

Synchronizing Offline Data

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pluralsight 
hardcore dev and IT training

Course Overview

Introduction

Working Offline

Create a New Application

Implementing the List Page

Persistence Strategies

Using IndexedDB

Implementing the Edit Page

Synchronizing Offline Data

Implementing the Manifest File

Where to Go Next

Tasks

Tasks

Demo

Tasks

Demo

Discuss the problem of concurrency

Tasks

Demo

Discuss the problem of concurrency

Implement the syncService

Tasks

Demo

Discuss the problem of concurrency

Implement the syncService

Implement the syncController

Tasks

Demo

Discuss the problem of concurrency

Implement the syncService

Implement the syncController

Update the layout markup

Tasks

Demo

Discuss the problem of concurrency

Implement the syncService

Implement the syncController

Update the layout markup

Step through the code

Problem of Concurrency

SERVER

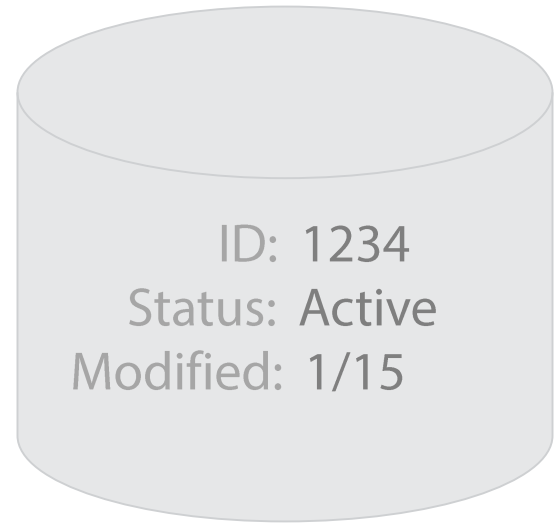
CLIENT



Current Date: 1/15

SERVER

CLIENT



Current Date: 1/15

SERVER

CLIENT

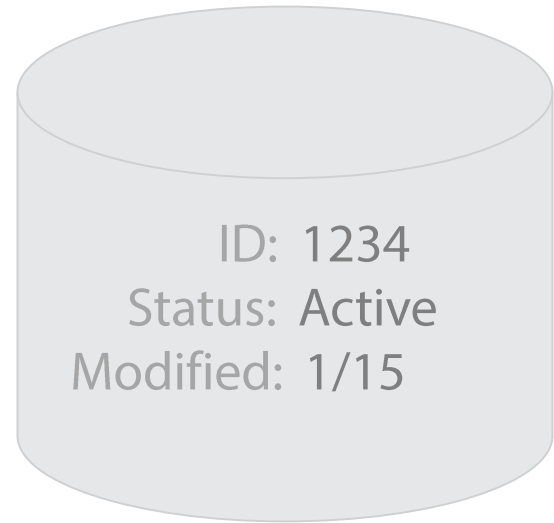


Current Date: 1/16

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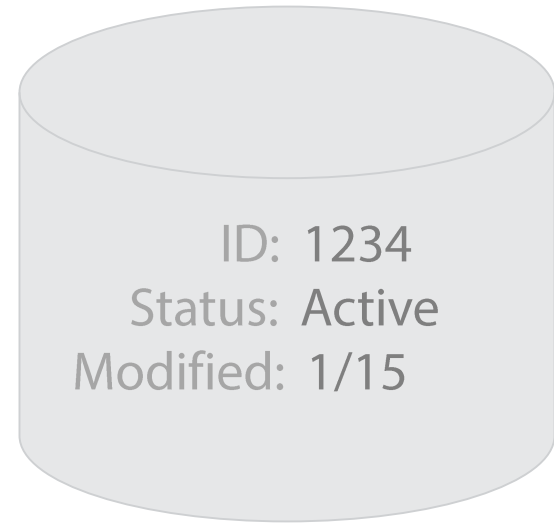
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Current Date: 1/17

SERVER

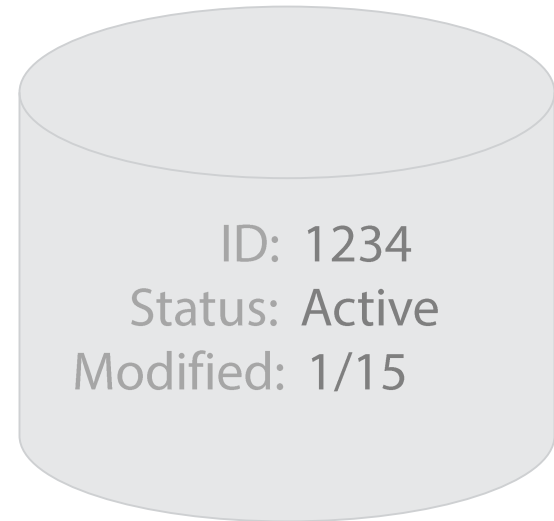
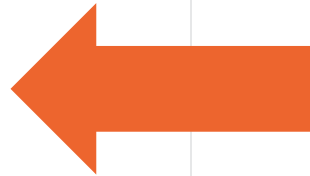
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Current Date: 1/17

SERVER

CLIENT



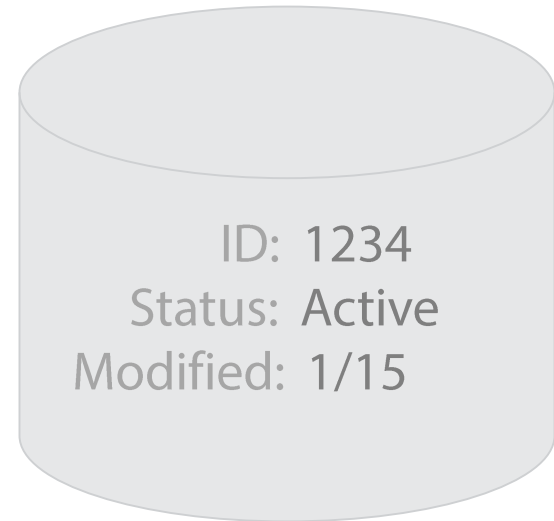
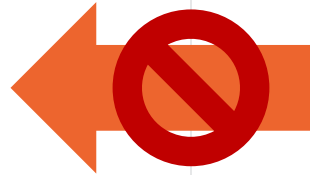
Current Date: 1/17

Concurrency Rule

Latest modified date wins

SERVER

CLIENT



Current Date: 1/17

Problem of Concurrency

Summary



Summary

Synchronizing Offline Data

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Discuss the problem of concurrency

Summary

Synchronizing Offline Data

Discuss the problem of concurrency

Implemented the sync logic

Up Next

Implementing the Manifest File