

# **The Librarian's Introduction to Programming Languages**

**A LITA Guide**

Edited by Beth Thomsett-Scott

ROWMAN & LITTLEFIELD  
*Lanham • Boulder • New York • London*

# Contents

List of Illustrations	ix
Acknowledgments	xiii
Preface	xv
<b>1</b> Introduction <i>Dean Walton</i>	1
<b>2</b> Python <i>Charles Ed Hill and Heidi Frank, with Mark Pernotto</i>	11
<b>3</b> Ruby <i>Ashley Blewer and Jessica Rudder</i>	27
<b>4</b> JavaScript <i>Jason Bengtson and Eric Phetteplace</i>	41
<b>5</b> Perl <i>Roy Zimmer</i>	61
<b>6</b> PHP <i>Jason Steelman</i>	79
<b>7</b> SQL <i>Emily R. Mitchell and Lauren Magnuson</i>	99
<b>8</b> C <i>Tim Ribaric</i>	115

<b>9</b>	<b>C#</b>	<b>135</b>
	<i>Peter Tyrrell</i>	
<b>10</b>	<b>Java</b>	<b>155</b>
	<i>Amanda Cowell</i>	
	Glossary, by <i>Eric Phetteplace, Amanda Cowell,</i> <i>and Beth Thomsett-Scott</i>	<b>167</b>
	Additional Resources	<b>171</b>
	Index	<b>177</b>
	About the Editor and Contributors	<b>181</b>