

# Core Data Fundamentals

Creating a Model

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**pluralsight**   
hardcore developer training

# Creating a Model

Entities

Attributes

Relationships

Model Designer

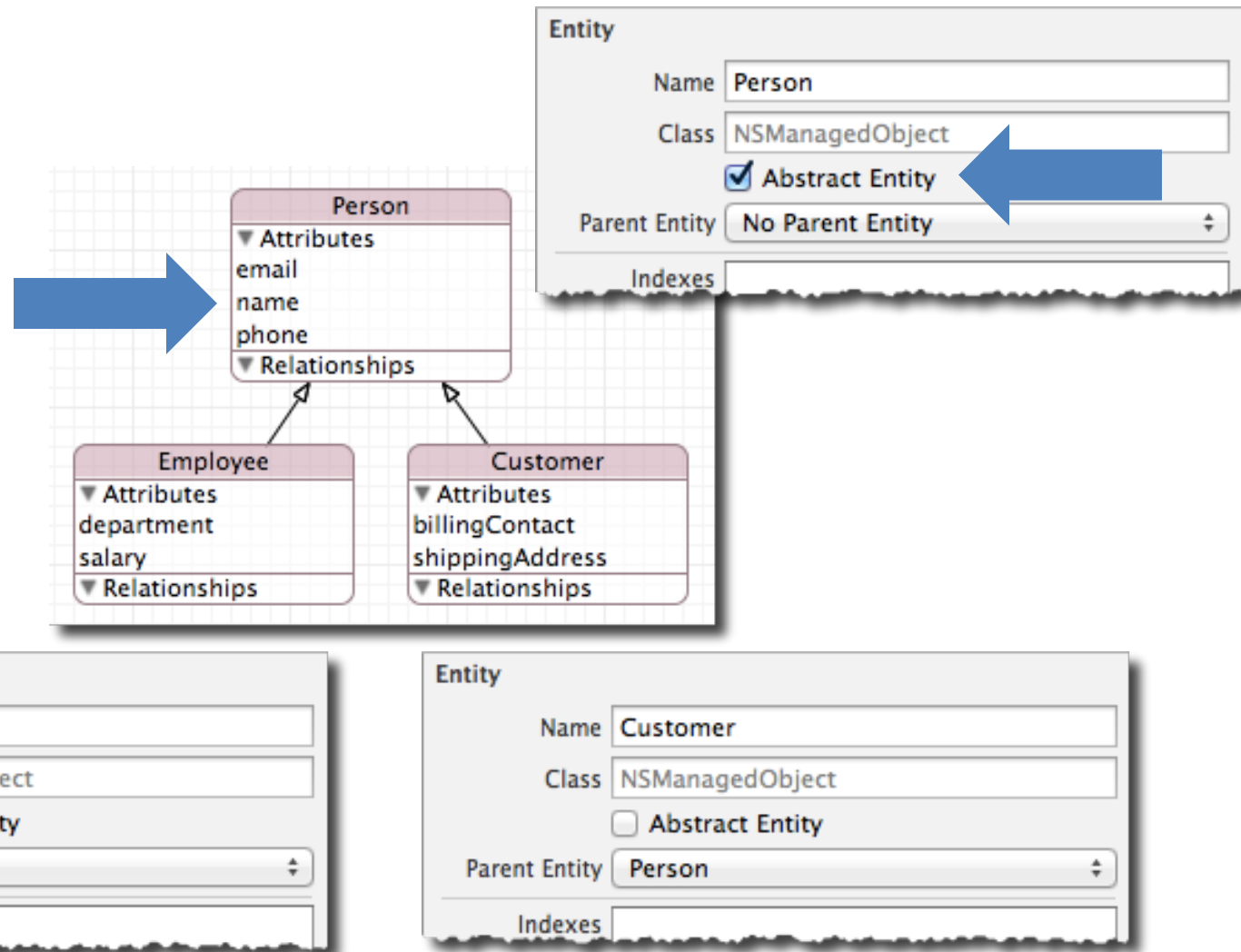
# Entities

RetailStore

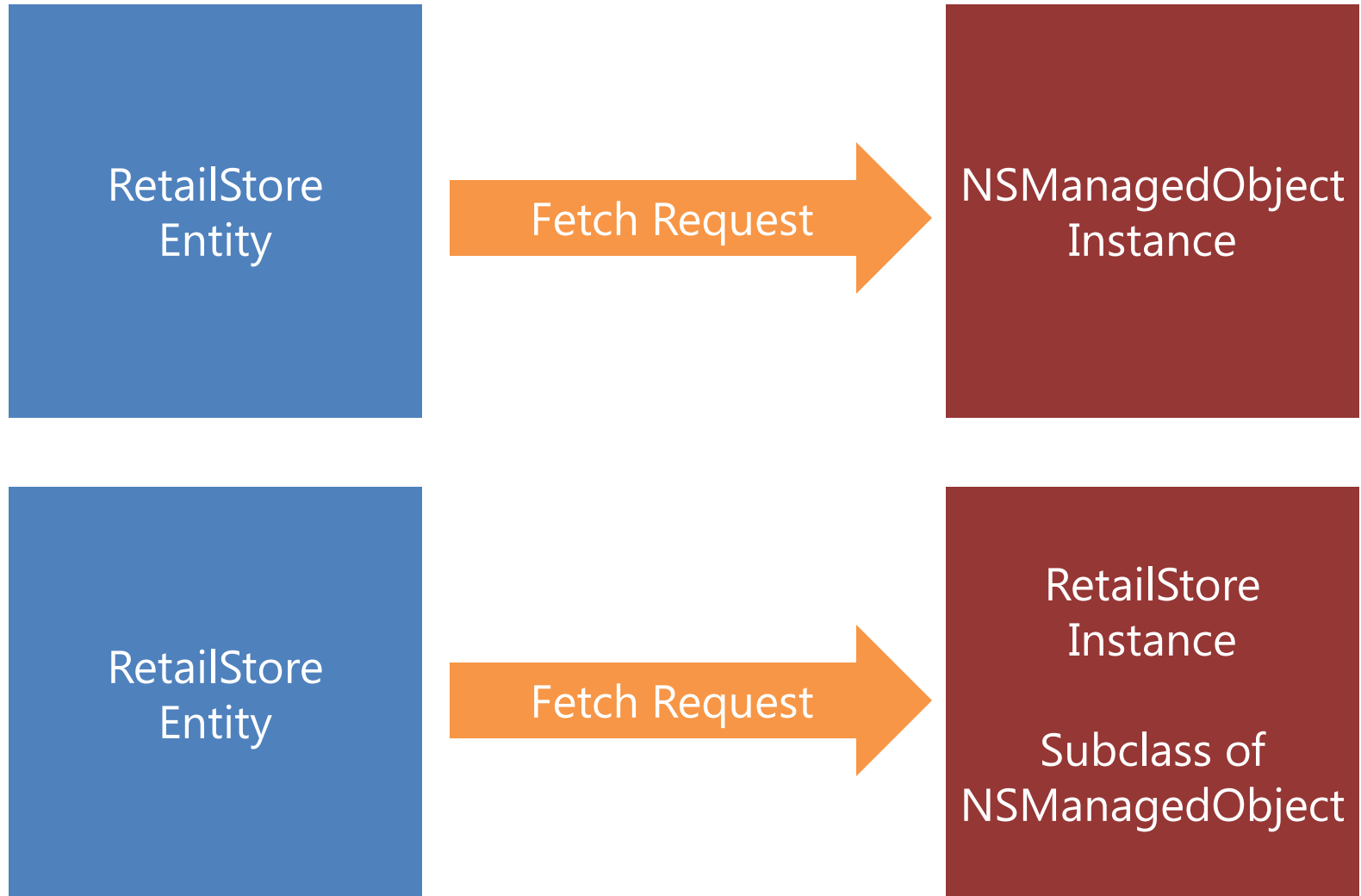
ItemCategory

Perso RareItem hodule

# Entity Inheritance



# Entities in Code



# Attributes

RareItem
▼ Attributes
cost
createdDate
itemDesc
itemName
lastPurchased
notes

Attribute

Name: Undefined

Properties: Integer 16, Integer 32, Integer 64

Attribute Type: **Decimal**

Validation: Double, Float, String, Boolean, Date, Binary Data, Transformable

User Info

Key: Value

Attribute

Name: cost

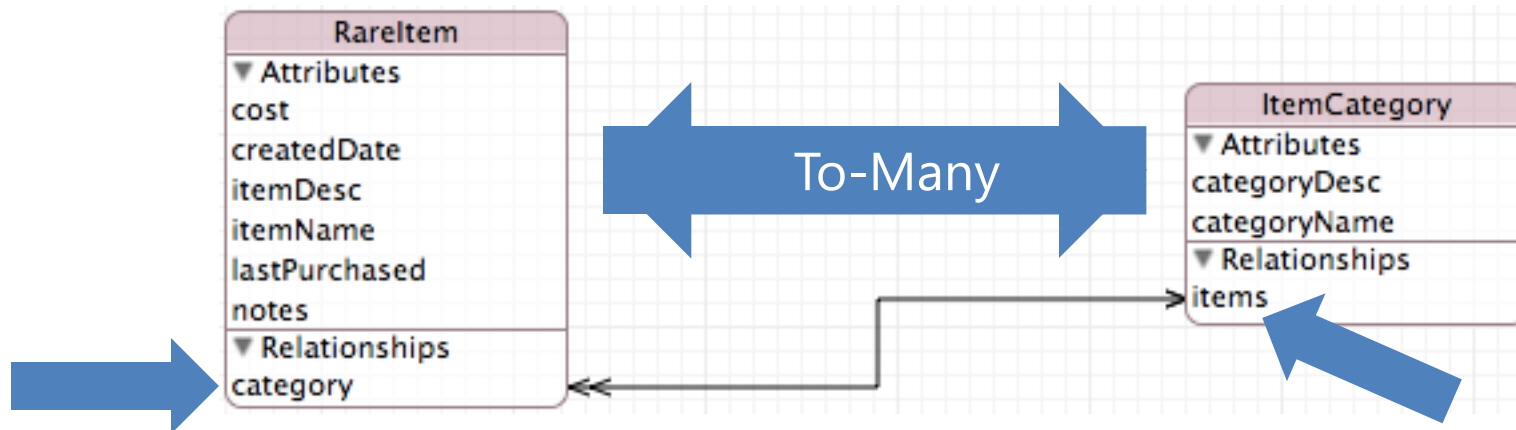
Properties: ☐ Transient, ☐ Indexed, ☐ Optional

Attribute Type: Decimal

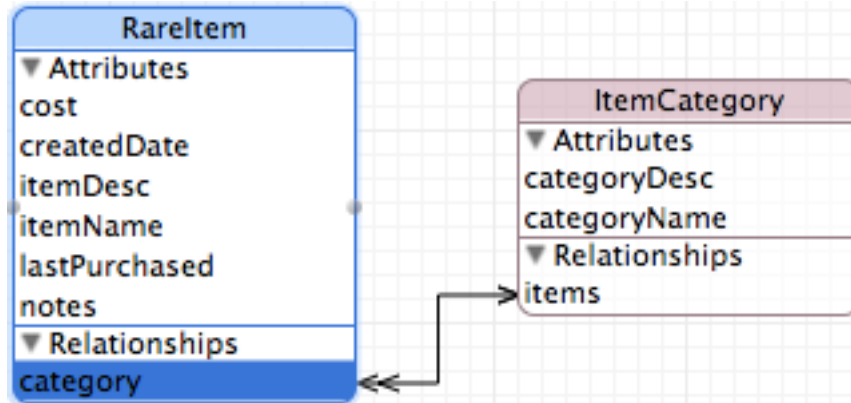
Validation: ☐ Minimum, ☒ Maximum, ☒ Default

Advanced: ☐ Index in Spotlight, ☐ Store in External Record File

# Relationships



# Relationship Options



Relationship

Name

Properties ☐ Transient ☒ Optional

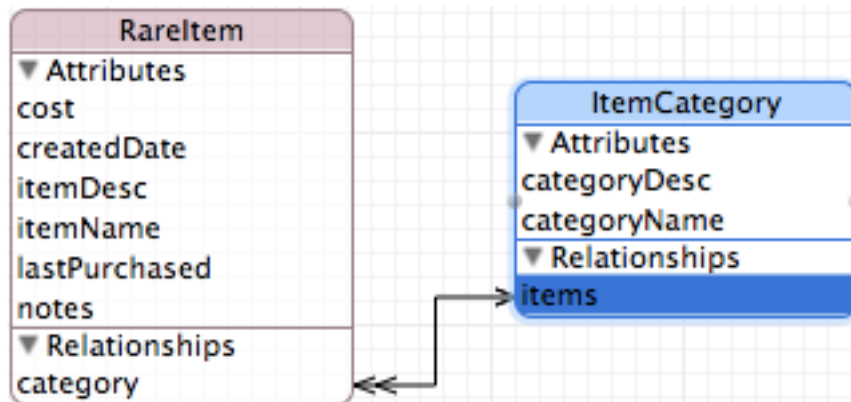
Destination

Inverse

Delete Rule

Type

Advanced ☐ Index in Spotlight



Relationship

Name

Properties ☐ Transient ☒ Optional

Destination

Inverse

Delete Rule

Type

Arrangement ☐ Ordered

Count  ☐ Minimum

☐ Maximum

Advanced ☐ Index in Spotlight



# Advanced Model Options

Fetch Request Templates

Versioning

User Info Dictionaries

Configurations

# Summary

Entities

Attributes

Relationships

Model Designer