



Your Short Cut to Knowledge

ThinWire® Handbook

A Guide to Creating Effective Ajax Applications

Joshua Gertzen and Ted C. Howard



Community Press

www.prenhallprofessional.com

Thin:Wire
Open Source Ajax RIA Framework

CHAPTER 1:
Introduction to ThinWire

CHAPTER 2:
Component Overview

CHAPTER 3:
User Interaction with Events

CHAPTER 4:
Layout Management

CHAPTER 5:
Styling an Application

CHAPTER 6:
Application and Utilities



Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks. Where those designations appear in this work, and the publisher was aware of a trademark claim, the designations have been printed with initial capital letters or in all capitals.

The author and publisher have taken care in the preparation of this work, but make no expressed or implied warranty of any kind and assume no responsibility for errors or omissions. No liability is assumed for incidental or consequential damages in connection with or arising out of the use of the information or programs contained herein.

Visit us on the Web: www.prenhallprofessional.com

Copyright © 2008 SourceForge, Inc.

All rights reserved. This publication is protected by copyright, and permission must be obtained from the

publisher prior to any prohibited reproduction, storage in a retrieval system, or transmission in any form or by any means, electronic, mechanical, photocopying, recording, or likewise. For information regarding permissions, write to:

Pearson Education, Inc.
Rights and Contracts Department
501 Boylston Street, Suite 900
Boston, MA 02116
United States of America
Fax (617) 671-3447

ISBN-13: 978-0-13-236622-9

ISBN-10: 0-13-236622-3

Second release, August, 2007

ThinWire Handbook: A Guide to Creating Effective Ajax Applications (Digital Short Cut)

Table of Contents

Table of Contents

Overview of What Is in This Short Cut

1 Introduction to ThinWire

- What Youll Find in This Handbook

- The ThinWire Way

- Where to Find ThinWire

- Running a ThinWire Application

- Summary

2 Component Overview

- Frame: The Painters Canvas

- Using Containers to Separate Your Landscape

- The Elemental Components

- Editor Component Basics

- Components That Make Things Happen

- Components That Add Flare

- Specialty Components

Table of Contents

Visualize Data with GridBox

Condensing Data with DropDownGridBox

Better Navigation with Tree and Menu

Rolling a Custom DropDown

Summary

3 User Interaction with Events

Understanding the Event Model

State and Property Change Events

When the Event Source Is Not a Component

Drag and Drop User Interactions

Using Mouse Coordinates

Responding to the Keyboard

Container, Grid, and Hierarchy Change Events

Global Event Listeners

Summary

4 Layout Management

Enter Layout Managers

SplitLayout

TableLayout

Custom Layout Manager

Summary

Table of Contents

5 Styling an Application

Applying Runtime Component Styling

Capabilities of the Color Object

More on the Style Classes

Background Style Group

Border Style Group

Font Style Group

FX Style Group

Understanding Style Sheets

Creating Custom Style Sheets

Additional System Color Features

Rich Text Markup Language

Summary

6 Application and Utilities

Application

ArrayGrid

ImageInfo

XML Object Definition (XOD)

Using XOD for Form Layout

Conclusion