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i3-MARKET Overview

The i3-MARKET project (i3-market.eu) solutions address the growing demand for a single European Data Market and Data Economy.

i3-MARKET addresses the data economy challenge by innovating marketplace platforms, demonstrating with industrial implementations that the data economy growth is possible. The i3-MARKET solutions aim at providing technologies for trustworthy (secure and reliable), data-driven collaboration and federation of existing and new future marketplace platforms, with special attention on industrial data. The i3-MARKET architecture is designed to enable secure and privacy-preserving data sharing across data spaces and marketplaces, through the deployment of a Backplane across operational data marketplaces.

In i3-MARKET, we are not trying to create another new Marketplace, but we are implementing the Backplane solutions that allow other data marketplaces and data spaces to expand their market, facilitate the registration and discovery of data assets, facilitate the trading and sharing of data assets among providers, consumers, and owners, and provide tools to add functionalities they lack for better data sharing and trading processes.

The i3-MARKET project has built a blueprint open-source software architecture called "i3-MARKET Backplane" (www.open-source.i3-MARKET.eu) that addresses the growing demand for connecting multiple data spaces and marketplaces in a secure and federated manner.

The i3-MARKET Consortium is contributing with the developed software tools to build the European Data Market Economy by innovating marketplace platforms, and demonstrating with three industrial reference implementations (pilots) that a decentralized data economy and more fair growth is possible.

1.1 Context

A software deployment guide is a document that outlines the process and best practices for deploying software to a production environment. It is

an essential resource for developers, system administrators, and operations teams who are responsible for deploying software in a reliable and efficient manner.

Overall, a well-written software deployment guide is an invaluable resource for ensuring that software is deployed in a reliable and efficient manner. By following best practices and established procedures, organizations can minimize the risk of downtime and ensure that their software is delivering the intended benefits to end-users.