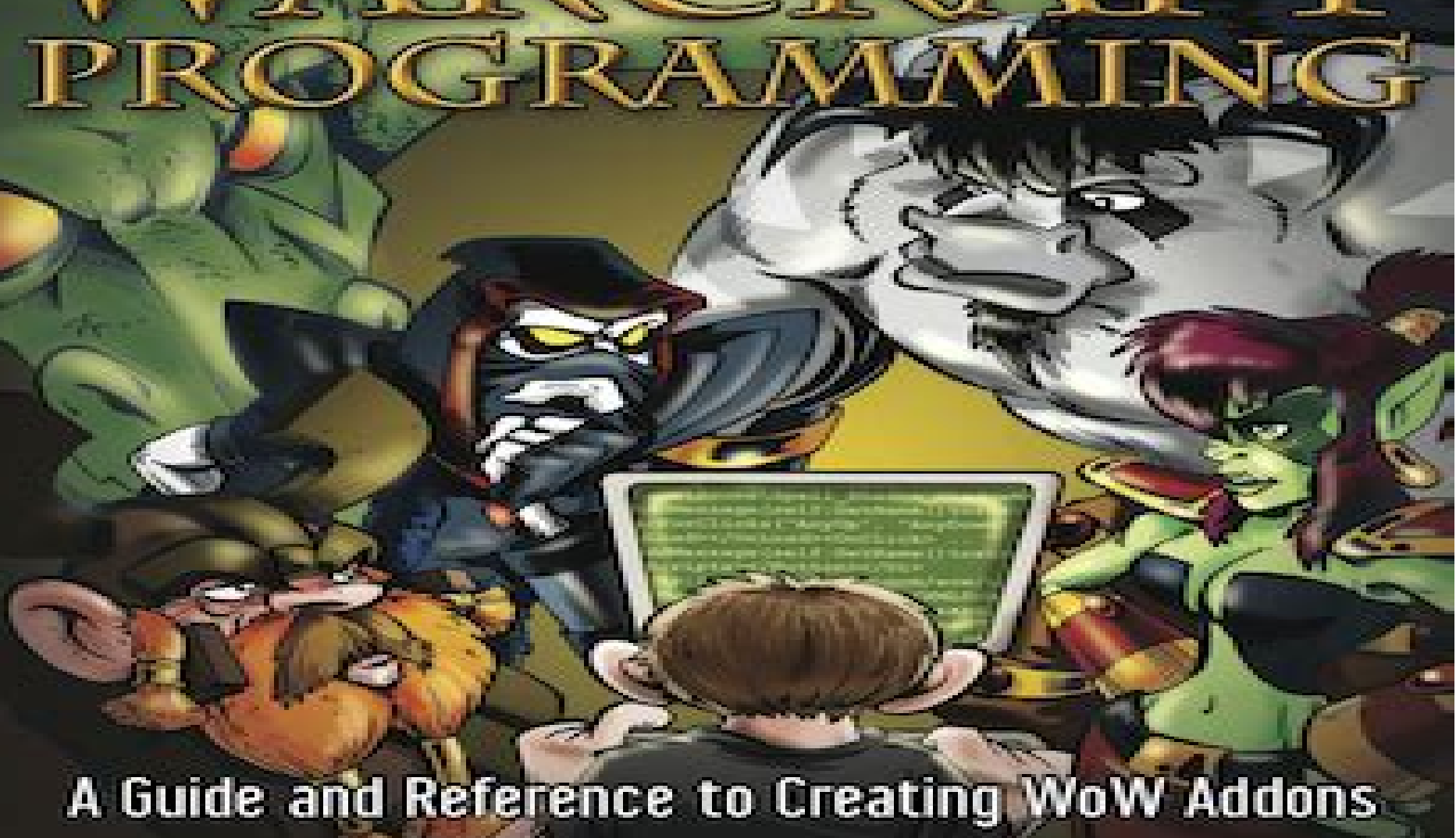


James Whitehead II, Bryan McLemore, Matthew Orlando

# WORLD WARCRAFT PROGRAMMING



A Guide and Reference to Creating WoW Addons

# World Of Warcraft Programming A Guide And Reference For Creating Wow Addons

**James Whitehead, II, Bryan  
McLemore, Matthew Orlando**



## **World Of Warcraft Programming A Guide And Reference For Creating Wow Addons:**

**World of Warcraft Programming** James Whitehead, II, Bryan McLemore, Matthew Orlando, 2008-05-05 WoW is what you'll say when you see how many ways you can tweak the World of Warcraft interface after you read this book. If you're new to programming, we'll teach you the basics of Lua and XML and walk you through writing your first addon. If you already have some original addons in your arsenal, jump right into Parts III and IV and work with templates, function hooking, custom graphics, state headers, and more. We'll even help you distribute your addons, making WoW better for everybody. Respond to events, create frames, and use the WoW API to interact with the game. Learn the Lua programming language through interactive examples, from values and variables to custom functions and control structures. Write well-formed XML and validate using schemas. Find specific functions easily in the comprehensive references of APIs, API categories, events, and widgets. Create custom graphics, scroll frames, dropdown menus, and much more. A Note from the Publisher: In the first printing, we mistakenly omitted the Authors' Acknowledgements, which included the names of many World of Warcraft community members who helped bring this book to market. I want to publicly thank them for their efforts and apologize for the omission, which will be corrected in the second printing. It is the members of the WoW community that make Blizzard's amazing game an even greater experience for millions of players around the world, and their efforts on this book are greatly appreciated. Chris Webb, Executive Editor: From the Authors, James and Lee Whitehead, thank you for standing behind me on everything that I've done throughout my wacky life. None of this would have been possible without the guidance and support that you've provided me. Michelle Hastings, thank you for finding a way to bridge a 5300-mile gap and still make me feel like I'm in your living room. Robert and Gregory Whitehead, thank you for sticking by me wherever I am and whatever I do, without ever passing judgment. Tom Harper, thank you for letting me be a part of your life. Every single day with you is an adventure I can't wait to begin, and you have changed my life forever. Jamie Anderson and Edward Wilman, thank you for letting us invade your sanctuary and for being such good friends. Charlie Radcliffe, Björn Alfthan, Anne Christianson, and Chris McCabe, thank you for being great flatmates. Worcester College, MCR, thank you for giving me a community of friends in a very foreign land. Karen Hobson, thank you for being so helpful and supportive throughout the last two projects; you've helped keep me afloat. Sam Lantinga, thank you for all the time and effort you put into helping the World of Warcraft community. Kevin M. Kelly, thank you for your odd sleep patterns and availability; exploration of the unknown is always easier when you have a friend with a map. Daniel Stephens, thank you for your help digging through various parts of the API and for giving me a good jumping-off point for my data exploration. Chris Webb, thank you for bringing this book and Hacking World of Warcraft into existence. Both books serve as great resources for the WoW UI community. Maryann Steinhart, thank you for your guidance through the entire process. Your feedback, as always, has proved instrumental to the process. Matthew and Bryan, for working with me on this extremely ambitious project, it's definitely been a rollercoaster. Thanks to everyone who kept me moving when I needed a

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*World of Warcraft Programming* James Whitehead, II, Rick Roe, 2011-03-31 The 1 bestselling programming book is back with updated and expanded coverage of the newest release of WoW World of Warcraft WoW is currently the world s largest massively multiplayer online role playing game The newest release Wrath of the Lich King has created a demand for updated information on writing addons This eagerly anticipated edition answers that request and is an essential reference for creating WoW addons Written by a duo of authors who have each contributed a number of successful WoW addons the book offers an overview of Lua and XML the programming languages used to write addons and includes coverage of specific pitfalls and common programming mistakes and how to avoid them Valuable examples show you detailed aspects of writing addons for WoW and demonstrate how to implement addon concepts such as variables slash commands secure templates and more World of Warcraft insiders share their techniques for writing addons for both the latest version of WoW as well as the new Wrath of the Lich King expansion set Guides you through the specific nuances of the WoW API with the use of detailed examples Discusses ways to distribute and host your WoW addons so others can download and use them Explains how to respond to events create frames and use the WoW API to interact with the game You ll be well on your way to creating exciting WoW addons with this comprehensive reference by your side Note CD ROM DVD and other supplementary materials are not included as part of eBook file [Online Worlds: Convergence of the Real and the Virtual](#) William Sims

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worlds has been growing for at least a dozen years only today it is possible to bring together an international team of highly accomplished authors to examine them with both care and excitement employing a range of theories and methodologies to discover the principles that are making virtual worlds increasingly popular and may in future establish them as a major sector of human centered computing

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