

# **DWR Java AJAX Applications**

A step-by-step example-packed guide to learning professional application development with Direct Web Remoting



# **Dwr Java Ajax Applications Salkosuo Sami**

**Steven Douglas Olson** 

#### **Dwr Java Ajax Applications Salkosuo Sami:**

DWR Java AJAX Applications Sami Salkosuo, 2008-10-29 A step by step example packed guide to learning professional **DWR Java AJAX Applications** Darshana D. Shinde,2005\* application development with Direct Web Remoting on Java Steven Douglas Olson, 2007-02-22 This practical guide shows you how to make your Java web applications more responsive and dynamic by incorporating new Ajaxian features including suggestion lists drag and drop and more Java developers can choose between many different ways of incorporating Ajax from building JavaScript into your applications by hand to using the new Google Web Toolkit GWT Ajax on Java starts with an introduction to Ajax showing you how to write some basic applications that use client side JavaScript to request information from a Java servlet and display it without doing a full page reload It also presents several strategies for communicating between the client and the server including sending raw data and using XML or JSON JavaScript Object Notation for sending more complex collections of data The book then branches out into different approaches for incorporating Ajax which include The Prototype and script aculo us Javascript libraries the Dojo and Rico libraries and DWR Integrating Ajax into Java ServerPages JSP applications Using Ajax with Struts Integrating Ajax into Java ServerFaces JSF applications Using Google's GWT which offers a pure Java approach to developing web applications your client side components are written in Java and compiled into HTML and JavaScript Ajax gives web developers the ability to build applications that are more interactive more dynamic more exciting and enjoyable for your users If you re a Java developer and haven t tried Ajax but would like to get started this book is essential Your users will be grateful Evaluation and comparison of Ajax Frameworks regarding applicability, productivity and technical limitations Lukas Ostermaier, 2008-03-11 Inhaltsangabe Abstract For some years the Internet has been dominated by phrases like Web 2 0 and Ajax The catchword Web 2 0 which was originally established by O Reilly at the first Web 2 0 conference in October 2004 not only describes a new way of perception and usage of the internet e g social software like blogs wikis etc but also stands for more or less innovative techniques as for instance RSS or Ajax The latter is a combination of techniques that have been available since the late 1990s such as JavaScript asynchronous requests and XML However the term Ajax only exists since Jesse James Garret introduced it in his article in February 2005 Since then Ajax has experienced a real hype Google Mail Google Maps or Flickr just serve as examples for the mass of applications that have to attribute their success substantially to Ajax When it comes to web application development there has also been a lot of progress in the field of Ajax Ajax frameworks of all kinds massively gained popularity and flooded the development community From the biggest companies through to small development teams almost everyone has published his own Ajax framework or library in the last two years In the meantime there are far more than 150 different frameworks for various programming languages and diverse aims Because of this uncontrolled growth of frameworks it is quite difficult to say which of those is most suitable for a specific project There are two key questions that have to be considered in case of Ajax or Rich Internet Applications RIAs in

general How can Ajax significantly increase the business value of an application and how can it be applied productively This thesis mainly focuses on the latter question by evaluating three Ajax frameworks of large companies with a strong background by means of an example application with respect to commercial applicability productivity performance as well as enhancement and adaptation possibilities Furthermore this work discusses the technical limitations and problems of Ajax and provides an outlook on future developments in this area As example application for the evaluation a web based tracking system for public transportation is implemented Each single vehicle is visualized on a street map according to its current position By the implementation of this application with each of the three chosen Ajax frameworks their applicability productivity and performance is illustrated as well as Ajax in Oracle JDeveloper Deepak Vohra, 2008-03-14 Asynchronous JavaScript and XML Ajax is a web technique used to transfer data between a browser and server asynchronously without posting the web page to the server Asynchronously implies that the processing of the web page continues while the Ajax request is sent to the server and a response is received from the server The web page or section s of the web page is refreshed with the Ajax response without reposting the web page Ajax has the following advantages over non Ajax web applications Reduced response time and reduced server load as the complete web page is not reposted Reduced bandwidth of web applications as only data is transferred and the HTML format is applied in the browser Separation of data format and style The book covers web search and RSS Feed with Ajax as well as form validation with Ajax frameworks for Java JSP JSF and PHP It discusses using Ajax in Oracle JDeveloper and is IDE based JDeveloper has the following advantages over Eclipse IDE JDeveloper 11g provides an integrated JavaScript Editor for Ajax Web development It also provides a PHP extension IDeveloper has a built in support for ISF and for IDBC Practical Ajax Projects with Java Technology Frank Zammetti, 2008-11-01 This book will save Java developers countless hours of development time by providing seven complete Ajax applications to learn from and adapt for use in their own projects. The applications include an online calendaring scheduling system a FlickrTM style photo gallery application and an Ajax role playing game The book also details the set up of a perfect Java Ajax development environment in which to construct the applications Java technologies covered include Apache Ant Ajax Tags Struts Prototype DWR Dojo and more This is the first book of its kind aimed at Java Ajax developers

Pro Ajax and Java Frameworks Nathaniel Schutta, Ryan Asleson, 2006-12-06 As a Java developer you want a guide that shows you how to add Ajax functionality to your web applications with a minimum of effort Look no further than Pro Ajax and Java Frameworks In this book recognized Java experts and authors of the bestselling Apress title Foundations of Ajax will show you how The authors begin by recapping Ajax basics Then they unveil a comprehensive Java Ajax toolkit Tools include JSEclipse for code editing Venkman for JavaScript debugging and Dojo Compressor for code compression They also explain Log4js and other tools for JavaScript logging JsUnit and others for testing and various libraries like AjaxTags DWR and Script aculo us for rapid code development The last part of the book shows you how to build up a series of professional Java Ajax

applications These will incorporate some of today s most popular frameworksSpring JSF Struts and Tapestry giving you all you need to incorporate Ajax into your everyday work and become an Ajax expert Practical DWR 2 Projects Frank Zammetti, 2008-01-23 The Ajax craze is sweeping the world and there is no shortage of libraries from which to choose to make it all easier to develop One of those libraries has risen near the top in the Java space and that library is DWR DWR or Direct Web Remoting allows you to treat your Java classes running on the server as if they were local objects running in the browser bringing the full power of your server side business logic to the client without the usual problems that entails In this book you will Explore DWR and all it offers Find six full working applications that use DWR instead of a lot of theoretical musings Learn by example more importantly by doing as you tear the applications apart see what makes them tick and even extend them at your own pace In the end you ll have a great feel for what DWR offers and how Ajax can bring the world of Web 2 0 to your doorstep and you ll have a good time doing it What you ll learn Call a server side object in a snap and make it look like any local JavaScript call to boot Provide a strong security mechanism for securing your server side code Integrate with many of the most popular frameworks out there Provide not only Ajax but Comet capabilities sometimes called reverse Ajax Dig into Ajax using DWR in a practical and hacking kind of way starting with a webmail client and Wiki projects Build a simple file manager application and an online timesheet system Complete a DWR based game project Who this book is for Web application developers senior projects leads and application architects Ajax In Practice Dave Crane, Bear Bibeault & Jord, 2007-06-06 Ajax in Practice tackles Ajax head on providing countless hands on techniques and tons of reusable code to address the specific issues developers face when building Ajax driven solutions After a brief overview of Ajax this book takes the reader through dozens of working examples presented in an easy to use cookbook format Readers will learn how to implement drag and drop interfaces and discover how to create effective navigation strategies for their applications Unlike a traditional cookbook Ajax in Practice provides a thorough discussion of each technique presented and shows how the individual components can be connected to create powerful solutions A fun mash up chapter concludes the book Throughout the book the examples chosen are interesting entertaining and practical Handling events Form validation and submission Content navigation Handling back refresh and undo Drag and drop Being user friendly State management and caching Mashing it up with Ajax Embracing Ajax How to talk Ajax Object oriented JavaScript and Prototype Open source Ajax toolkits

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