What Is ActiveX?

ActiveX™ is a set of technologiesntandard that enablesads to create interactive content for the World Wide Web. ActiveX Controls technologies deliveeglue that enables interactiveftware components cmpordless of the language they are were written in, to work togetherinteract each otherwith one anothn a networonmenre ActiveX, Wweb content was consisted of static, two2-dimensional text and graphics. With ActiveX, Wweb sites come alive using multimediaeffects, inttive objects, and sophisticted applications that create a user experience cmparable to that of high- quality CD-ROM titles.

Why Do Web Producers Use ActiveXhat are its Benefits to Web Producers?

- **Active Web content with ilpact**lopers create dynami will atract and retain users.

- **Platform Sup**s and Unix operathis component software architecture. ActiveX is widely supported in the marketplace today, in terms of deployed tlogy,s like Micrtechnology ble a new kind of int for the World Wide Web. Before ActiveX, ebimensional text and graphcs. With ActiveX, web si tm) combine the best tech. ActiveX provides:objects, and sophisticated applications that create a user experience comparable to that of high quality CD-ROM titles. ActiveX hat ties together a wide assortment of technology building blocks to enable theseis the technology that allows these individual building blocks to work together and behave as an "activWhat does it mean to a Web User?are its Primary Benefits?

- ActiveX enables interactive content for the World Wide Web. Before ActiveX, web content was static, 2-dimensional text and graphics. With ActiveX, web sites come alive using multimedia effects, interactive objects, and sophisticated applications that create a user experience comparable to that of high quality CD-ROM titles. ActiveX provides the glue that ties together a wide assortment of technology building blocks to enable these "active" web sites.

- **Active Web Content with Impact** that will attract and retain users

- **Ability to use fFamiliar tTools.** AtiveX enables developers to use a stable of field- tested tols from a wide assortment of programminenicluding the Microsoft® Visual Basic® programming

- more -

system, and the , Visual C++®opment system set, Macromedia Shockw AdoBorland® Delphi®, Borland C++, Java, and nJava-enabled tool. Developers can use what they know and be productive immediately.

- **ActiveX Controls already aAailable.** More than a thousand InventoryCcontrols areavailable today for immeiate use by Wweb site producers.designersproducers

- **Support for industry standards.** ActiveX has built-in support for key industry and de facto marketplace standards, including HTML, TCP/IP, Java, COM and others.

- **Open, multi-Patform sSpport.** ActiveX is an open, published stecification that will provide support for the Macintosh®, Windows® and UNIX® operating systems.

What Are tThe Ppimary elements of ActiveX?

but the The ActiveX platformstandard embraces includes both client, and server and tools tecs.:

- **ActiveX Controls** are the interactive objects in a Web page that provide interactive and user-controllable functions, and hence enliven the experience of a Web site.

- **ActiveX Documents** enable users to view non-HTML documents, such as Microsoft Excel or Word files, through a Web browser.

- **ActiveX Scripting** controls the integrated behavior of several ActiveX Controls and/or Java Applets from the browser or server.

- **Java™ Virtual Machine** is the code that enables any ActiveX-supported browser such as Microsoft Internet Explorer 3.0 to run Java Aapplets and to integrate Java applets them with ActiveX Ccontrols.

- **ActieX Server Framework** provides a number of Wweb server-based functions, such as security, database access, and others.

and ActiveXToday, Internet Explorer is the bestway for web browser users to view and experience ActiveX contnt. While all ActiveX standards and technologies are completely documented and published so that other browser vendors can adopt them, Internet Explorer is the only browser today which provides full support for ActiveX.

the benefits of ActiveX enabled web pages.What Can ActiveX io?

- more -

ActiveX enables developers with varied backgrounds and expertise to bring innovation and interactivity to the Web. Based on a refinement of the existing COM standard already known by thousands of developers, it can lake full advantage of the knowledge and work of the development community without a steep learning curve. An exciting collection of over one thousands of inteive ActiveX objects is already available for immediate use by Wweb produers. And, because ActiveX is a third- generation technlogy with extensive third- party support, i provides the richest development platform for both Internet and iIntranet cClient/Server aplicatins available today. Like As in an orchesrse members are software components, ActiveX plays the role of conductor, allowing talented individuals to work together and perform great works in unison. ActiveX, while not visible to the audience, is critical to the success of the performance.collectionparts librarythat is

Why Is ActiveX Important?

ActiveX makes it fast and easy for developers and Web producers to create unique, interactive Web sites that will make the Internet fundamentally more useful and productive. Becaalld pg producers don't have to start from scratch to, buildng alle interacffor tr interactive Wweb site byhand, there are already over one thousands of reusable rols available in the market. And, because ActiveX can be used with a wide varietynguages from dozens of vendors, incluopers and web masters can mke use of thurr expertise to more quickly eing content more quickly. They can also accommodate a wide range of users, as ActiveX will be supported on multiple operating system platforms.

 ActiveX provides choice [WHY?] ensures security [HOW?] is compatible with existing investments [WHAT INVESTMENTS?] and enables web producers to target widest majority of web users [HOW?]. It can also be used to integrate web sites with corporate systems [EXAMPLE?] or web browsers with other applications software [EXAM.How Does ActiveX Work Withciava?

their Java
programs. Similarly, and enables objects written in other languages from multiple vendors can link toto useusable comentActiveX sthe glueolds themher, delivering the most powerful Wweb technologiin an open, integrated platform.. By providing a standrd technology platform to extend and ink programming languages, including Java, In this way, ActiveX does not compete with programming languava; , and,tandsing developers' resrces fractive
Who Supports ActiveX?
ven from Component bueveral hundred smalmedium-sizd and large software companies currently create ActiveX Ccontrols, including companies such as IBMLotus Devel?opent/Lotus Corp., Borland Internationanc., Oracle Corp.ybase-PowerSoftPowersoft Corp. Sybase/Powersoft . As a result of their work, t1eact nu]Ccontrols reafor use today for by wWeb site producers. ion, 14 sveral dozen [get exactnies creweb desig and development tools have built ActiveX support into their products, aing their ustomers to both create and make use of ActiveX Ccontrols in their programs. Microsoft's Internet Explorer 3.0 supports ActiveX,, and Microsoft rovides the ActiveX plug-in for Netsce™ Navigator, enabling the

broadest rang of Internet users to view ActiveX-enabled Web pages.Microsoft's Internet ExpltsActiveX, andctiveX cprovides the ActiveX plug in for Netscape Navigator, enabli

Elemnts?he ActiveX poth client and server technologies.

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  - **Java™ Virtual Machine**, the code that enables any ActiveX-supported browser such as Internet Explorer 3.0 to run Java applets and to integrate Java Applets with ActiveX Controls.

  - controls the inegrated **Java™ Virtual Machine** is the code that enables any ActiveX-supported browser such as Internet Explorer 3.0 to run Java applets and to integrate Java applets with ActiveX controls.

  - Where Does ActiveXit Run?

ActiveX is current supported byon the Windows operating system. Microsoft is working with Metrowerks Inc. to support ActiveX on the Macintosh platform and is also working with Bristol Technology Inc. and Mainsoft Corp. to support it on UNIX platforms. Developers who write ActiveX Ccontrols and other ActiveX objects will be able to reach the widest possible user audience with this cross-platform solution.

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For more information, press only:
Patti Pierson, Waggener Edstrom, (503) 245-0905, pattip@wagged.com
Joscelyn Zell, Waggener Edstrom, (503) 245-0905, jzell@wagged.com
and ActiveX**Today, Internet Explorer is the best way for web browser users to view and experience ActiveX content. While all ActiveX standards and technologies are completely documented and published so that other browser vendors can adopt them, Internet Explorer is the only browser today which provides full support for ActiveX.**