Pivotal GemFire Developer Lab Outline:

M01 – Introduction and Overview

Watch Clip M01-01 Course Introduction
Complete Lab M01-01 Obtaining Lab files
Watch Clip M01-02 GemFire Overview
Complete Lab M01-02 Installations
Watch Clip M01-03 Configuring Client/Server
Watch Clip M01-04 GFSH Overview
Complete Lab M01-03 GFSH Session

M02 – GemFire Regions

Watch Clip M02-01 Regions Overview
Watch Clip M02-02 Partitioned Regions
Watch Clip M02-03 Replicated Regions
Complete Lab M02-01 Server Regions

M03 – GemFire Client Configurations

Watch Clip M03-01 Client Cache Configuration
Watch Clip M03-02 Client CRUD Operations
Complete Lab M03-01 Client Cache

M04 – Querying

Watch Clip M04-01 Querying Basics
Watch Clip M04-02 Advanced querying (Projections, Joins and Operators)
Watch Clip M04-03 Queries - Part 3 (Partitioned Regions and Indexes)
Complete Lab M04-01 Query Lab
Watch Clip M04-04 Custom Partitioning
Complete Lab M04-02 Custom Partitioning Lab

M05 – Cache Management

Watch Clip M05-01 Cache Management - Expiration
Watch Clip M05-02 Cache Management - Eviction
Watch Clip M05-03 Cache Management - Resource Manager
Complete Lab M05-01 Cache Management Lab

M06 – Server Events

Watch Clip M06-01 Server Events - Overview
Watch Clip M06-02 Server Events - Cache Loader
Watch Clip M06-03 Server Events - Cache Writer
Watch Clip M06-04 Server Events - Cache Listener
Complete Lab M06-01 Server Events Lab
Watch Clip M06-05 Server Events - Asynchronous Event Handler

M07 – Client Events

Watch Clip M07-01 Client Events - Registering Interest
Watch Clip M07-02 Client Events - Cache Listener
Watch Clip M07-03 Client Events - Continuous Queries
Complete Lab M07-01 Client Events Lab

M08 - Serialization

Watch Clip M08-01 Serialization - Overview
Watch Clip M08-02 Serialization - PDX Auto-serialization
Watch Clip M08-03 Serialization - PDX Versioning Demo
Watch Clip M8-04 Serialization - PDX Additional Details
Complete Lab M08-01 Data Serialization Lab

M09 – Transactions

Watch Clip M09-01 Transactions - Overview
Watch Clip M09-02 Transactions - API
Watch Clip M09-03 Transactions - Event Handling
Complete Lab M09-01 Transaction Management

M10 – Function Execution

Watch Clip M10-01 Server Functions - Overview
Watch Clip M10-02 Server Functions - Writing Functions
Watch Clip M10-03 Server Functions - Registration and Execution
Complete Lab M10-01 Server Functions

M11 – Function Execution

Watch Clip M11-01 Function Execution - Overview
Watch Clip M11-02 Function Execution - Patterns
Watch Clip M11-03 Function Execution - Result Collectors
Complete Lab M11-01 Function Execution Lab

M12 – Spring Data GemFire

Watch Clip M12-01 Spring Overview - Configuration
Watch Clip M12-02 Spring Overview - Lifecycle
Watch Clip M12-03 Spring Data GemFire - Overview/Introduction
Watch Clip M12-04 Spring Data GemFire - Repositories and Functions
Complete Lab M12-Spring Data GemFire Lab

M13 – Wrap

Watch Clip M13-01 Completed - What's Next?