

1. Record Nr.	UNINA9910523770303321
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Titolo	API marketplace engineering : design, build, and run a platform for external developers // Rennay Dorasamy
Pubbl/distr/stampa	New York, New York : , : Apress Media LLC, , [2022] ©2022
ISBN	1-4842-7313-3
Descrizione fisica	1 online resource (281 pages)
Disciplina	005.3
Soggetti	Application program interfaces (Computer software)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. API Engineering -- 2. Regulation -- 3. Consumption -- 4. Monetization -- 5. Platform Architecture -- 6. Security -- 7. API Design -- 8. API Development -- 9. Sandbox -- 10. API Operations -- 11. Conclusion.
Sommario/riassunto	This is your hands-on guide to designing, building, and operating an API Marketplace to allow your organization to expose internal services and customer data securely for use by external developers. The book shows the mutual nature of a relationship in which organizations benefit from revenue and the reach of a new digital channel and third-party developers benefit from leveraging APIs to build unique applications. Providing open access is a regulatory requirement in some sectors, such as financial services, and this book helps you to build a platform to comply with regulatory requirements while at the same time encouraging and supporting use by external development teams. The book provides the blueprints for assembling teams and systems to build and support an API ecosystem. It offers insight into how the Marketplace can be constructed in a way to allow agility and flexibility to meet aggressive startup developer timelines while balancing established enterprise requirements of stability, reliability, and governance. The goal of this book is to provide engineering teams with a view of the operational requirements and how to meet and exceed these by establishing foundational elements at design time. An API Marketplace presents a unique challenge as organizations have to share

internal capability and customer data with external developers. Security practices and industry standards are contrasted and discussed in this book. Practical approaches are provided to build and support a third-party developer ecosystem, manage sandbox environments hosting APIs of varying complexities, and cover monetization strategies that are yielding positive results to achieve self-sustainability. What You Will Learn Understand the motivation and objectives for an API economy Build key technical components of an API platform Comply with regulatory requirements such as Open Banking Secure APIs and customer data from external attack Deliver APIs quickly while satisfying governance requirements Get insight into a real-world API Marketplace implementation Who This Book Is For Solution architects, API product owners, delivery and development leads, and developers; anyone developing APIs for consumption by external business partners; API developers who want more insight into regulatory compliance.

2. Record Nr. UNIPARTHENOPE000038359

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Titolo Danno meramente patrimoniale / Marcello Maggiolo

Lingua di pubblicazione Italiano

Formato Materiale a stampa

Livello bibliografico Monografia
