



wikipatterns

a practical guide to improving
productivity and collaboration
in your organization

Stewart Mader



Wikipatterns

Stewart Mader



Wiley Publishing, Inc.

Wikipatterns



Wikipatterns

Stewart Mader



Wiley Publishing, Inc.

Wikipatterns

Published by
Wiley Publishing, Inc.
10475 Crosspoint Boulevard
Indianapolis, IN 46256
www.wiley.com

Copyright © 2008 by Wiley Publishing, Inc., Indianapolis, Indiana
Published simultaneously in Canada

ISBN: 978-0-470-22362-8

Manufactured in the United States of America

10 9 8 7 6 5 4 3 2 1

No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as permitted under Sections 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600. Requests to the Publisher for permission should be addressed to the Legal Department, Wiley Publishing, Inc., 10475 Crosspoint Blvd., Indianapolis, IN 46256, (317) 572-3447, fax (317) 572-4355, or online at <http://www.wiley.com/go/permissions>.

Limit of Liability/Disclaimer of Warranty: The publisher and the author make no representations or warranties with respect to the accuracy or completeness of the contents of this work and specifically disclaim all warranties, including without limitation warranties of fitness for a particular purpose. No warranty may be created or extended by sales or promotional materials. The advice and strategies contained herein may not be suitable for every situation. This work is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional services. If professional assistance is required, the services of a competent professional person should be sought. Neither the publisher nor the author shall be liable for damages arising herefrom. The fact that an organization or Website is referred to in this work as a citation and/or a potential source of further information does not mean that the author or the publisher endorses the information the organization or Website may provide or recommendations it may make. Further, readers should be aware that Internet Websites listed in this work may have changed or disappeared between when this work was written and when it is read.

For general information on our other products and services or to obtain technical support, please contact our Customer Care Department within the U.S. at (800) 762-2974, outside the U.S. at (317) 572-3993 or fax (317) 572-4002.

Library of Congress Cataloging-in-Publication Data is available from the publisher.

Trademarks: Wiley and the Wiley logo are registered trademarks of John Wiley & Sons, Inc. and/or its affiliates, in the United States and other countries, and may not be used without written permission. All other trademarks are the property of their respective owners. Wiley Publishing, Inc., is not associated with any product or vendor mentioned in this book.

Wiley also publishes its books in a variety of electronic formats. Some content that appears in print may not be available in electronic books.

To Amy

It is not the strongest of the species that survives, nor the most intelligent, but those most adaptive to change.

Charles Darwin

About the Author

Stewart Mader is Wiki Evangelist for Atlassian Software Systems, and a noted wiki/social software researcher, author, blogger, and speaker. Before joining Atlassian, he worked with several universities and a number of other organizations to introduce wikis and grow wiki collaboration across departments, teams, and projects.

In 2007 he launched Wikipatterns.com, a community-built, wiki-based resource for people to share patterns and strategies for increasing wiki collaboration.

The screenshot shows the homepage of Wikipatterns.com. At the top, there is a search bar and a navigation menu with links for Home, Log in / Sign up, Edit Profile, About, and Contributors. Below the navigation, there is a main content area with a featured article titled "Looking to spur wiki adoption?" which discusses the challenges of growing a wiki and provides a guide to patterns and anti-patterns. To the right of the main content, there are two sidebars: "New to wikipatterns? Start here." and "See what's changed" with links to "Recent changes and contributors" and "RSS Feed". At the bottom of the page, there are four columns of links categorized under "People Patterns", "People Anti-Patterns", "Adoption Patterns", and "Adoption Anti-Patterns".

People Patterns	People Anti-Patterns	Adoption Patterns	Adoption Anti-Patterns
90-9-1 Theory	Bully	Agenda	All wiki all the time
BarnRaising	ContributorForHire	Assess Wiki-Ability	BeanCounter
Biography Wiki	Copyright Infringement	Automatic Index	ContributorForHire
Champion	Do It all	Built-In obsolescence	EmptyPages
Defend Yourself	EmulatingReplicator	Came/Case	Manager Lockdown
IdentityMatters	Gate	Clean Permissions	OneHammer
Invitation	Leech	Communication	PageOwnership
Learning still	OverOrganizer	Community Write	Registration Required
Maintainer	TransparencyComplaints	Conferences	Sandbox

He also publishes *Blog on Wiki Patterns* (ikiw.org), which is his personal perspective on the uses and benefits of wiki collaboration.

The screenshot shows the homepage of the 'Blog on Wiki Patterns' website. The header features the title 'Blog on Wiki Patterns' with the tagline 'in education, business, and the enterprise'. Below the header, there are two main article teasers. The first is titled 'Confluence & Domino at NYK: An enterprise wiki adoption story' and mentions Dennis Howlett. The second is titled 'Why wikis should replace email for collaboration' and references the InfoWorld blog. Below these are several smaller promotional tiles for 'Using Wiki in Education wikibook', a video player, a 'Proud member Grules network' badge, 'wikipatterns.com', and 'about Stewart'. The main content area is divided into three columns: 'About', 'Recently', and 'Bligs I read'. The 'About' column includes information about Stewart Mader, the blog's ISSN (1934-3728), and subscription options. The 'Recently' column lists several recent posts with dates and titles. The 'Bligs I read' column lists various external blogs that the author follows. At the bottom left, there is an 'iTunes Favorites' section featuring 'DJ Encore Dave N' and names like Charles Barkley and Laurel Zucker, Joe.

In October 2006, he published *Using Wiki in Education* (wikiineducation.com), a book containing 10 wide-ranging case studies from teachers using the wiki to transform teaching and engage today's students. This is the first book to focus specifically on the wiki in education and be developed and published using a wiki, so it actively demonstrates the tool in action.

Using Wiki in Education

Log in | Sign up | History

Home Search

A Wiki Book

- [Who should read this book, and why is it published on a wiki?](#)
- [Foreword](#) - Mike Cannon-Brookes, Atlassian (free)
- [Acknowledgements](#) - [Stewart Mader](#) (free)

1. [Four Letter Words - How wiki and edit are making the Internet a better teaching tool](#)
Stewart Mader (free)
2. [The Collaborative Writing Project](#)
Paul Schacht, SUNY Geneseo
3. [The LTC Wiki - Experiences with Integrating a Wiki in Instruction](#)
Stuart Glogoff, University of Arizona (blog?) (free)
4. [Scaffolding Student Collaboration for Group Wiki Projects](#)
Rick Roo, George Mason University
5. [Hanging it all out - Using a wiki in University Research](#)
Peter Higgs, Queensland University of Technology
6. [Wikis in Education Case Study - Westwood Schools Wiki Integration](#)
Victoria Davis, Westwood Schools
7. [Navigating the Wiki Maze - Using a Wiki Tool Within a Course Management System](#)
David Wicks, Seattle Pacific University
8. [Constructing science knowledge using a wiki](#)
Stewart Mader
9. [Wikis in the Academy](#)
Jude Higdon, University of Southern California
10. [Wiki-based collaboration and academic publishing](#)
Stewart Mader
11. [The New Learning Landscape](#)
Stewart Mader

Wiki Toolbox

- [Ways to use wiki in education](#)
- [Wiki Tools](#) - web-hosted, enterprise and open source
- [Courses & projects using wiki](#)
- [Wiki articles and papers!](#)

Citation & Copyright

- [Creative Commons License](#).
- Authors retain copyright to their intellectual content, with Stewart Mader owning copyright to the collected publication.
- [Citations in MLA, APA, and Chicago style](#)

16 children | [View in hierarchy](#)

CC BY-NC-SA
Adaptivist Theme Builder Powered by Atlassian Confluence

He has taught science both in the classroom and online, worked extensively with social software and wiki technology in education, and has worked with faculty to apply and assess its impact on student learning. He previously served as Senior Instructional Technologist for Life Sciences and Brown Medical School at Brown University, Educational Technologist at Emerson College, Instructional Designer and Interim Director of the Faculty Center for Learning Development at University of Hartford, and has collaborated with faculty at Long Island University on a series of teaching and learning projects.

He is cofounder of The Science of Spectroscopy (scienceofspectroscopy.info), a project that rethinks how spectroscopy is taught by using a model that starts with real-world applications, gets students engaged and asking “how does it work?” and then teaches techniques and theory. The website is wiki-based, making it easy for users to quickly edit pages and contribute information using just a web browser. The project has been featured in the journals *Science* and *Chemistry International*, is a member of the National Science Digital Library and the National Grid for Learning, and was recently named a member of 33 wikis, a showcase of the best in wiki-based collaboration.

The Science of Spectroscopy

Wiki
Spectroscopy applications, techniques, and theory in a wiki - a site that makes it easy for anyone to contribute and edit pages.
read/edit

Using Wiki in Education
Blog by Stewart Mader. Includes interviews, example wiki uses, product profiles, and updates on The Science of Spectroscopy wiki.
read subscribe listen

Who's Using the Site
University of California, Santa Barbara
National Research Council Canada
New Mexico Tech
Brown University
NJIT - New Jersey Institute of Technology
Bristol University
Visitors: 128,336
How does this work?

Learn from real-world applications
Choose what interests you from topics like: Decoding DaVinci, sunscreen, Digital Fish Library, Lasers, MRI/sports medicine... and see how spectroscopy is involved.

33 Wikis
The Science of Spectroscopy was recently named one of 33 Wikis showcasing the best in wiki-based collaboration.

Raman Spectroscopy
Experience a low cost and high performance - Raman Spectroscopy.
www.dwaoptron.com

AC-2 Spectrometer by RKI
Photoelectron Spectroscopy in Air UV, Atmospheric Pressure Operation
photoelectronspectrometer.com

Spectral Products
Fiber/LED/tunable light sources, spectrometers, and monochromators.
www.SpectralProducts.com

ESCA/XPS Analysis
Since 1983, ISO 9001:2000 certified AFM, Auger, FTIR, SIMS, SEM/EDS
www.rockymountainlabs.com

Ads by Google

© The Science of Spectroscopy. This work is licensed under a creative commons license.

He has produced two films in collaboration with NASA. *Seeing the Scientific Light* and *Skysight* let students hear directly from scientists who use spectroscopy in their everyday work. The films have aired on PBS stations and are currently in retail distribution. He holds a B.S. in Chemistry from University of Hartford, and is pursuing an M.S. in Curriculum Development and Instructional Technology from University at Albany.



Credits

Executive Editor

Chris Webb

Development Editor

Adaobi Obi Tulton

Production Editor

Dassi Zeidel

Copy Editor

Mildred Sanchez

Editorial Manager

Mary Beth Wakefield

Production Manager

Tim Tate

**Vice President and Executive
Group Publisher**

Richard Swadley

**Vice President and Executive
Publisher**

Joseph B. Wikert

Project Coordinator, Cover

Lynsey Osborn

Proofreader

Jen Larsen, Word One

Indexer

Robert Swanson

Anniversary Logo Design

Richard Pacifico

Cover Image

©iStockphoto.com/Arthur
Kwiatkowski



Contents at a Glance

Chapter 1	Grassroots is Best	1
	Case Study: LeapFrog	17
Chapter 2	Your Wiki Isn't (Necessarily) Wikipedia	25
	Case Study: Johns Hopkins University	37
Chapter 3	What's Five Minutes Really Worth?	41
	Case Study: Sun Microsystems	61
Chapter 4	11 Steps to a Successful Wiki Pilot	63
	Case Study: Red Ant	75
	Case Study: A Conversation with a WikiChampion: Jude Higdon	81
Chapter 5	Drive Large-Scale Adoption	87
	Case Study: JavaPolis	101
	Case Study: A Conversation with a WikiChampion: Jeff Calado	103
Chapter 6	Prevent (or Minimize) Obstacles	107
	Case Study: Kerrydale Street	117
Chapter 7	Inspirational Bull****	121
	Case Study: Constitution Day	127
	Case Study: Peter Higgs: Using a Wiki in Research	129
Appendix	Questions & Answers	141
	Index	155



Contents

Foreword	xxv
Acknowledgments	xxix
Introduction	xxxiii
Chapter 1 Grassroots is Best	1
Wiki?	3
The Wikipedia Factor	5
<i>You Can Do It!</i>	6
Unleash the Early Adopters	6
Move Swiftly and with Purpose, but Don't Rush It	7
It Doesn't Matter Where You Are	7
Listen	8
Be Open Minded	8
Become Better at What You Do	9
Wiki Patterns and Wikipatterns.com	9
References	15
Case Study: LeapFrog	17
1. Why did you choose a wiki?	17
2. What type of wiki are you using?	19
3. How are you using the wiki?	19
4. Looking at Wikipatterns.com, what patterns are in use on your wiki?	22
5. What changes have you seen as a result of using a wiki?	22
Chapter 2 Your Wiki Isn't (Necessarily) Wikipedia	25
Brief History of Wikipedia	26
Nature Compares Accuracy of Wikipedia and Britannica	27