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   Nota di contenuto   The Ecosystem of openKONSEQUENZ, a User-Led Open Source Foundation -- The development of data collectors in open-source system for energy efficiency assessment -- Challenges of Tracking and Documenting Open Source Dependencies in Products: A Case Study -- An Empirical Investigation of Sentiment Analysis of the Bug Tracking process in Libre Office Open Source Software -- Emotional Contagion in Open Software Collaborations -- An Open Source Solution for Smart Contract-based Parking -- Using open source libraries in the development of control systems based on machine vision -- An Empirical Analysis of the Maintainability Evolution of Open Source

	Systems -- Development of Cloud-based Microservices to Decision Support System -- Using of Open-source Technologies for the Design and Development of a Speech Processing System Based on Stemming Methods -- Combining Two Modelling Approaches: GQM and KAOS in an Open Source Project -- An XQuery Specification for Requests with Preferences on XML Databases -- The Strategic Technical Debt ManagementModel: an Empirical Proposal -- How the Cathedral Embraced the Bazaar, and the Bazaar Became a Cathedral -- An open source environment for an agile development model -- InnoMetrics Dashboard: The design, and implementation of the Adaptable Dashboard for Energy-Efficient Applications using Open Source tools -- Using FLOSS for storing, processing and linking corpus data -- MegaM@Rt2 EU Project: Open Source Tools for Mega-Modelling at Runtime of CPSs -- .NET Runtime and Tools for Tizen Operating System -- Energy e cient software development process evaluation for MacOS Devices.
Sommario/riassunto	This book constitutes the refereed proceedings of the 16th IFIP WG 2.13 International Conference on Open Source Systems, OSS 2020, held in Innopolis, Russia, in May 2020.* The 12 revised full papers and 8 short papers presented were carefully reviewed and selected from 42 submissions. The papers cover a wide range of topics in the field of free/libre open source software (FLOSS) and discuss theories, practices, experiences, and tools on development and applications of OSS systems, with a specific focus on two aspects:(a) the development of open source systems and the underlying technical, social, and economic issue, (b) the adoption of OSS solutions and the implications of such adoption both in the public and in the private sector. *Due to the COVID-19 pandemic, the conference was held virtually.