



Michael McTear, Zoraida Callejas, David Griol

The Conversational Interface

Talking to Smart Devices

- Presents a comprehensive overview of the various technologies that underlie conversational user interfaces
- Combines descriptions of the technologies with a guide to various toolkits and software that enable readers to implement and test their own solutions
- Provides a series of worked examples so readers can develop and implement different aspects of the technologies

This book provides a comprehensive introduction to the conversational interface, which is becoming the main mode of interaction with virtual personal assistants, smart devices, various types of wearable, and social robots. The book consists of four parts. Part I presents the background to conversational interfaces, examining past and present work on spoken language interaction with computers. Part II covers the various technologies that are required to build a conversational interface along with practical chapters and exercises using open source tools. Part III looks at interactions with smart devices, wearables, and robots, and discusses the role of emotion and personality in the conversational interface. Part IV examines methods for evaluating conversational interfaces and discusses future directions.

1st ed. 2016, XXII, 422 p. 76 illus., 29 illus. in color.

Printed book

Hardcover

159,99 € | £139.99 | \$199.99

[1]171,19 € (D) | 175,99 € (A) | CHF 189,00

Softcover

114,99 € | £99.99 | \$139.99

[1]123,04 € (D) | 126,49 € (A) | CHF 136,00

eBook

96,29 € | £79.50 | \$109.00

[2]96,29 € (D) | 96,29 € (A) | CHF 108,50

Available from your library or springer.com/shop

MyCopy [3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

