

River Publishers Series in open

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

Editors:
Martín Serrano, Insight SFI Research Centre for Data Analytics, Ireland
Achille Zappa, Insight SFI Research Centre for Data Analytics, Ireland
Waheed Ashraf, Insight SFI Research Centre for Data Analytics, Ireland
Edgar Fries, Siemens AG, Germany
Iván Martínez, Atos, Spain
Alessandro Amicone, GFT, Italy
Pedro Maló, NOVA, Portugal
Márcio Mateus, Unparalell Ltd, Portugal

Description:

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.

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

Denmark Head Office
Alsbjergvej 10
9260 Gistrup
Denmark
www.riverpublishers.com
Email: info@riverpublishers.com

USA Office
Indianapolis, IN
USA
Tel.: +1-3176899634
Email: rajeev.prasad@riverpublishers.com

UK Office
River Publishers
Email: philippa.jefferies@riverpublishers.com