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Section 1
Fundamental Concepts and Theories

This section begins the discussion with information on copyright and licensing concerns, as well as some of the various uses of Open Source Technology. Open source is a fast-growing field, and like any new technology, ethics and law must catch up to the opportunities afforded by this innovation. Some of the intrinsic topics covered by this section include copyright, authorship, and intellectual property, along with the integration of digital repositories in research and education settings. In the opening 11 chapters of this extensive reference source, readers will obtain a clear understanding of the fundamental concepts and theories integral to the field of Open Source Technology.

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This section builds on the concepts introduced in Section 1 to explore in greater depth the primary functions and uses of Open Source Technology. There are many uses of open source systems already in daily operation, and many more applications and innovations of this technology are waiting to be discovered. Some fields making use of free or open systems include healthcare, government, library science, and education, to name a few. The 15 chapters in this section provide an in-depth examination of the utilization and application of the fundamental principles of Open Source Technology.

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Anna Osello, Politecnico di Torino, Italy
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Giulia Sonetti, Politecnico di Torino, Italy & Università di Torino, Italy
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This section considers how the changing nature of business and society brought about by Open Source Technology affects leaders at all levels and industries. Adaptation is as true a paradigm in business as it is in government and law, and all three fields must learn the opportunities and pitfalls brought to light by new advancements to this fast-evolving technology. In particular, recent advances in project management, business intelligence, and academic libraries all owe their development to open source tools. This section’s 10 chapters examine the managerial impact of key topics in the field of Open Source Technology.

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