

MONGODB ON RAILS

T I P S A N D T R I C K S
F O R F U N A N D P R O F I T

WHOAMI

- ✻ Tristan Gomez (parasquid)
- ✻ I co-founded UXMalaysia, help organize KLMUG with Mark Smalley, pioneered WebCampKL
- ✻ I'm helping Gem start the local MongoDB user group (ManilaMUG)

WHAT DO I DO

- ✻ Works at Mindvalley (www.mindvalley.com)
- ✻ System Administrator, Web Designer, Back-end Developer, Front-end Developer
- ✻ Primarily Ruby and Rails
- ✻ Some gems: embedify, namecheap

NOSQL IN GENERAL

- ✻ Different way of thinking about a database
- ✻ Relational: predictable, structured data
- ✻ Non-relational: key-value, document, BigTable, graph
- ✻ Foregoes some ACID compliance

WHY NoSQL

✻ Use the best tool for the job

✻ Reputation of “fast” -- it depends

✻ Buffet vs Menu analogy

WHAT IS MONGODB

- ✱ Document store (store anything related to a document)
- ✱ Uses BSON (binary JSON)
- ✱ JSON-like MongoDB Interface (<http://docs.mongodb.org/manual/reference/#mongodb-interface>)

WHY MONGODB

- ✱ Operational Intelligence (log data, pre-aggregated reports)
- ✱ Product Data Management (catalogs, inventory)
- ✱ Content Management Systems (<http://docs.mongodb.org/manual/tutorial/write-a-tumblelog-application-with-django-mongodb-engine/>)

INTRODUCTION TO MONGOID

✱ `gem install mongoid`

✱ Has an ActiveRecord-compatible interface, so it behaves just like a normal ActiveRecord model

USING MONGODB

CAVEATS

PARASQUID
STACKOVERFLOW
FACEBOOK
TWITTER
GITHUB
IRC