

1. Record Nr.	UNINA9910790830803321
Autore	Rege Gautam
Titolo	Learning mongoid : build scalable, efficient rails web applications with mongoid / / Gautam Rege ; cover image by Aniket Sawant
Pubbl/distr/stampa	Bermingham, England : , : Packt Publishing, , 2013 ©2013
ISBN	1-78216-751-X
Descrizione fisica	1 online resource (140 p.)
Collana	Community experience distilled
Altri autori (Persone)	SawantAniket
Disciplina	005.276
Soggetti	Web site development Web applications - Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1:What's so Awesome about Mongoid?; A practical approach using the Sodibee library system; Checking prerequisites; Ruby version; MongoDB version; Setting up Sodibee; Creating models; Testing the models; Introducing Moped; Dynamic attributes; Introducing Origin; Notice about Mongoid 2.x; Mongoid and MongoMapper; Summary; Chapter 2:Mongoid Document Model; The Mongoid document; Basic attributes; Arrays and hashes; Date and time attributes; Serialization with Mongoize Field aliasesEmbedded documents; Localization; Mass assignment and security; Summary; Chapter 3:Persisting Documents; MongoDB persistence strategy; Binary JSON (BSON); Memory maps, delayed sync, and journals; Creating documents; Updating documents and attributes; Database locks and transactions; Applications and lock versioning; The MongoDB findAndModify method; Atomic attribute updates; Dynamic attributes; Nested attributes; Validations; Callbacks; Summary; Chapter 4:Mongoid Relations; Configuring relationships; Common options for all relations; :class_name; :inverse_of Relation-specific optionshas_one - the one-to-one relation; :as; :autosave; :autobuild; :dependent; :primary_key; :foreign_key; :validate; has_many - the many-to-one relation; :order; :before_add, :after_add, :before_remove, and :after_remove; The belongs_to relation; :index; :

polymorphic; :touch; :counter_cache; has_and_belongs_to_many - the many-to-many relation; :inverse_of; Polymorphic relations; embeds_many - embedding many documents; :cascade_callbacks; :store_as; :cyclic; embeds_one - embed one document; embedded_in - resolving children; Embedded polymorphic relations; Summary
Chapter 5:Mongoid QueriesOrigins of Origin; Query selectors; Overloading the Symbol class; Mongoid criteria; Queries on arrays and hashes; Scopes; Atomic modifiers; find_and_modify; Querying with indexed fields; Covered queries; The aggregation framework; Geolocation queries; Summary; Chapter 6:Performance Tuning; MongoDB environment; Indexes; Write concern; Compound index; Multikey index; Hashed index; Text index; IdentityMap; n+1 query problem and eager loading; MapReduce and the aggregation framework; Using the aggregation framework; Choosing between MapReduce and the aggregation framework
Monitoring query performanceProfiling MongoDB; Statistical data; Hint and currentOp; Good practices and recommendations; Summary;
Chapter 7:Mongoid Modules; Timestamping; Versioning; Paranoia; Acts as state machine (aasm); carrierwave; mongoid-audit; devise; Summary;
Index

Sommario/riassunto

A step-by-step tutorial with focused examples that will help you build scalable, high performance Rails web applications with Mongoid.If you are an application developer who wants to learn how to use Mongoid in a Rails application, this book will be great for you. You are expected to be familiar with MongoDB and Ruby.
