This book describes the most recent advances in Semantic Web and results of a collaborative effort towards the development of a comprehensive manuscript that exposes the major issues related to this new area of research. I wish to express my gratitude to everyone who contributed to making this book a reality. This project is the accumulation of months of work by many dedicated researchers. Some of the most well-known researcher in the world have dedicated their precious time to share their experience and knowledge with you. It would not have been possible for me to produce this work without their help.