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Technical Innovation, solving the Data Spaces and Marketplaces Interoperability Problems for the Global Data-Driven Economy

i3-MARKET Series - Part III: The i3-MARKET FOSS Handbook

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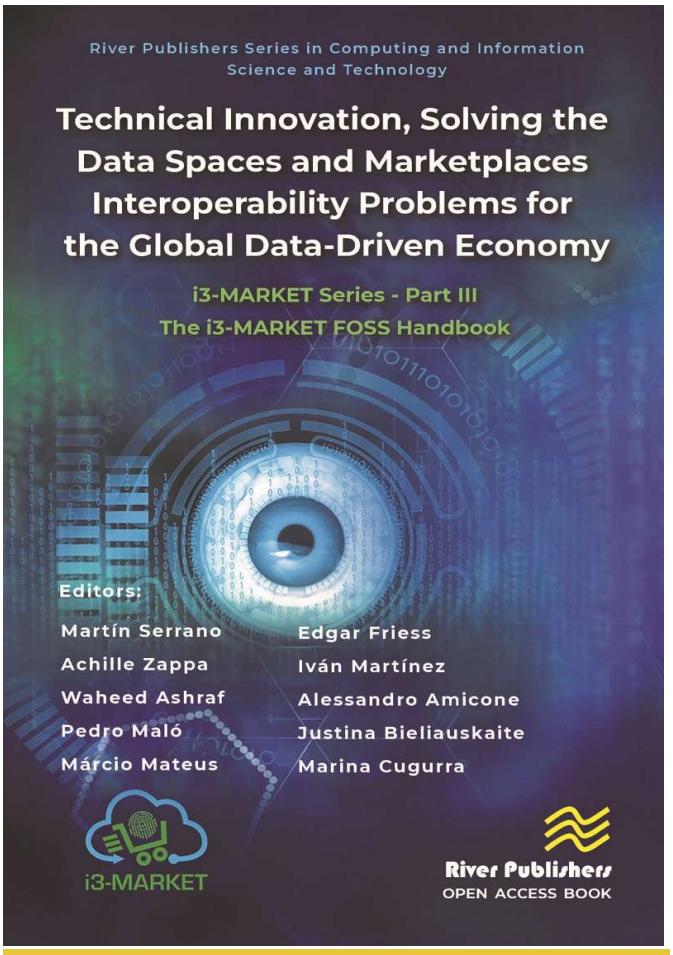
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In the third i3-MARKET series book we focus on the best practices and simplest software methods and mechanisms that allow the i3-MARKET backplane reference implementation to be instantiated, tested and validated even before the technical expert and developer communities decide to integrate the i3-MARKET as a reference implementation or adopted open-source software tools. In this book the purpose of offering a clear understanding of the technological components but also the software infrastructures, and the steps to be followed to avoid overwhelming the deployment activity.

i3-MARKET has three industrial pilots defined in terms of data resources used to deploy data-driven applications that use the most of the i3-MARKET backplane services and functionalities. The different software technologies developed, including the use of open-source frameworks, within the context of the i3-MARKET is considered as a bill of software artefacts of the resources needed to perform demonstrators, proof of concepts, and prototype solutions. The i3-MARKET handbook can be used as input for configurators and developers to set up and pre-test testbeds and therefore it is extremely valuable to organizations if used properly.



River Publishers Series in open

ISBN: 9788770041737
e-ISBN: 9788770041720
Available From: June 2024
Price: € 104.50 $ 126.50

KEYWORDS:
Data Marketplace, Digital Markets, Big Data and Cybersecurity

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