.

❑ Your AIM Buddy List is saved on a server, which means you can access your Buddy List from any computer where AIM is installed.

Radio@Netscape Plus and much more

♦ **RADIO@NETSCAPE Plus**

❑ The new Radio@Netscape Plus is an easy-to-use player, which offers leading music choices with over 175 stations to choose from. Customize Radio@Netscape pre-set channels by selecting from a wide variety of music genres, or you can listen to the choices of a guest DJ. **NEW WIN UPG**.

♦ **COMPOSER**

❑ Dynamic Table and Image Resizing give you the flexibility of changing table and image size just by dragging the mouse. **NEW**

❑ Composer now lets you use your operating system fonts when creating your Web page. **NEW**

♦ **DEVELOPER PACK**

❑ Chatzilla IRC Client, JavaScript Debugger, and DOM Inspector are available to developers as free tools to collaborate with colleagues and trouble shoot Web sites and applications. **NEW**

Top Features of Netscape 7.1 at a Glance

Top New Features Introduced Since Netscape 7.0:

Faster Performance	Enhanced performance to speed you through the most important online tasks; Netscape 7.1 is the fastest Netscape browser and faster than competing browsers on some platforms.
Popup Controls	Gives you back control of your browser. Block unwanted pop-ups and keep the ones you want for sites you trust.
Junk Mail Filtering	Gives you back control of your mail. Junk Mail Filtering is tailored to you and blocks only the mail you think is junk.
International Domain Names	International Domains for a global Web. Domains no longer are confined to English. Now sites can register domains in their native language and let users type that domain in the url bar.
Automatic Image Sizing	Images automatically fit in the browser window and easily expand to the full size.
Find As You Type	Find text and links faster; just start typing.
Tabbed Browsing Enhancements	Home Page Groups let you start your day with a group of tabs.
AIM Enhancements	Typing indicator, buddy mail notification, and more smileys make instant messaging even more useful and fun.
Mail Views	Get different views of your mail for quick access to the information you need.
Address Book Palm Sync	Synchronize your Address Book with your Palm handheld.
Radio@Netscape Plus	You no longer need to have the browser open to listen to streaming radio on the Web.
Developer Pack	New tools – Chatzilla, JS Debugger, and DOM Inspector – will help developers troubleshoot their Web sites and applications.
Corporate Mail Features	New proxy auto configuration fail over and NTLM support.

Top Features Where Netscape 7.1 Has a Unique Advantage over Other Browsers:

Tabbed Browsing	Efficient, more organized browsing of multiple pages within a single browser window.
Popup Controls	Gives you back control of your browser. Block unwanted pop-ups and keep the ones you want for sites you trust.
Junk Mail Filtering	Gives you back control of your mail. Junk Mail Filtering is tailored to you and blocks only the mail you think is junk.
International Domain Names	International Domains for a global Web. Domains no longer are confined to English. Now sites can register domains in their native language and let users type that domain in the url bar.
Multiple E-mail Accounts	Manage your free Netscape Webmail account, AOL account, and other ISP or work account all from Netscape 7.1 Mail.
Cookie Manager and P3P Policy Viewer	Protect your privacy and control which sites you accept cookies from. Netscape 7.1 lets you view the contents of cookies and Web site's privacy policy.
AOL Instant Messenger	Built-in AIM, the #1 instant messaging service.
Composer	Building Web pages is made easy with Composer.
My Sidebar	Keep what's important to you persistent in the sidebar such as news, stocks, and weather.
Web Standards Compliance	Netscape 7.1 is the most standards compliant browser on the web today, supporting HTML, CSS, DOM, XML, SOAP, WSDL and many more.
Multiple Platform Support	Netscape 7.1 user interface and features are common across Windows, Mac OS X, and Linux. Web pages render the same in all three platforms.

Top New Features for Netscape Communicator 4.x Upgraders:

Smooth migration (bookmarks, e-mail, and more) and quick download make it easy to upgrade.
Tabbed Browsing for faster and more organized Web surfing within a single browser window.
Popup Controls and Junk Mail Filtering give you back control of your Web experience.
Better and faster mail—Quick Search in Mail and Address Book, Mail Views, Simple Filter Set-up, presence of AIM buddies.
Powerful Search capability with My Sidebar Search Tooltips and Click-to-Search on a word within a Web page.
Fully integrated AIM, the #1 instant messaging service, now with typing indicator, buddy mail notification, and more smileys.
Gecko power – A Web experience for the modern Web with rich and dynamic content displayed as Web site authors intended.

Powered by Netscape Gecko

Netscape Gecko is the embeddable cross-platform browser engine at the heart of Netscape 7.1. Netscape Gecko controls how a Web page appears on the screen and provides content rendering and support for Web standards such as HTML, XML, Cascading Style Sheets (CSS), the Document Object Model (DOM), JavaScript, Simple Object Access Protocol (SOAP), and Web Services Description Language (WSDL). To ease the creation of desktop applications and devices that embed Netscape Gecko, it also features a cross-platform, cross-device architecture and powerful technologies such as the XML-based User interface Language (XUL).

For Developers: Netscape DevEdge
Take your Web applications to the next level

Netscape realizes it is expensive to develop and maintain separate code for Web pages on different browsers. Developers are also keenly aware that pages coded using non-standard, proprietary techniques often do not display as intended. That's why Netscape DevEdge (http://devedge.netscape.com) delivers tools, documentation and a knowledge base through a powerful community for building Web content that works in Netscape and Microsoft browsers, AOL for Mac OS X as well as other browsers that embed Netscape Gecko.

For a more complete list of features, product descriptions and standards support, see the Netscape 7.1 Reviewer's Guide.

APPENDIX

Total file sizes per setup type

Setup Type	Total Size
Custom Options from 'Navigator Only' to 'Full'	7MB – 29MB
Recommended* Navigator, Mail & Newsgroups, Instant Messenger, ICQ, Quality Feedback Agent, Spell Checker, Viewpoint Media Player, Macromedia Flash Player, McAfee Client Activator Plug-in, Classic Skin, AOL Art Extensions * Includes additional options for Sun Java 2, Radio@Netscape Plus, and WinAmp	10MB
Full Navigator, Mail & Newsgroups, Instant Messenger, ICQ, Sun Java 2, Quality Feedback Agent, Spell Checker, Radio@NetscapePlus, WinAmp, Viewpoint Media Player, Macromedia Flash Player, McAfee Client Activator Plug-in, Classic Skin, AOL Art Extensions	29MB

System requirements

Netscape 7.1 Requirements

Windows	Operating Systems	Windows 98, 98SE, Windows ME, Windows NT 4.0, Windows 2000, Windows XP
	Minimum Hardware	233 MHz 64 MB RAM 26 MB hard drive space for minimum install
Mac	Operating Systems	Mac OS X 10.1.x Mac OS X 10.2 and later
	Minimum Hardware	PowerPC 604e 266 MHz or faster processor, G3, or G4 64 MB RAM 36 MB hard drive space
Unix	Operating Systems	Linux kernel-2.2.14 or greater, with the following libraries or package minimums: • glibc - 2.2.4 • gtk+ - 1.2.0 (1.2.5 or greater preferred) • XFree86-3.3.6 **Supported Platforms:** Netscape has been certified and is supported on RedHat Linux 7.0 and greater.
	Minimum Hardware	233 MHz 64 MB RAM 26 MB hard drive space

Netscape 7.1

Reviewer's Guide

Table of Contents

Overview of Netscape 7.1

Get the most from your time online: Netscape 7.1 puts you in control or your Web

For more and more people, the Internet has become part of our everyday lives. We increasingly rely on the Web to communicate, get informed, shop, or simply be entertained. But while a growing number of us value the Web, we also value our time and want to get more from the time we spend online. Netscape 7.1 is designed to put you in control so you can be more efficient with the key things you do online. Powerful features plus options to customize your experience give you a browser that fits the way you use the Web.

Fast, efficient browsing and e-mail

Netscape 7.1 sports the fine-tuned, standards-based Netscape Gecko browser engine that speeds up page loading, browser and e-mail activities. New features in Netscape 7.1 give you more control of your Web. With Popup Controls, you no longer have to spend the time closing unwanted Popups. Netscape 7.1 also allows you to quickly view multiple Web pages from a single window, easily print pages, search, and conveniently download several files at once. You can also rely on Mail in Netscape 7.1 to control your Junk Mail problem and to manage all of your Internet communications. Locate an e-mail message or address quickly, set up filters for wanted or unwanted mail, customize incoming messages with special labels—even get MapQuest® directions with a single click from your address book.

AIM, the #1 instant messenger

Integrated AOL® Instant Messenger™ (AIM®) lets you stay in touch with family, friends, and colleagues using the world's most popular instant messaging service. Improvements to AIM in Netscape 7.1 let you to access your Buddy List faster, indicates when your buddy is typing a response, quickly transfer files, and personalize messages with fun graphics.

Radio@Netscape Plus

The Internet isn't all about efficiency; it's also a leading source of entertainment for an increasing number of users. Netscape 7.1 offers the new Radio@Netscape Plus. One click brings you to over 175 stations so you can easily choose the type of music you like to listen to – from alternative to classical to R & B and more.

Netscape Navigator

Efficient Web browsing

With Netscape Navigator, browse the Web more efficiently than ever before and eliminate many of the steps involved in some of the most commonly performed tasks. New innovative features such as Popup Controls, Tabbed Browsing, Radio@Netscape Plus as well as improvements in printing, search, and downloading dramatically streamline the activities you do online. These features, combined with overall enhancements in performance and stability, make Netscape Navigator the clear choice for being more productive on the Web.

View multiple Web pages faster with Tabbed Browsing

Tabbed Browsing allows you to view multiple Web sites or pages much faster and in an organized way. [3] It eliminates waiting for a page to load in a separate browser window —while viewing one Web page, load another page in a separate tab. Allow the second page to load in the background while you view content in the first. If you are browsing multiple tabs, easily switch between them by clicking the top of the tab which allows you to easily keep track of pages instead of clicking on numerous browser windows on your desktop. If the site you are visiting supports Web Site Icons (small graphic icons that developers include in their HTML code), you will see the icon appear at the top of the opened tab, a handy feature for keeping tabs organized and easily identifying them.

While researching a new car you might want to compare information on several sites. Use Tabbed Browsing to view Blue Book pricing in one tab while you view the manufacturer's Web site in a second tab for car details. In a third tab, you might choose to search for the car on an auction site. Because you are interested in what other drivers who own the car have to say, you open a discussion group session in a fourth tab. Switching between these tabs is easy and faster than switching between open browser windows.

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[3] Tabbed Browsing can be accessed in one of four ways: by clicking the "Open a New Tab" button to the left of the tab bar, from the File menu, choose "New" and then "Navigator Tab"; or you can right-mouse click a hypertext link and open its contents in a new tab; or for those who prefer keystrokes, "Ctrl T" opens a new tab.

Home Page Group and Groupmarks

Do you have a favorite list of sites you visit every day? Netscape Navigator allows you to set your Home Page as a group of tabs so you can start with your favorite Web sites, fast. Navigator also allows you to open them all in separate tabs in just one click from your bookmarks, by using the Groupmarks feature from the Bookmark Manager. You can set up a Groupmark by opening up the Web sites in separate tabs and saving them as a group by going to the "Bookmark this Group of Tabs" item in the Bookmark Menu. You'll save precious time by loading your selected sites in tabs all at once and clicking between tabs to view them.

Music---an integral part of your Web experience with Radio@Netscape Plus powered by Spinner

Netscape 7.1 brings you convenient access to the leading radio content on the Web with greater variety to satisfy a wide range of music tastes. Bundled with Netscape 7.1, the new Radio@Netscape Plus is a fun, easy-to-use player that allows you to choose from dozens of music genres and over 175 stations. You can choose from Awesome80s, Alternative Rock, Top Classical, All Jazz, Hip-Hop and stations programmed with your favorite artists, and much more.

Radio@Netscape Plus uses the RealPlayer installed on your machine to deliver music playback. Once launched, you select a station and begin listening to Radio@Netscape. Save up to seven of your favorite stations by clicking the "Add" button. Song information is always displayed to provide the name of the station, artist, song and album that is currently playing. You also have the ability to rate the song or purchase the album that is currently playing. Just launch Radio@Netscape Plus from your desktop to begin your listening experience.

Support for Microsoft Windows Media Player

New in Netscape 7.1 is full interoperability with Windows Media Player, now loaded as an ActiveX control just as it is in IE. This will be of special significance to web developers, who can now create web pages that closely interact and embed the Windows Media Player. More information is available in the section for developers.

Discover browser features more easily

Accessing your e-mail, sending instant messages, browsing, and using My Sidebar have never been simpler.

When you launch Netscape Navigator 7.1 you will be able to access Mail and AOL Instant Messenger (AIM) directly from your personal toolbar for instant communication. In addition, the top-level browsing menus in Netscape 7.1 have been reorganized to be more intuitive and easier to use. A new top-level Window menu allows you to access all key browser features from one place—Navigator for browsing, Mail & Newsgroups, Address Book, and AIM for instant communication with your friends and colleagues.
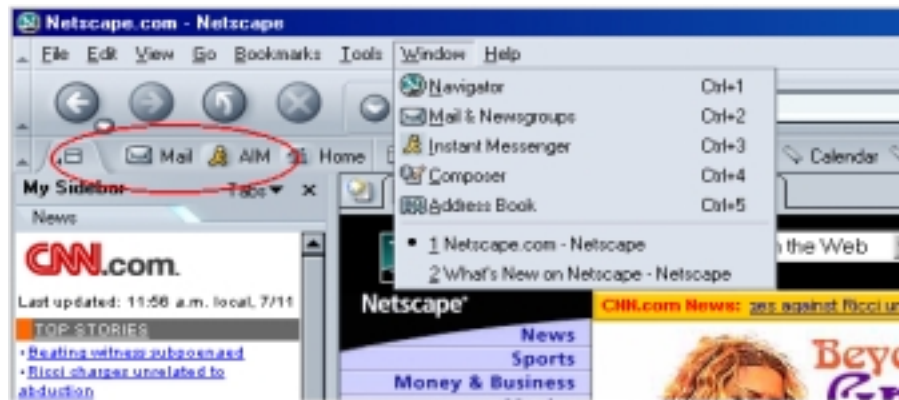
My Sidebar is easier than ever to close and reopen. Simply click the "X" at the top right of My Sidebar to close. To reopen, click the sidebar open/close icon on your personal toolbar or go to the View Menu (Show/Hide -> My Sidebar) or use F9 keystroke to open and close.

New and more powerful search experience

Building on the advances in search pioneered in Netscape 6.0, Netscape 7.1 sets the standard for quickly finding what you want on the Web.

Click-to-Search

While reading a Web page, you can easily search on a specific word, even if the Web page author has not provided a search link for the text. The new Click-to-Search feature lets you highlight any text and initiate a search on the Web by simply clicking your selection. Search results are brought up in a new window so you won't need to navigate back to the page where your search originated. Click-to-Search accesses the search engine you have set as the default for Netscape Navigator 7.1.

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Sidebar search tooltips

Netscape 7.1 improves on My Sidebar Search Tab introduced in Netscape 6.0. New tooltips make it easier than ever to navigate to your search results from My Sidebar. There's no need to browse back to your search results page to view more detail. Simply mouse over the displayed search results in the search tab and the title of the Web page will appear.
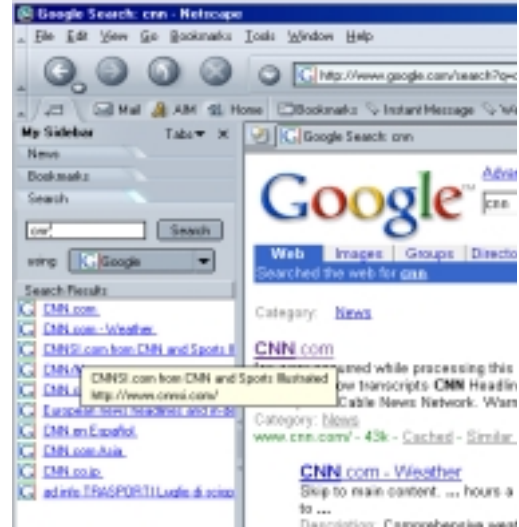
Powerful Download Manager

Next to searching for information, downloading files is one of the most frequent things we do on the Web. With Netscape 7.1 you have greater convenience and control over this common task. It's easier to download multiple files at the same time and keep track of where you download them. With the new Download Manager, you can view all your downloads from one screen and see which directory on your computer you saved the downloaded file to and where you originally downloaded it from.[4] You can also launch a file immediately after the download is complete by selecting Launch File.
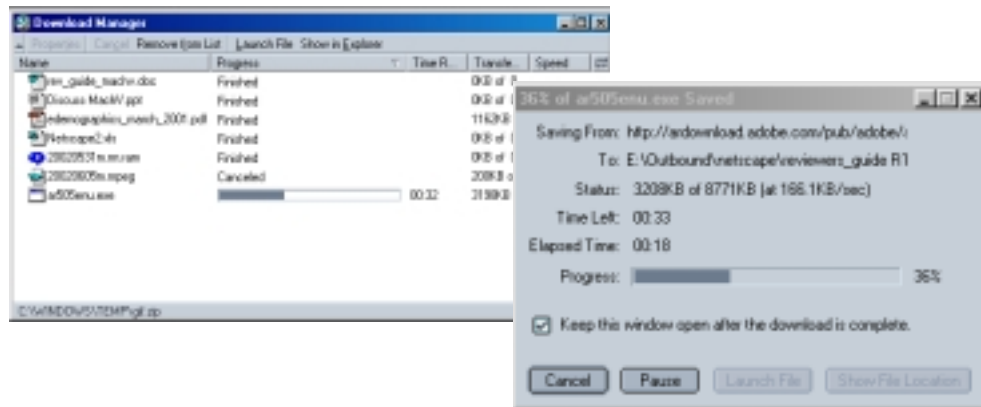
Download pause and resume

Have you ever needed to use the phone in the middle of a download? Netscape 7.1 helps you recover your download from where you left off if your Internet connection is dropped, without requiring you to start the download from the beginning. With Netscape 7.1, you can pause your download and then resume after you have finished your call, a useful feature for users at home. If your connection is dropped, Netscape 7.1 automatically pauses your download for you. Once you restore your connection, you can pick up where you left off by clicking the "Resume" button.

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[4] You can access the Download Manager from the Tools Menu of Netscape 7.1 menu.

Access web pages with domain names in your native languages

Netscape 7.1 is the first browser that has built-in support for Internationalized Domain Names (IDN). There is no longer any need to download a plug-in to use domain names in your native language. You can type in domain names in your language in the URL bar or click on URL links on web pages that use domain names in their native languages. The IDN support is available for all languages that Netscape 7.1 supports including Western languages and East Asian languages such as Chinese, Japanese and Korean.
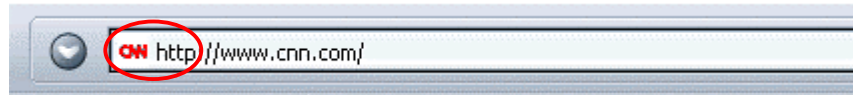
Web Site Icon support

Netscape 7.1 now displays Web Site Icons, small images that Web site authors include with their Web pages. These Web Site Icons show up in the browser URL bar and in tab titles in Tabbed Browsing to create a more customized appearance that easily identifies the look and feel of the Web site you are viewing.

Integrated instant messaging keeps you connected

Access your Buddy List from various areas within Netscape Navigator 7.1. Select AIM from the Window menu or click one of the AIM icons located in the personal toolbar or in the lower left corner of the Navigator window. You can also have your Buddy List available in any Netscape 7.1 component as a tab in My Sidebar.

Save Web pages and images in one easy step

Have you ever tried to save a Web page but found that you only saved the HTML or text portion of the page, without any of the graphics or images? Now Netscape 7.1 saves you time by offering a more efficient way to save a Web page plus all graphics (GIFs or JPEGs) within one folder. When saving a page, you can use the pull-down menu in the dialog box and choose to save as "Web Page, Complete", "Web Page, HTML only" or "Text". By choosing "Web Page Complete", you will create a directory at your save location with all of the HTML, images and other graphics for you to access later.

View more Web content in Full Screen mode

When you want more screen real estate to view a Web page, Full-Screen mode lets you see more of the Web with fewer menus and browser controls.[5] For laptop users, this feature is especially useful, allowing more screen real estate for viewing content-heavy pages.

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[5] To use Full Screen mode, simply select Full Screen from the View menu. To view the browser toolbar again, move the cursor to the top right of the browser and click the restore box, or use a keystroke (F11) to toggle back and forth.

Improved bookmark management

Bookmark manager--everyone's favorite browser customization tool—is now more useful than ever in helping you keep track of your top Web destinations. Netscape 7.1 helps you organize your bookmarks quickly and efficiently by allowing you to drag and drop Web sites into specific folders or locations in your bookmarks. You can drop them into locations on your personal toolbar or, if you prefer, use the Bookmarks tab in My Sidebar.

What you see is what you print

Netscape 7.1 gives you more control so printed pages look more like what you see on the Web. "Print Preview" and "Page Setup" options from the File menu allow you to view exactly how the page will be printed, plus adjust the orientation to landscape or portrait format. You can also shrink the Web page to fit it on a printed page, set scale and edit margins, headers and footers.

Important privacy features

Privacy is of increasing importance on the Web. The Platform for Privacy Preferences Project (P3P), developed by the World Wide Web Consortium (W3C), is a new standard designed to help users understand and gain more control over the use of personal information on Web sites they visit. Netscape 7.1 supports two new privacy-related features based on the P3P standard.

Know the privacy practices of Web sites with the P3P Privacy Policy Viewer

When you visit a Web site, you often want to know the privacy practices it follows, especially if you are conducting online transactions or sharing personal information. In the past, sites published privacy policies in a variety of locations that were sometimes difficult to find. The new Privacy Policy Viewer lets you easily locate and view the privacy policies of P3P-compliant sites.

Be informed about cookies with P3P Cookie Management

Some sites include a P3P compact policy with each cookie they send to your system. This information tells you about how the site uses the information stored in the cookie. The new Netscape 7.1 P3P Cookie Management feature notifies you when a site sends cookies with certain privacy policies, and gives you easy access to the powerful Netscape Cookie Manager to edit your preferences. If you want even more control, you can set up a custom privacy configuration to handle each class of cookie—you can accept, set limits to the current browser session, or reject cookies based on the privacy policy and source of each cookie.
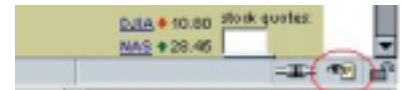
Update   Notification

Netscape makes periodic enhancements to its browser suite to ensure leading quality and security. The Update Notification feature in Netscape 7.1 keeps you informed of the latest updates. You can even customize it to check for updates as frequently or infrequently as you would like.

7

Internet Messaging

Enhanced Mail and the #1 Instant Messenger at your fingertips

In just a few short years, the Web has revolutionized how we communicate with people – whether it is with friends, family, colleagues or even customer service agents. Trading an e-mail address or instant messaging Screen Name has become as common as exchanging a telephone number. These pieces of information have grown to become part of our online identity.These forms of communication are truly part of our daily lives. E-mail is the most common online activity of Internet users[6], and AOL Instant Messenger (AIM), the world's most popular instant messaging product, has swelled to over 140 million users.
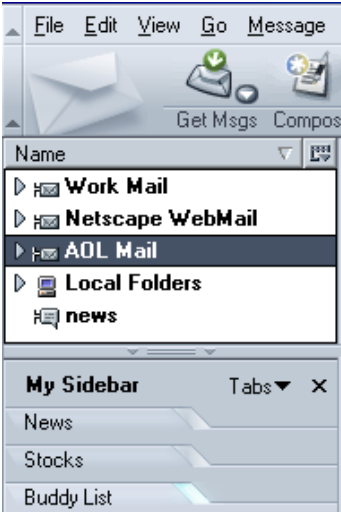
In Netscape 7.1, Internet messaging tools have been integrated to make communication effortless. Sending e-mail or instant messages is now easier than ever. New enhancements in Netscape 7.1 Mail and Address Book make it faster and more convenient to manage large volumes of mail. Integrated AIM in Netscape Mail and Navigator is also improved with more features to instantly communicate and personalize your messages. In addition, AIM is available as a standalone component of Netscape 7.1 that can be launched automatically when you turn on your computer. [7]

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[6] UCLA Center for Communication Policy – Nov 2001
[7] When first signing on to AIM within Netscape 7.1 choose the "Sign-on at Launch" option.

Netscape Mail

Netscape Mail lets you conveniently manage all of your Internet communications from one place. With support for multiple accounts—including your work or ISP e-mail account, AOL mail and Netscape Webmail accounts—you can easily keep track of your multiple business and personal e-mail accounts and Internet newsgroups, all from one place. Integrated AIM lets you see when friends and colleagues are online and instantly communicate with them. Improved performance and speed within Netscape Mail, combined with great convenience features, means you can rely on Netscape 7.1 for all your Internet communications.

New Mail Notification

Waiting for an important e-mail message, but don't want to keep opening up your e-mail inbox or switching to your e-mail display? Netscape 7.1 Mail allows you to continue working and still be able to monitor your inbox without interruption. A sliding alert dialog, appearing above your system tray in the lower right corner of the computer screen, notifies you that new messages have been received. The alert slowly slides open, pauses, and then slowly slides closed without taking you away from your current task. Click the notification, and go straight to your new messages.

Whether or not you have Netscape 7.1 open, the New Mail Notification feature[8] can quickly take you straight to your new messages for any of your multiple e-mail accounts, or simply let you know that you have e-mail waiting.

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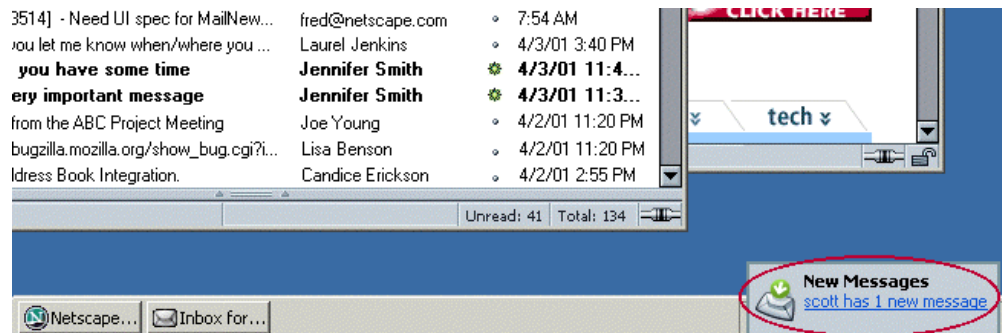
[8] Available in Windows version of Netscape 7.1.

Find messages faster using Mail Views and Quick Search

Now finding messages in your inbox is easy. Mail Views let you view mail the way you want such as mail from only people you know, the last five days worth of mail, or only mail with attachments. You can even customize your own Mail View. With Quick Search, simply type a few letters of a sender's name or a word from the subject line in the Quick Search field, and you will see the matching results instantly appear. The more letters you type, the more refined your search will be. Deleting the letters or clicking the 'Clear' button will restore your view of all your messages to their original order.

Need to find a message with more search power? Click 'Advanced' for a more full-featured search experience. Using the Advanced feature you can search multiple folders, using multiple search criteria, all from the same window. You can also find messages quickly by sorting your e-mail by date, subject, sender, or status—virtually any attribute of your mail message.
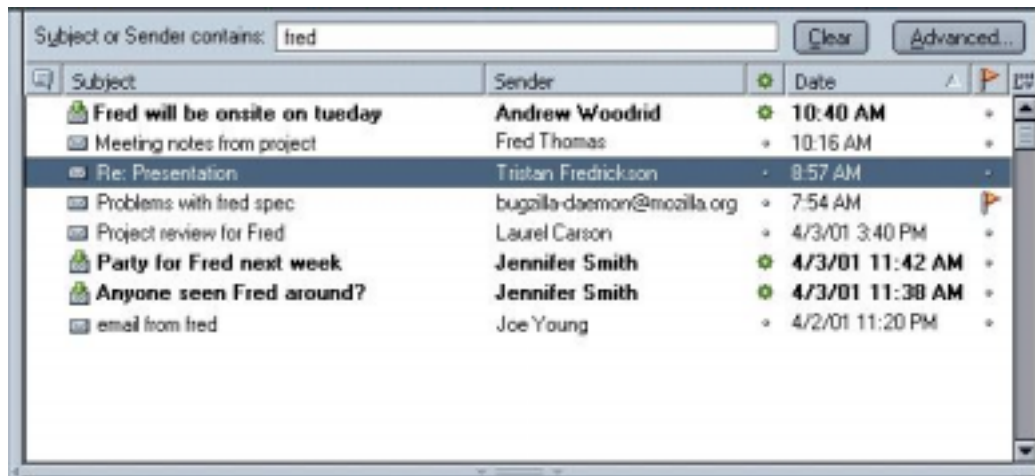
Are you in a hurry, looking for a phone number a friend e-mailed to you last week? With just a couple of keystrokes, searching through your email is a snap. There's no need to become frustrated trying to dig around your inbox—use Quick Search for fast and easy message retrieval.

Organize your e-mail with Custom Labels

We receive more and more e-mails each day, we are continually looking for ways to organize and prioritize. The Custom Labels feature is a new tool that lets you color code your e-mail and assign named categories to help you group, organize and prioritize your messages, making you more efficient.

You choose the name and/or color of each label. For example, set up red labels for urgent e-mail, blue for personal, green for "To Do's," etc. If you then want to view all of your "To Do" e-mail, you can simply sort by Label. You can also set up filters in which your e-mail is marked with a particular label.

10
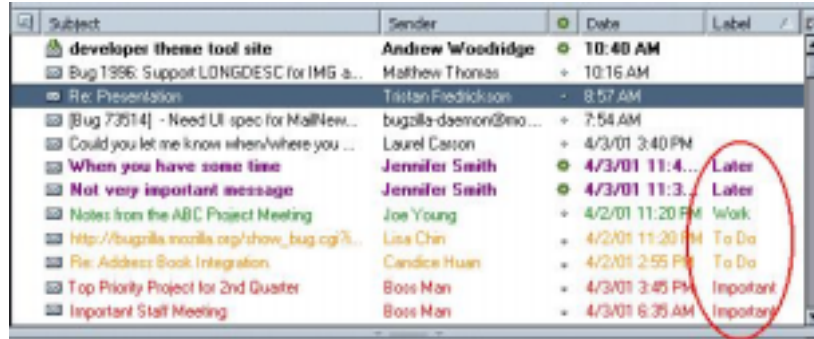
Mail filter setup made easy

E-mail filters allow you to sort incoming e-mail into folders, turning your inbox into an organization and productivity tool for you to manage communications. If you haven't used filters before, Netscape 7.1 can help you quickly set them up. Just right click the name of any recipient or sender from within the e-mail to start creating a filter. In a few easy steps you can set up the filter in Netscape 7.1. To edit existing filters or create new ones, from the Tools menu choose Message Filters. Filters can be particularly useful if you commonly receive unwanted messages from the same sender. Simply set up a filter that sends these messages to the Trash folder.
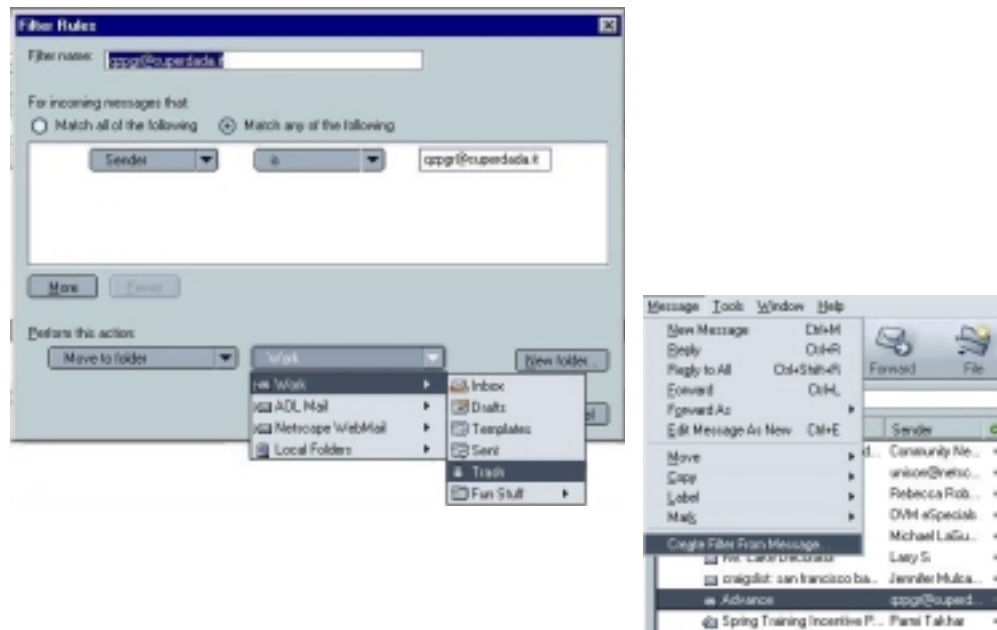
Return Receipts

For certain e-mails it's necessary to know when the intended recipient has opened the message. With MDN[9] Return Receipts, you'll get an e-mail telling you the date and time your message was opened by its recipient. Once you set up the Return Receipts feature, you can receive notification on all outbound messages or you may set up notification for specific recipients. As an e-mail recipient, you may also accept or deny a Return Receipt request from the sender.

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[9] MDN = Message Disposition Notification

11

All-in-one Importing

Netscape 7.1 provides convenient and consolidated e-mail import tools enabling you to upgrade or switch to Netscape 7.1 easily and quickly. Accessible from either Netscape Mail or Address Book, you can import all of your mail messages, e-mail settings, and address book entries from other e-mail applications into Netscape 7.1.

The Import Wizard for Address Book supports Netscape Communicator, Eudora, Outlook, Outlook Express, or text files (LDIF, .tab, .csv, .txt); The Import Wizard for Mail & Settings supports Netscape Communicator, Eudora, Outlook, & Outlook Express.

Quick Search within Address Book

Avoid scrolling through your long list of addresses. Just like using Quick Search in Mail & Newsgroups, you can now type a few letters and find the corresponding name or e-mail address of the person you are looking for in your address books. You can use Quick Search in all of the address books that Netscape 7.1 supports, including personal or work, collected addresses or directory servers.
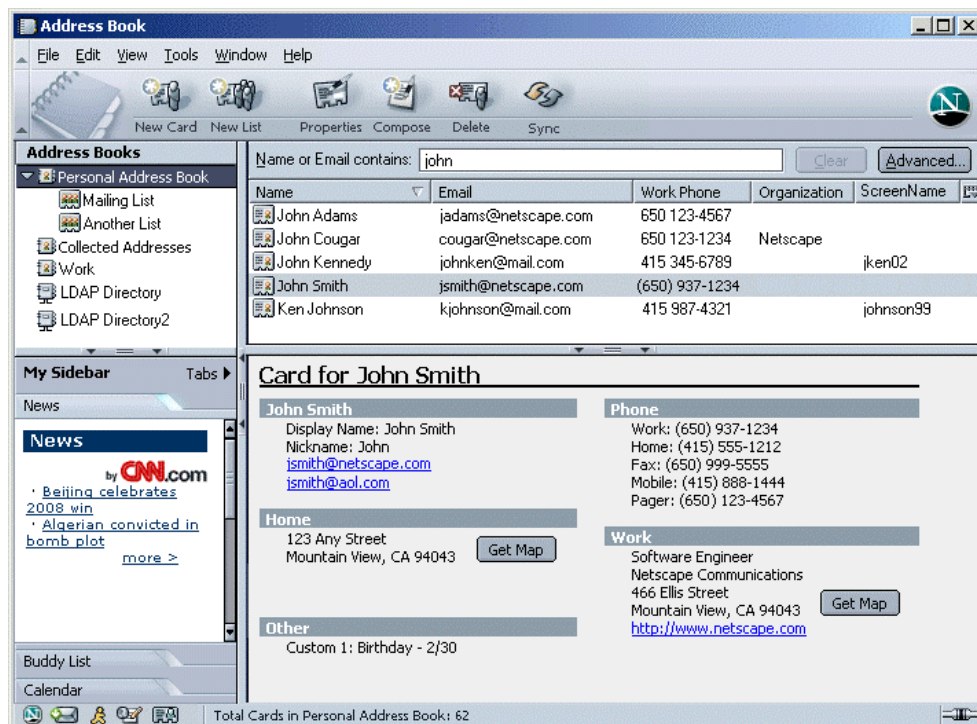
Address Book Export

Do you need to transfer your address book to another computer or application, such as a wireless device? The Address Book Export feature in Netscape 7.1 supports several formats including comma delimited (.csv), tab delimited (.tab, .txt), or Netscape's address book format (.ldi, .ldif). If you need a hard copy you can also print out your entire Address Book.

12

"Get Map" in Address Book: find directions or maps with MapQuest

MapQuest is a world leader in online mapping and driving directions. Now one click from a card in your Address Book will bring you to directions from MapQuest. This convenient new feature saves you time and allows you to quickly map addresses you have saved in your address book.
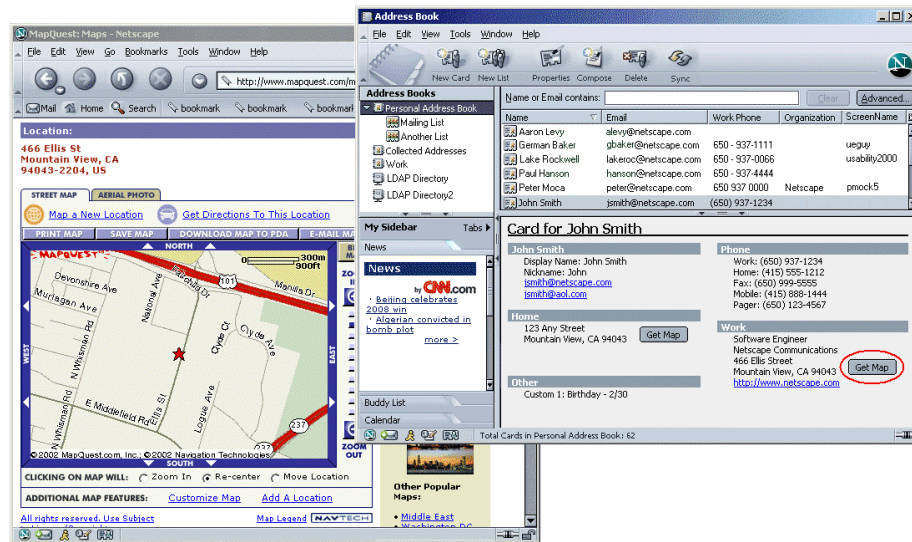
Easy and free access to Netscape Webmail

Setting up and accessing a Netscape Webmail account from within the Netscape Mail is easier than ever with Netscape 7.1. You can also use Netscape 7.1 Mail to access your Netscape Network Mail account.

13
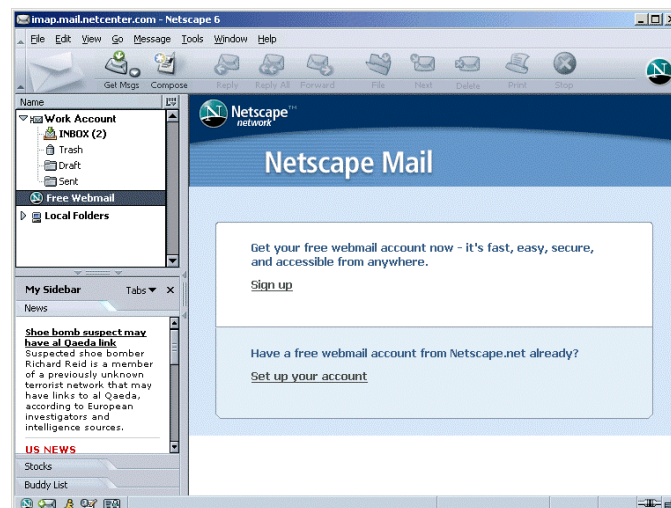
Just click the "Sign Up" or "Set up your account" link and you are immediately taken to account set up where all the work is done for you. Once you have set up your Netscape Webmail account, you can also synchronize your Netscape 7.1 Address Book so your addresses are easily accessible, even when you are away from your computer.

Features for users within corporate environments

Secure Mail —S/MIME (Secure Multipurpose Internet Mail Extentions)

Netscape 7.1 lets you send and receive S/MIME encrypted and/or signed e-mail messages. Signing and encrypting messages can be done with a single mouse-click. When you encrypt your e-mail messages, you'll know that your private e-mails are safe from being read by anyone other than the intended recipient, even if the message is intercepted on the way.

Shared folders for IMAP (Internet Message Access Protocol) users

Netscape 7.1 gives you the ability to make mail folders accessible to more than one person within your IMAP environment. You can delegate access to IMAP mail folders through simple preference settings. For example, an executive can delegate inbox access to an assistant. By creating shared folders and providing access to team members, groups can share information and enhance collaboration while limiting the drain on system resources.

Secure LDAP (Lightweight Directory Access Protocol)

Netscape 7.1 lets you connect to an LDAP server securely using SSL (Secure Sockets Layer). Secure LDAP protects the information being passed from a directory to the Netscape 7.1 Mail application. This feature is especially useful for corporate users who need to safely access their company's directory while away from the office.

Offline LDAP (Lightweight Directory Access Protocol)

Netscape 7.1 lets you perform LDAP replication (full copy) as well as synchronization (changes only) to your Address Book. Offline LDAP allows you to access the corporate directory for mail composition or contact information look-up while disconnected from the corporate network.

Increased Privacy and Security in Mail and Newsgroups

Netscape 7.1 offers increased flexibility to customize how you receive and display your   e-mail. These new options help you keep personal information safe and your computer secure without compromising the rich and robust experience common on the Web today. Netscape 7.1 Mail & Newsgroups includes the ability to enable and disable cookies, JavaScript, remote images (images on a server), and plug-ins (including Java), in order to tailor your experience to your own needs and preferences.

14

Instant Messaging with AOL Instant Messenger (AIM)

Easier than ever to get started

Netscape 7.1 now allows you to get started with instant messaging faster than ever. Whether you have a Screen Name already or need to register for a new one, you'll find the process easy, intuitive and fast.

In addition, AIM can start up and log you in automatically if you have chosen "Sign-on at launch" on the sign on screen so when you turn on your computer you're ready to talk to online buddies right away.

Express yourself with new personalization features

Netscape 7.1 includes support for Buddy Icons which are fun, personalized images you can associate with your Screen Name and have your buddies see every time you IM them. You can select from dozens of categories such as Movies & TV, Music, and Sports as well as specific titles you know and love like ET the Extra-Terrestrial.

Not only that, but you can now create your own Buddy Icon to personalize your online experience even more.[10] You can preview the icon so you can see for yourself how your icon will look to your friends.

Netscape 7.1 also allows you to easily personalize your messaging experience by enabling you to choose custom colors and styles for the text you send to your buddies.

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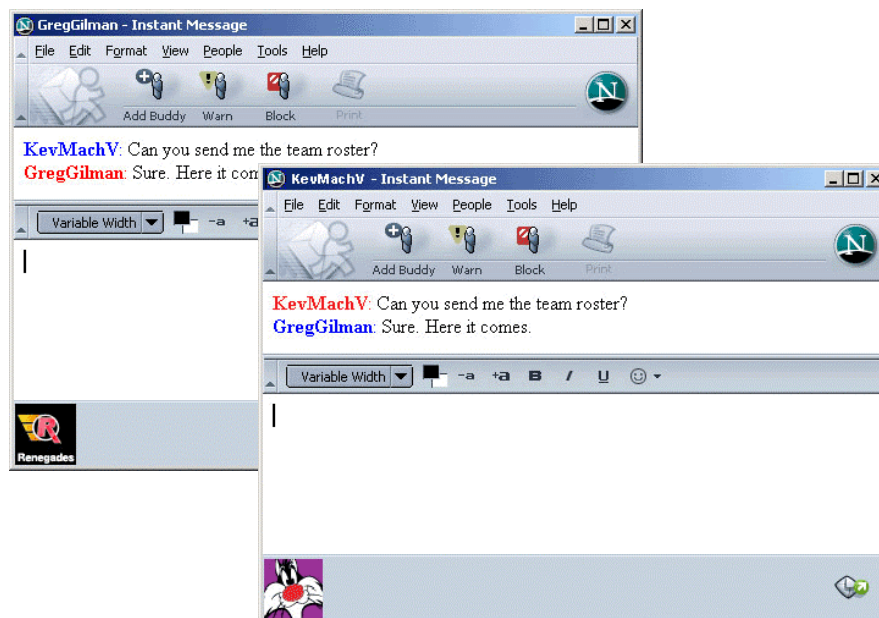
[10] Simply open AIM from the Window menu, personal toolbar button, or taskbar button. Choose "Select Buddy Icon" from the People menu and choose your own Buddy Icon.

15

Send files to your friends instantly

Instant messaging isn't just for chatting anymore. With the new file transfer feature, you can easily send files to your buddy from your computer. For example, send a presentation you're working on to a co-worker or a picture of the kids to your parents.

Sending a file to a buddy is simple.[11] Your buddy will have the option to accept or deny receiving the file.

Buddy Alerts help you keep track of who's online

With new Buddy Alerts in Netscape 7.1, you can receive an alert when a buddy comes online. To set up an alert for a favorite buddy, just select the buddy, right click, and choose "Alert me when [selected buddy] is available."
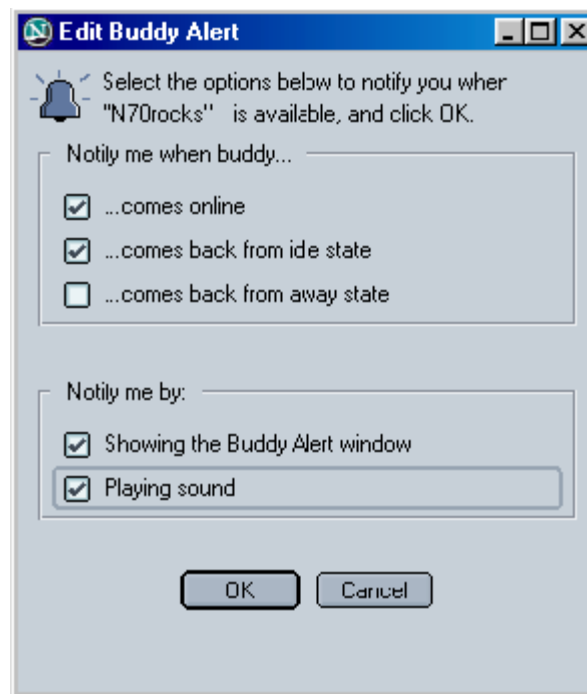
Do you need to let people know when you are away from your desk or just too busy to reply? By clicking the Away button, you can create a custom message such as "Picking up Kids" or change your online status to "Unavailable," "On the Phone," "Out to Lunch" or "Meeting".

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[11] To transfer a file, choose a buddy from your Buddy List, select People, then click send file to Buddy. Select File to locate the file on your computer, then hit send.

Instant messaging tightly integrated with Mail

When reading a message in Netscape 7.1 Mail, an instant messaging icon in the header of the message indicates whether the sender and other recipients are on AIM (*see below*). Simply click the icon to add the sender to your Buddy List, or begin sending and receiving instant messages.   By moving the communication from e-mail to instant messaging, you can solve issues in seconds that might otherwise have required more time and multiple emails.
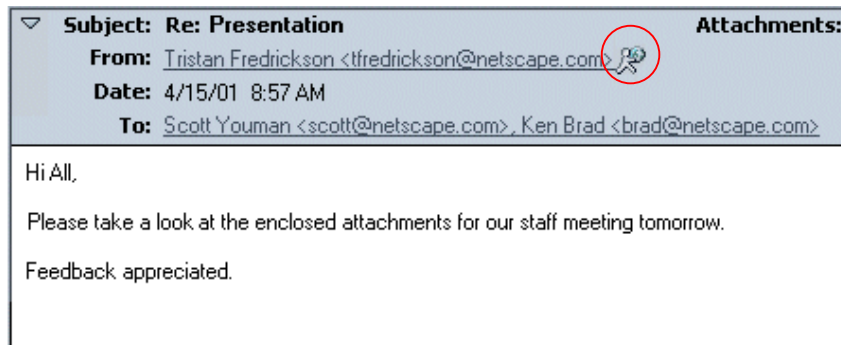
Access your Buddy List anywhere, anytime

Are you out of town, without your computer, but still want to contact friends and colleagues? AIM stores your Buddy List on servers, which means you can now access your Buddy List from any computer or wireless device using AIM, without retyping any of your buddies' Screen Names.

AIM Today keeps you in touch with the latest Instant Messenger News

The AIM Today window allows you to stay in touch with the AOL Instant Messenger community—grab the latest buddy icons, rate-a-buddy, or check out the latest news and sports scores.
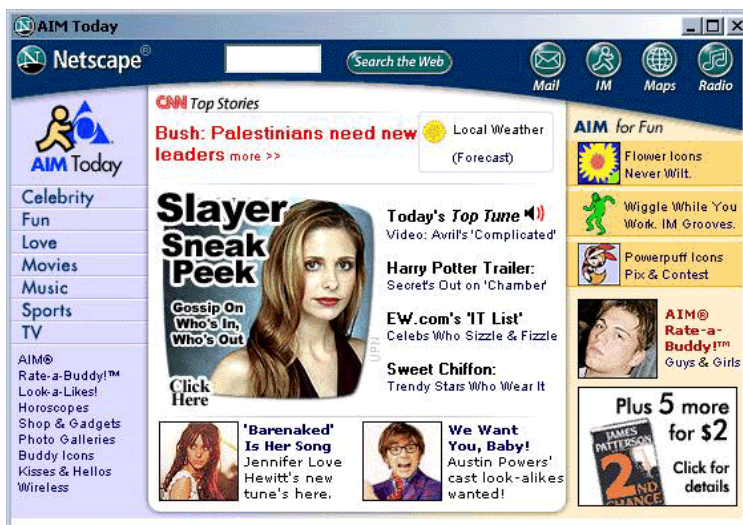
Integrated ICQ allows you to chat with your ICQ friends too

ICQ, a global communications community and international service from AOL with over 120 million registered users, is now integrated with Netscape 7.1. This convenient integration allows you to choose to log on to either AOL Instant Messenger or ICQ depending on your preference. It's easy to switch between AIM and ICQ by using the drop down menu to select which service you'd like to sign on to.[12]

Log in to ICQ and enjoy chatting with your ICQ friends, or use the powerful communication and search tools to find new ICQ friends with similar interests around the world.

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[12] To select ICQ open the instant messenger component in the Sidebar or as a stand-alone window. From the service sign on drop down menu, select ICQ.

Netscape Composer

Create and publish your own Web documents

The Web has opened up an entirely new publishing environment, allowing professional and novice Web users to get their ideas out to a broad audience. Netscape Composer is an efficient way to create, edit and publish documents to the Web.   You can use pictures, tables, graphics and links to create a variety of documents like detailed reports, resumes, travel journals or family photo albums. With the new publishing features in Netscape 7.1, anyone can become a Web designer.

One-Button Publishing

Netscape Composer enables you to post documents easily to the Web with the One-Button Publishing feature in Netscape 7.1. One-Button Publishing allows you to take your favorite Web documents and publish them to any server or Web location where you have an established account (e.g. your personal URL on the Web).

To use One-Button publishing, simply specify the site to which you'd like to publish, create the destination names (directories), and you're all set.

Netscape Composer remembers the directories that you set up, and allows for easy switching between multiple publishing destinations.

Have you recently returned from a fantastic vacation, and want to share your experience with others? Take your digital pictures, download them onto the PC, post them to your Web site, and then send e-mail to friends and family with the link. With the Composer application in Netscape 7.0, you have the tools to build a Web page, without having to take a course in HTML or Web authoring, or hiring someone to do the job.

19

Publish Page

Publish | **Settings**

Server Information

Site Name: The Smith's Website

Publishing URL (provided by your ISP or Sys)

http://smiths.com/egypt

HTTP address to browse to:

Login Information

User name: bill

Password: ******   ☑ S

[Publish] [Canc

Publish Page

Publish | Settings

Site Name: The Smith's Website ▼ [New Site]

Page Title: Abigail in Egypt   e.g.: "My Web Page"

Filename: egypt.html   e.g.: "mypage.html"

Site subdirectory for this page:

/egypt ▼

☑ Include images and other files

  ⦿ Use same location as page

  ○ Use this site subdirectory:

  [▼]

[Publish] [Cancel] [Help]

20

Installer

Download and install only the components you want
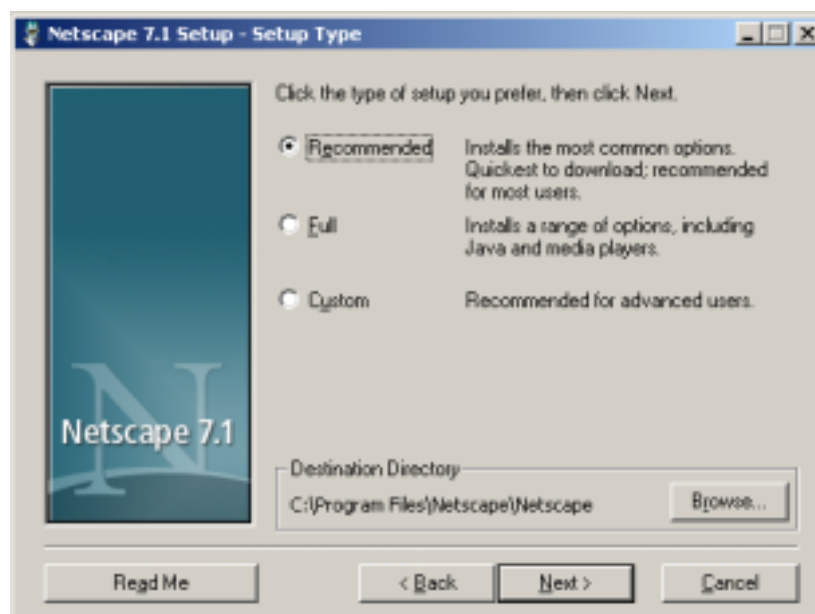
The Netscape 7.1 experience begins with a quick, customizable, and easy installation process. The size of our software continues to be small for faster downloads. You can pause and resume the download of Netscape 7.1, and recover your download if you lose your Internet connection. We've also set up the installer so that only the portions of the product you choose to install are actually downloaded – you never download software you don't need. And finally, we've built installation capabilities right into Netscape 7.1, enabling users to automatically install updates directly from the Web.

Small, fast installer with integrated download

Customers who download Netscape 7.1 will appreciate the fast and intuitive download and installation process.

Small installer

Netscape 7.1 has an installer that is under 250 KB in size. It downloads quickly and provides immediate access to your installation choices. Netscape 7.1 also reduces the number of choices you must make before installation begins.

All of the required input in the installation process takes place up front. Once you make the choices presented to you in the installer, everything proceeds automatically. You are then up and running with Netscape 7.1.

Only download what you need

Because the Netscape 7.1 installer presents you with installation choices up front, you will never download software you didn't choose. In the past, users downloaded an installer package that contained all the possible software choices. Only after the package was on their desktop would the user be given the choice of what options they wanted. With Netscape 7.1, you choose up front and get only what you need, saving you download time and hard drive space.

Total file sizes per Setup Type

Setup Type	Total Size
Custom Options from 'Navigator Only' to 'Full'	7 MB to 29 MB
Recommended* Navigator, Mail & Newsgroups, Instant Messenger, ICQ, Quality Feedback Agent, Spell Checker, Viewpoint Media Player, Macromedia Flash Player, HP Printer Identifier Plug-in, Classic Skin, AOL Art Extensions * Includes additional options for Sun Java 2, Real Player 8, and WinAmp	10 MB
Full Navigator, Mail & Newsgroups, Instant Messenger, ICQ, Sun Java 2, Quality Feedback Agent, Spell Checker, Net2Phone, Real Player 8, WinAmp, Viewpoint Media Player, Macromedia Flash Player, HP Printer Identifier Plug-in, Classic Skin, AOL Art Extensions	29 MB

Plug-ins and Helper Applications

Get even more out of the Internet with industry leading additions

Overview

Netscape 7.1 offers cutting-edge add-on applications that help you get more from the Internet. Offered with Netscape 7.1 are Java for running Web applets, Nullsoft Winamp for audio playback, Macromedia Flash for high impact Web content, and Viewpoint to maximize visuals in low bandwidth environments.

Industry leading Java from Sun integrated into Netscape 7.1

The Java plug-in from Sun Microsystems allows you to run applets on the Web, making your Internet experience richer and more powerful. Java is included automatically in the Full configuration of Netscape 7.1, and you can choose to install it in Recommended and Custom configurations as well.

The Java plug-in is available for Windows, and features complete Java 2 support. On MacOS, Netscape 7.1 integrates with Apple's MRJ (MacOS Runtime Java).

Multimedia support from the names you know

Winamp Media Player
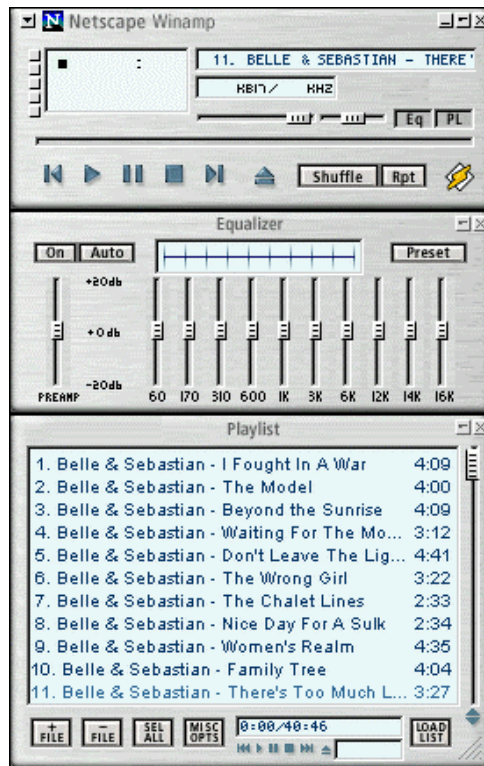
The original audio player, Winamp plays all kinds of audio files, including your MP3s. Play CDs, organize your music and create play lists.

Winamp is available for Windows, is included in the Full installation and is optional in both Custom & Recommended installations of Netscape 7.1.

Macromedia Flash Player

Macromedia Flash Player is a browser plug-in that gives you a more engaging experience on the many Web sites that use Flash technology. Flash enables interactive content, even over low-bandwidth connections, with integrated vector and bitmap graphics, motion and MP3 audio.

Every configuration of Netscape 7.1 contains a small Flash program that helps you easily install the full Flash plug-in the first time you need it. The latest version of Macromedia Flash Player, Flash 6, is available for Windows and MacOS, while Flash 5 is available for Linux.

Viewpoint Media Player

The Viewpoint Media Player plug-in is a leading provider of rich media visualization technologies on the Web. Viewpoint enabled content takes advantage of Viewpoint Experience Technology (VET) to provide high fidelity visuals in low bandwidth environments.

The plug-in is available for all installation configurations for the Windows Platform.

24

Netscape DevEdge

Tools to simplify cross browser development

Netscape realizes it is expensive for Web site developers to develop and maintain separate Web pages for different browsers. Developers are also acutely aware that pages coded using non-standard, proprietary techniques often do not display as intended. To help in the transition to standards-based pages, Netscape DevEdge (http://devedge.netscape.com) delivers tools, documentation, a knowledge base, and an active online community for building Web content that works in Netscape and Microsoft browsers, CompuServe 7.1 as well as other browsers that embed Netscape Gecko. On DevEdge, developers can sign up to get updated news and information on Web development and collaborate with industry experts and other Web site developers. Developers can also find out about plug-ins and third party software on DevEdge.

Development and diagnostic tools save time

Netscape DevEdge offers a simple tool for site developers to test and update their Web sites so the pages display correctly with all leading browsers. Novice or intermediate Web authors can use the DevEdge Web Tune Up Wizard to walk through the process of validating a Web page—making it easy to diagnose code issues. Developers will also receive pointers on backward compatibility with Netscape Communicator 4.x browsers.

The Netscape Gecko Browser Compatibility Handbook informs developers about coding strategies, as well as commonly encountered problems, the causes, and available solutions to make the development process more productive.

Guide to open Web standards for supporting multiple browsers

DevEdge guides developers in building Web pages based on open standards—so the same site code can work for Netscape 6 and 7, Microsoft Internet Explorer, plus any product that embeds Netscape Gecko such as CompuServe 7.0.

For many developers, cross browser support simply means using HTML and JavaScript. DevEdge includes robust documentation and tools for developing more sophisticated content and applications with open standards. That includes HTML 4.0, CSS 1, CSS 2, DOM 1 & DOM 2 (Core and HTML), RDF, XML 1.0, XML Namespaces 1.0, XML data exchange, transformation of XML documents with XSLT, XPath 1.0, XHTML 1.0, JavaScript 1.5 and more.

DevEdge also hosts a rich archive of articles and information to assist developers in sharing as much code as possible across all the browsers they need to support. Moreover, DevEdge helps developers take advantage of new Netscape 7.1 browser features such as the built in XSLT processor which gives sites a great way to transform and present XML documents on the fly.

Increase productivity with My Sidebar Tabs

DevEdge has its own My Sidebar Tabs which developers can add to their Netscape browser. These tabs offer quick reference to key technologies such as CSS2 and HTML 4.01 so they can continue coding without leaving the page they are working on. The User Agent String Tab for My Sidebar expedites site testing, by enabling developers to see with one click how code will display in a Gecko-based browser.

In addition to DevEdge tabs for My Sidebar, developers can learn how to create and deploy their own tabs; this development can be done in as little as 15 minutes.

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Netscape Gecko and Netscape 7.1: Standards Support and Technologies

The leader in Internet technology has built the foundation for the next Internet revolution

Overview

Netscape Gecko is the embeddable cross-platform browser engine at the heart of Netscape 7.1. Netscape Gecko provides content rendering and support for Web standards such as HTML, XML, Cascading Style Sheets (CSS), the Document Object Model (DOM), and JavaScript. To ease the creation of desktop applications and devices that embed Netscape Gecko, it also features a cross-platform, cross-device architecture and powerful technologies such as the XML-based User interface Language (XUL).

Netscape Gecko is developed as part of the Mozilla.org open source project, and is freely available for inclusion in third party products. In addition to Netscape 7.1, Netscape Gecko is found in a variety of products from AOL (such as CompuServe 7.0) and other companies. Netscape 7.1 uses Netscape Gecko to deliver the most advanced, standards-compliant browser across platforms, and the ease of embedding Netscape Gecko brings the same power to desktop applications and devices as well. Netscape Gecko is the core browser component in Mozilla 1.4, the second major-version public release of the Mozilla software. The release of Mozilla 1.4 signals a level of compatibility and maturity of the programming interfaces provided by Netscape Gecko, and heralds the arrival of new Gecko-based products.

What standards do Netscape Gecko and Netscape 7.1 support?

By virtue of embedding Netscape Gecko, Netscape 7.1 supports more Web standards, more deeply, more consistently across more platforms than any other browser. Netscape 7.1 features support for HTML 4.0, XML 1.0, Resource Description Framework (RDF), Cascading Style Sheets level 1 (CSS1), and the W3C Document Object Model level 1 (DOM1). Netscape 7.1 also has the industry's best support for Cascading Style Sheets Level 2 (CSS2), the Document Object Model Level 2 (DOM2), and XHTML. Standards support also includes XML data exchange and manipulation of XML documents with SOAP 1.1, XSLT, XPath 1.0, and FIXptr. Finally, it features a solid foundation of support for data transport protocols (HTTP, FTP, and SSL), multilingual character data (Unicode), graphics (GIF, JPEG and PNG) and the latest version of the world's most popular scripting language, JavaScript 1.5.

Software and device vendors, content and Web application developers, and consumers will all benefit from this full-power platform for Web standards.

Standards provide the power to build the 21st century Web

- HTML 4.0 supports the creation of Web forms that are easier to understand and tables that are easier to read.

- XML 1.0 enables the representation and exchange of structured documents and is a key to Internet commerce.

- Cascading Style Sheets (CSS) make it possible to richly format Web pages while simultaneously separating format and content for easy authoring and maintenance.

- The Document Object Model (DOM) makes objects on the page accessible to the JavaScript scripting language and allows scripts to edit or reformat the page and to respond to user events.

- The Simple Object Access Protocol (SOAP) and the Web Services Description Language (WSDL) both enable the construction of dynamic web pages, which can exchange data with servers without requiring a fresh page load.   This kind of data-driven transaction allows web developers to construct dynamic web experiences that send and exchange data with web services. SOAP and WSDL features are exposed to the JavaScript scripting language in Netscape 7.1.

Together, these standards enable the creation of richer Web content and higher-performance, more interactive, and more powerful Web applications that can be used on a wide range of platforms.

Content and Web application developers will benefit from using the full power of Web standards

Netscape 7.1 delivers the standards support that Web developers demand. The World Wide Web Consortium (W3C) standards at the core of Netscape Gecko provide a robust foundation for cross-platform, cross-browser, cross-device Web content and applications. Because standards are stable over time and under the control of neutral standards bodies, developers also gain investment protection for their work and products in the future.

Developers can write content and Web applications once, and they will run on any standards-compliant client application. In particular, they will run on browsers and devices that embed Netscape Gecko, reaching a broad audience across a variety of platforms.

- Because Netscape Gecko implements W3C standards, time and money won't be wasted on developing workarounds for holes in standards compliance.

- The power of a Web content and application platform now rivals that of proprietary platform APIs (such as the UI and event handling supported by Microsoft Windows), so that Web applications can offer the richness and power once only possible for platform-specific client applications. In the long term, companies will compete to create full-power Web applications to replace traditional client-side desktop applications and will aggregate multiple Web applications to create user environments matching the desktop in power and exceeding it in access to real time Internet data and in ease of use.

- Netscape Gecko's rich support for Cascading Style Sheets enables content developers to achieve formatting controls that approach those of traditional desktop publishing applications.

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- By using Cascading Style Sheets formatting rules and positioning instead of <FONT FACE=> elements and TABLEs, content developers can also slash the size of Web pages by up to 95%, dramatically reducing page download times on their site.

- The clean separation of content and presentation enabled by Cascading Style Sheets makes it easier and cheaper to maintain and update a site's look and feel over time.

- By building DOM-based applications that do more processing on the user's computer, developers can reduce the number of server round-trips necessary per session. This provides better performance to the user while simultaneously reducing load on servers and cost for the content provider.

- Within the My Sidebar tabs of Netscape 7.1, portals and content sites can immediately use the full power of Gecko to offer compelling My Sidebar tabs with timely information, links, services, and notifications. This will integrate the site more deeply and permanently into the user's browser and daily work, increasing user loyalty and return visits.

Rich Text Editing Within Web Pages

Netscape 7.1 introduces an implementation of Microsoft Internet Explorer's designMode feature. This gives websites the ability to provide rich-text editing to its users by providing APIs (Application Programming Interfaces) to execute common editing commands, such as text styles (bold, italics, etc), creating HTML links, justifying text and much more. Examples and a full explanation can be found on DevEdge (in particular, see http://devedge.netscape.com/viewsource/2003/midas/01/).

Support for Microsoft Windows Media Player in Netscape 7.1

On Windows, many multimedia experiences on the Web are built using the Windows Media technology. Netscape 7.1 now offers full interoperability with the Windows Media Player, and loads the Windows Media Player component as an ActiveX control. Developers will find this useful – they can now instantiate a Windows Media control just as they would in Microsoft's Internet Explorer browser using the OBJECT HTML element with the classid of the Windows Media component. They can also invoke JavaScript methods on the component just as they would in IE, and also make callbacks into the page as the Windows Media SDK prescribes. Netscape 7.1 will be the first Netscape browser to support Windows Media Player as an ActiveX control.

Advanced technologies in Netscape 7.1

In addition to broad, cross-platform standards support, Netscape 7.1 and the Netscape Gecko layout engine feature an architecture that is open, portable, extensible, and customizable. This architecture makes it easy to support a wide variety of platforms and devices, add rich functionality, and integrate it all with the popular JavaScript scripting language.

- Gecko's foundation is a set of **XPCOM** modules. XPCOM is a cross-platform implementation of the well-known Common Object Model (COM). Developers can easily extend the browser's core capabilities by adding their own XPCOM components.

- To make these binary components scriptable from JavaScript, Netscape Gecko supports **XPConnect**. With XPConnect, anyone who can write JavaScript can take full advantage and have full control of all the power that XPCOM binary components offer.

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- To provide up-to-the-minute support for the latest Java Virtual Machines (JVMs), Gecko supports the **Open JVM Interface** (OJI)*. This clean, plug-in based architecture decouples Gecko development from JVM development, allows Gecko users to upgrade to a new version of a JVM as soon as it is released, and gives them the freedom to choose any OJI-compliant JVM on their platform or device. It enables Web content and applications to make full use of the vast and growing library of existing Java applets.

- **LiveConnect** makes it possible for JavaScript to control Java applets and smoothly integrate them into Web content and applications.

- The entire user interface of Netscape 7.1 is implemented in **XUL**, the XML-Based User interface Language. XUL makes it easy to build a cross-platform software application user interface by leveraging all the power inherent in the Web standards (HTML, XML, CSS, and DOM) and adding in common user interface metaphors such as boxes, springs, and other layout constructs.

- The **XP Widgets** are a pre-built library of user interface objects for use in XUL. These widgets include common user interface objects such as menu bars, toolbars, tree widgets, tab widgets, progress bars, and so on. They make it even easier to build a powerful cross-platform user interface.

- XBL, the Extensible Bindings Language, allows developers to modify the behavior of existing XUL widgets and to extend the set of widgets available. Developers have the power and flexibility to deliver user interface elements custom designed for their particular applications.

- The **Mozilla Plug-in API** provides access to the power of today's leading browser plug-ins, as well as future plug-ins.

Netscape 7.1 now includes support to Web Services via JavaScript APIs. Now web sites can deploy web applications that connect with remote web services using programmatic interfaces. This mechanism is possible because of the new SOAP and WSDL interfaces implemented in Netscape Gecko. For developer information about the Web Services support in Netscape Gecko please refer to the Mozilla Web Services Projects web page.

Web Services are an XML based technology that allow applications to communicate with each other, regardless of the environment, by exchanging messages in a standardized format (XML) via web interfaces (SOAP and WSDL APIs).

Additional developer materials can be also found on DevEdge web site (http://devedge.netscape.com). The following links contains technical demonstrations of Web Services support in Gecko:

Translation Widget
http://www.mozilla.org/projects/webservices/examples/babelfish-wsdl/index.html

Web Chat integrated with Language Translation
http://www.mozilla.org/projects/webservices/examples/chat-example/index.html

Amazon Web Services Search
http://www.mozilla.org/projects/webservices/examples/mozilla-wsdl/index.html

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Software and device vendors gain a fast, powerful, standards-compliant layout engine with full access to the richness of the Web

More and more software applications need the ability to display Web content for help, for the preview of output that has been formatted for the Web, or for other purposes. Also, the next few years will bring a proliferation of devices for browsing the Web. Vendors can build their products more quickly and easily by embedding Netscape Gecko and offer their customers full power Web browsing at the same time, without being tied to a particular operating system.

Easy to embed

- Netscape Gecko's Web shell embedding API makes it easy to integrate into any application. In addition to Netscape 7.0, Netscape Gecko is embedded in other AOL clients, including CompuServe 7.0, as well as in the products of a variety of other companies.

- The release of Mozilla 1.4 signals to developers a level of maturity and support for the Netscape Gecko APIs. Combined with broad distribution of Gecko-based products, this ensures that vendors' development investments are preserved as their products evolve.

- Netscape Gecko is free, so application and device vendors can add support to their product for all these Web standards with zero licensing or distribution costs.

- Because of Netscape Gecko's cross-platform, cross-device architecture, vendors can easily use Netscape Gecko on a wide range of platforms or devices.

System Requirements

Netscape 7.1 Requirements

Windows	Operating Systems	Windows 98, 98SE, Windows ME, Windows NT 4.0, Windows 2000, Windows XP
	Minimum Hardware	233 MHz 64 MB RAM 26 MB hard drive space for minimum install
Mac	Operating Systems	Mac OS X 10.1.x Mac OS X 10.2 or later
	Minimum Hardware	PowerPC 604e 266 MHz or faster processor, G3, or G4 64 MB RAM 36 MB hard drive space
Unix	Operating Systems	Linux kernel-2.2.14 or greater, with the following libraries or package minimums: • glibc - 2.2.4 • gtk+ - 1.2.0 (1.2.5 or greater preferred) • XFree86-3.3.6 **Supported Platforms:** Netscape has been certified and is supported on RedHat Linux 7.0 and greater.
	Minimum Hardware	233 MHz 64 MB RAM 26 MB hard drive space