

The New Digital Natives

Alexiei Dingli · Dylan Seychell

The New Digital Natives

Cutting the Chord

 Springer

Alexiei Dingli
University of Malta
Malta

Dylan Seychell
St. Martin's Institute of Higher Education
Malta

ISBN 978-3-662-46589-9 ISBN 978-3-662-46590-5 (eBook)
DOI 10.1007/978-3-662-46590-5

Library of Congress Control Number: 2015934215

Springer Heidelberg New York Dordrecht London

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(www.springer.com)

To God, the ultimate Coder, who created the world without using Minecraft.

To my parents, my wife Anna Maria and to our three digital natives; Ben, Jake and our latest download baby Faye.

Alexiei Dingli

To Christine, for being there in all my unconventional endeavours such as this book!

And to all digital natives of the past, the present ones and those of the future who are the ultimate agents of change!

Dylan Seychell

Acknowledgements

This long venture of exploration in such a new and ever-changing domain did not just require the sole dedication of the authors. We are thankful towards a number of people who made all this possible. A special thanks goes first of all to all of our colleagues at the University of Malta and St Martins Institute of Higher Education, particularly Vanessa Camilleri and Matthew Montebello for sharing their knowledge and experience in this area. We would like to thank Matthew Camilleri and Rachel Vella for going through our various drafts of this book to make sure that it is ultimately readable and coherent.

Furthermore, we are particularly thankful to all those who participated in requirements gathering exercises and focus groups that made the context more realistic. We would like to namely thank Christopher Bartolo, Jennifer Camilleri, Spandana Gella, Renzo Schembri, Marina Valeeva, Luke Zammit and Melanie Zammit. We naturally like to express our gratitude to all those who participated in the extensive survey that was carried out and to the others who shared their point of views on different topics discussed in this book.

Personal thanks must go to our better halves, Anna Maria and Christine for their continuous support in our academic ventures; particularly for enduring our research and writing sessions in the past years.

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About the Authors

Mr Dylan Seychell is lecturer and the Head of the Department of Computer Information Systems at the St. Martin's Institute of High Education, a University of London Affiliate Centre. He is also a visiting lecturer at the University of Malta in the Faculty of Media and Knowledge Sciences. He teaches topics in Mobile Technology and Interaction Design of various levels. Mr Seychell is a co-author of various international peer-reviewed publications and a book chapter. After graduating with honours in IT from the University of Malta, he completed a Master of Science degree in the field of Intelligent Computer Systems in Mobile Technology and is currently reading for a PhD in Computer and Communication Engineering. Mr Seychell is a co-creator of the award winning project "DINOS for Smart Cities". With this idea, Mr Seychell won two prestigious international awards; European Satellite Navigation Competition 2010 - First Place in Media and CeBIT 2011 Gold Seal of e-Excellence. He also worked in various software houses and with large scale telecommunication companies.

Professor Alexiei Dingli is a Lecturer of Artificial Intelligence within the Faculty of ICT at the University of Malta. He is also one of the founder members of the ACM student chapter in Malta, of the Web Science Research group and of the Gaming group at the same University. He pursued his Ph.D. on the Semantic Web at the University of Sheffield in the UK under the supervision of Professor Yorick Wilks. While there, he worked on various large projects but his major contribution can be attributed to the Advanced Knowledge Technologies project, one of the largest Interdisciplinary Research Collaborations (IRC) funded by the Engineering and Physics Research Council (EPSRC). For this projects he created two systems which were rated World Class by a panel of international experts whose chair was Professor James Handler (one of the creators of the Semantic Web). These systems were later used as a core component of the application that won the first Semantic Web challenge (2003). His recent work in Mobile Technology & Smart Cities (2011) was also awarded a first price by the European Space Agency and the CeBIT 2011 Gold Seal of e-Excellence. He has published several posters, papers, book

chapters and a book in the area. For four years, he also worked as a Senior Manager in a large government corporation where he got insight into the needs, potential and deficiencies of digital natives. During this time, he also pursued an MBA with the Grenoble Business School in France specialising on Technology Management. Professor Dingli is also the Mayor of Valletta since 2008. Valletta is the Capital City of Malta which will host the Presidency of the EU in 2017 and the European Capital of Culture in 2018.

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Acronyms

2DNs	Second Generation Digital Natives
AAL	Ambient Assisted Living
ACTA	Anti Counterfeiting Trade Agreement
BYOD	Bring Your Own Device
CISPA	Cyber Intelligence Sharing and Protection Act
COICA	Combating Online Infringement and Counterfeits Act
COPD	Chronic Obstructive Pulmonary Disease
DDoS	Distributed Denial-of-Service
DN	Digital Native
EC3	European Cybercrime Centre
ESC	European Society of Cardiology
GPS	Global Positioning System
HCI	Human Computer Interaction
HDTV	High-definition Television
IP	Internet Protocol
ISPs	Internet Service Providers
IT	Information Technology
M2M	Machine to Machine communication
MMORPG	Massively Multiplayer Online Role Playing Game
MOOCS	Massive Open Online Course
NFC	Near Field Communications
NSA	National Security Agency
OS	Operating System
PC	Personal Computer
PIPA	Protect IP Act
RDSR	Relative Direction based Sensor Routing
RFID	Radio Frequency IDentification
RTS	Real-Time Strategy
SDK	Software Developers Kit
SL	Second Life
SOPA	Stop Online Piracy Act

TBS	Turn-Based Strategy
UCD	User Centered Design
VOIP	Voice Over IP
VR	Virtual Reality
WWW	World Wide Web