

1. Record Nr.	UNINA9910455662803321
Autore	Kung H. T
Titolo	Traffic management for high-speed networks [[electronic resource] /] / by H.T. Kung
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1997
ISBN	1-280-19138-4 9780585084734 9786610191383 0-309-59073-6 0-585-08473-4
Descrizione fisica	1 online resource (30 p.)
Collana	International science lecture series ; ; 4th lecture
Disciplina	004.6/6
Soggetti	Data transmission systems Telecommunication - Traffic - Management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Organized by the National Research Council, the Office of Naval Research, and the Air Force Office of Scientific Research"--Cover.
Nota di bibliografia	Includes bibliographical references (p. 21-22).

2. Record Nr.	UNINA9910637739503321
Autore	Martin Philippe
Titolo	Kubernetes Programming with Go : Programming Kubernetes Clients and Operators Using Go and the Kubernetes API / / by Philippe Martin
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2023
ISBN	9781484290262 1484290267
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (326 pages)
Disciplina	005.3
Soggetti	Open source software Programming languages (Electronic computers) Open Source Programming Language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Kubernetes API Introduction -- Chapter 2: Kubernetes API Operations. -- Chapter 3: Working with API Resources in Go -- Chapter 4: Using Common types -- Chapter 5: The API Machinery.-Chapter 6: The Client-go library -- Chapter 7: Testing Applications using Client-Go.-Chapter 8 Extending Kubernetes API with Custom Resources Definitions -- Chapter 9: Working with Custom Resource -- Chapter 10: Writing Operators with the controller-runtime Library -- Chapter 11: Writing the Reconcile Loop -- Chapter 12:Testing the Reconcile Loop -- Chapter 13: Creating an Operator with Kubebuilder.
Sommario/riassunto	This book begins by introducing the structure of the Kubernetes API and which operations it serves. Following chapters demonstrate how to write native Kubernetes resources definitions using Go structures defined in the API and API Machinery libraries. Miscellaneous utilities are described to help you work with different resource fields and to convert your resource definitions to or from YAML or JSON. Next, you will learn how to interact with the Kubernetes API server to create, delete, update, and monitor resources in a cluster using the client-go library. A complete chapter is devoted to tools provided to test your programs using the client-go library. Next, you will learn how to

extend the Kubernetes API using Custom Resource Definitions, and how to write Kubernetes resources in a generic way as well as how to create your own resources using the unstructured concept. The next chapters delve into the controller-runtime library, useful for extending Kubernetes by writing operators, and the kubebuilder framework, which leverages this library, to help you start writing operators in minutes. After reading this book, you will have a deep understanding of the Kubernetes API's structure and how Kubernetes resources are organized within it, and have at your disposal a complete toolbox to help you write Kubernetes clients and operators. You will: Understand how the Kubernetes API and its resources are organized Write Kubernetes resources in Go Create resources in a cluster Leverage your newly-gained knowledge to write Kubernetes clients and operators.

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