

1. Record Nr.	UNINA9910574091603321
Autore	Nelson Thomas
Titolo	Introducing Microsoft Orleans : implementing cloud-native services with a virtual actor framework // Thomas Nelson
Pubbl/distr/stampa	New York, New York : , : Apress L. P., , [2022] ©2022
ISBN	1-4842-8014-8
Descrizione fisica	1 online resource (206 p.) : illustrations
Disciplina	005.2762
Soggetti	Application software - Development Computer programming Cloud computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: A Primer on Microsoft Orleans and the Actor Model Chapter 2: Introducing Microsoft Orleans Chapter 3: Lifecycles Chapter 4: Enhancing Current Designs Chapter 5: Starting Development Chapter 6: Timers and Reminders Chapter 7: Unit Tests Chapter 8: Orleans' Dashboard Chapter 9: Deployment Chapter 10: Conclusion
Sommario/riassunto	Welcome to Orleans, a virtual actor framework from Microsoft that allows a single developer to create immensely scalable, available applications while maintaining a high throughput. This guide is designed to give you a foundational understanding of Orleans, an overview of its implementations, and plenty of hands-on coding experience. Side-by-side monolithic and microservice patterns alongside Orleans' framework features are also discussed, to help readers without an actor model background understand how they can enhance applications.