# Golang Dasar

06-Multiple-Main-Function

07-Tipe-Data-Number

08-Tipe-Data-Boolean

09-Tipe-Data-String

10-Variable

11-Constant

12-Konversi-Tipe-Data

13-Type-Declarations

14-Operasi-Matematika

15-Operasi-Perbandingan

16-Operasi-Boolean

17-Tipe-Data-Array

18-Tipe-Data-Slice

19-Tipe-Data-Map

20-If

21-Switch

22-For

23-Break-dan-Continue

24-Function

25-Function-Parameter

26-Function-Return-Value

27-Returning-Multiple-Values

28-Named-Return-Values

29-Variadic-Function

30-Function-as-Value

31-Function-as-Parameter

32-Anonymous-Function

33-Recursive-Function

34-Closure

35-Defer-Panic-dan-Recover

36-Komentar

37-Struct

38-Struct-Method

39-Interface

40-Interface-Kosong

41-Nil

42-Type-Assertions

43-Pointer

44-Asterisk-Operator

45-Operator-New

46-Pointer-di-Function

47-Pointer-di-Method

48-Package-dan-Import

49-Access-Modifier

50-Package-Initialization

51-Error

52-Membuat-Custom-Error

53-Materi-Selanjutnya

# Golang Standard Library

01-Pendahuluan

02-Standard-Library

03-Membuat-Project

04-Package-fmt

05-Package-errors

06-Package-os

07-Package-flag

08-Package-strings

09-Package-strconv

10-Package-math

11-Package-container-list

12-Package-container-ring

13-Package-sort

14-Package-time

15-Package-reflect

16-Package-regexp

17-Package-encoding

18-Package-slices

19-Package-path

20-Package-io

21-Package-bufio

22-File-Manipulation

23-Package-Lainnya

24-Materi-Selanjutnya

# Golang Modules

00-Pendahuluan

01-Pengenalan-Go

02-Membuat-Module

03-Menambah-Dependency

04-Upgrade-Module

05-Upgrade-Dependency

06-Major-Upgrade

07-Outro

# Golang Unit Test

00-Pendahuluan

01-Pengenalan-Software-Testing

02-Pengenalan-testing-Package

03-Membuat-Unit-Test

04-Menggagalkan-Test

05-Assertion

06-Skip-Test

07-Before-dan-After-Test

08-Sub-Test

(5:17)

Start

09-Table-Test

(7:54)

Start

10-Mock

(21:47)

Start

11-Benchmark

(3:58)

Start

12-Membuat-Benchmark

(7:56)

Start

13-Sub-Benchmark

(2:33)

Start

14-Table-Benchmark

(3:46)

Start

15-Materi-Selanjutnya

(2:23)

Start

Golang Goroutines

Slide dan Source Code

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00-Pendahuluan

(2:08)

Start

01-Pengenalan-Concurrency-dan-Parallel

(16:08)

Start

02-Pengenalan-Goroutine

(10:05)

Start

03-Membuat-Project

(1:43)

Start

04-Membuat-Goroutine

(8:31)

Start

05-Goroutine-Sangat-Ringan

(5:53)

Start

06-Pengenalan-Channel

(6:17)

Start

07-Membuat-Channel

(10:07)

Start

08-Channel-Sebagai-Parameter

(3:48)

Start

09-Channel-In-dan-Out

(5:08)

Start

10-Buffered-Channel

(8:32)

Start

11-Range-Channel

(5:43)

Start

12-Select-Channel

(6:37)

Start

13-Default-Select

(3:21)

Start

14-Race-Condition

(6:44)

Start

15-sync.Mutex

(5:22)

Start

16-sync.RWMutex

(7:47)

Start

17-Deadlock

(13:45)

Start

18-sync.WaitGroup

(6:56)

Start

19-sync.Once

(4:22)

Start

20-sync.Pool

(8:10)

Start

21-sync.Map

(4:57)

Start

22-sync.Cond

(10:39)

Start

23-Atomic

(4:29)

Start

24-time.Timer

(6:06)

Start

25-time.Ticker

(5:23)

Start

26-GOMAXPROCS

(7:16)

Start

27-Materi-Selanjutnya

(1:42)

Start

Golang Context

Slide dan Source Code

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00-Pendahuluan

(2:04)

Start

01-Pengenalan-Context

(6:49)

Start

02-Membuat-Context

(6:22)

Start

03-Parent-dan-Child-Context

(8:27)

Start

04-Context-With-Value

(11:28)

Start

05-Context-With-Cancel

(17:29)

Start

06-Context-With-Timeout

(7:11)

Start

07-Context-With-Deadline

(4:32)

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08-Materi-Selanjutnya

(1:26)

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Golang Database MySQL

Slide dan Source Code

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00-Pendahuluan

(2:53)

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01-Pengenalan-Package-Database

(4:08)

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02-Menambah-Database-Driver

(7:19)

Start

03-Membuka-Koneksi-ke-Database

(7:58)

Start

04-Database-Pooling

(11:05)

Start

05-Eksekusi-Perintah-SQL

(9:05)

Start

06-Query-SQL

(9:28)

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07-Tipe-Data-Column

(22:25)

Start

08-SQL-Injection

(9:48)

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09-SQL-Dengan-Parameter

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10-Auto-Increment

(6:13)

Start

11-Prepare-Statement

(10:41)

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12-Database-Transaction

(7:22)

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13-Repository-Pattern

(26:56)

Start

14-Materi-Selanjutnya

(1:59)

Start

Golang Embed

Slide dan Source Code

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00-Pengehuluan

(1:59)

Start

01-Pengenalan-Embed-Package

(3:55)

Start

02-Embed-File-ke-String

(5:21)

Start

03-Embed-File-ke-Byte

(4:28)

Start

04-EMbed-Multiple-Files

(5:15)

Start

05-Path-Matcher

(7:21)

Start

06-Hasil-Embed-di-Compile

(8:57)

Start

07-Materi-Selanjutya

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Golang Web

Slide dan Source Code

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01-Pendahuluan

(2:18)

Start

02-Pengenalan-Web

(9:39)

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03-Client-dan-Server

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Start

04-Golang-Web

(6:45)

Start

05-Server

(7:05)

Start

06-Handler

(7:21)

Start

07-ServeMux

(10:45)

Start

08-Request

(4:00)

Start

09-HTTP-Test

(9:05)

Start

10-Query-Parameter

(17:20)

Start

11-Header

(10:23)

Start

12-Form-Post

(10:20)

Start

13-Response-Code

(9:34)

Start

14-Cookie

(19:54)

Start

15-FileServer

(15:16)

Start

16-ServeFile

(8:12)

Start

17-Template

(19:52)

Start

18-Template-Data

(9:27)

Start

19-Template-Action

(25:38)

Start

20-Template-Layout

(10:58)

Start

21-Template-Function

(17:57)

Start

22-Template-Caching

(6:02)

Start

23-XSS-Cross-Site-Scripting

(16:17)

Start

24-Redirect

(8:23)

Start

25-Upload-File

(27:36)

Start

26-Download-File

(8:37)

Start

27-Middleware

(17:17)

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28-Routing-Library

(3:34)

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29-Materi-Selanjutnya

(2:23)

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Golang HTTP Router

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01-Pendahuluan

(1:37)

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02-Pengenalan-HttpRouter

(5:19)

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03-Router

(11:58)

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04-Params

(5:54)

Start

05-Router-Pattern

(8:20)

Start

06-Serve-File

(5:39)

Start

07-Panic-Handler

(4:56)

Start

08-Not-Found-Handler

(2:52)

Start

09-Method-Not-Allowed-Handler

(3:51)

Start

10-Middleware

(5:15)

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11-Materi-Selanjutnya

(2:35)

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Go-Lang JSON

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01-Pendahuluan

(1:46)

Start

02-Pengenalan-Package-json

(4:04)

Start

03-Encode-JSON

(6:06)

Start

04-JSON-Object

(5:20)

Start

05-Decode-JSON

(4:51)

Start

06-JSON-Array

(11:54)

Start

07-JSON-Tag

(7:18)

Start

08-Map

(5:38)

Start

09-Streaming-Decoder

(5:38)

Start

10-Streaming-Encoder

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11-Materi-Selanjutnya

(1:16)

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Golang RESTful API

Slide dan Source Code

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01-Pendahuluan

(2:25)

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02-Setup-Project

(4:52)

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03-Membuat-OpenAPI

(1:34)

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04-API-Spec-List-Categories

(3:50)

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05-API-Spec-Create-Category

(6:04)

Start

06-API-Spec-Get-Category

(2:22)

Start

07-API-Spec-Update-Category

(2:49)

Start

08-API-Spec-Delete-Category

(1:41)

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09-API-Spec-Security

(2:52)

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API-10-Membuat-Database

(2:25)

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11-Category-Domain

(2:35)

Start

12-Category-Repository

(5:09)

Start

13-Category-Repository-Implementation

(10:35)

Start

14-Category-Service

(6:22)

Start

15-Category-Service-Implementation

(11:45)

Start

16-Category-Validation

(6:01)

Start

17-Category-Controller

(2:05)

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18-Category-Controller-Implementation

(12:40)

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19-HTTP-Router

(8:34)

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20-HTTP-Server

(2:03)

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21-Manual-Test-API

(6:58)

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22-Error-Handler

(10:53)

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23-Authentication

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24-Unit-Test

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25-Materi-Selanjutnya

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Golang Dependency Injection

Slide dan Source Code

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01-Pendahuluan

(2:05)

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02-Pengenalan-Dependency-Injection

(6:28)

Start

03-Library-Dependency-Injection

(3:13)

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04-Membuat-Project

(1:47)

Start

05-Menginstall-Google-Wire

(4:03)

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06-Provider

(4:25)

Start

07-Injector

(7:49)

Start

08-Dependency-Injection

(6:27)

Start

09-Error

(6:08)

Start

10-Injector-Parameter

(6:03)

Start

11-Multiple-Binding

(8:29)

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12-Provider-Set

(6:19)

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14-Struct-Provider

(6:49)

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13-Binding-Interface

(11:34)

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15-Binding-Values

(8:26)

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16-Struct-Field-Provider

(4:52)

Start

17-Cleanup-Function

(9:08)

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18-Dependency-Injection-di-RESTful-API

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19-Materi-Selanjutnya

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Golang Logging

Slide dan Source Code

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01-Pendahuluan

(1:46)

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02-Pengenalan-Logging

(5:16)

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03-Logging-Library

(2:34)

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04-Membuat-Project

(2:19)

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05-Logger

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06-Level

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07-Output

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08-Formatter

(3:51)

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09-Field

(5:41)

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10-Entry

(5:46)

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11-Hook

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12-Singleton

(4:32)

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13-Materi-Selanjutnya

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Golang Generics

Slide dan Source Code

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01-Pendahuluan

(1:50)

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02-Pengenalan-Generic

(4:24)

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03-Membuat-Project

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04-Type-Parameter

(14:50)

Start

05-Multiple-Type-Parameter

(3:28)

Start

06-Comparable

(3:39)

Start

07-Type-Parameter-Inheritance

(10:49)

Start

08-Type-Sets

(8:48)

Start

09-Type-Approximation

(4:03)

Start

10-Type-Inference

(4:40)

Start

11-Generic-Type

(5:00)

Start

12-Generic-Struct

(8:59)

Start

13-Generic-Interface

(7:40)

Start

14-In-Line-Type-Constraint

(9:04)

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15-Experimental-Package

(10:00)

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16-Materi-Selanjutnya

(1:38)

Start

Golang Database Migration

Slide dan Source Code

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01-Pendahuluan

(1:41)

Start

02-Pengenalan-Database-Migration

(3:36)

Start

03-Pengenalan-Golang-Migrate

(1:29)

Start

04-Menginstall-Golang-Migrate

(5:08)

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05-Membuat-Project

(1:11)

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06-Membuat-Database-Migration

(4:01)

Start

07-Migration-Up

(1:43)

Start

08-Migration-Down

(1:55)

Start

09-Membuat-Database

(2:14)

Start

10-Menjalankan-Migration

(3:51)

Start

11-Migration-State

(2:08)

Start

12-Rollback-Migration

(1:59)

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13-Migrasi-ke-Versi-Tertentu

(6:09)

Start

14-Dirty-State

(9:44)

Start

15-Mencoba-Aplikasi

(2:08)

Start

16-Materi-Selanjutnya

(1:24)

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Golang Validation

Slide dan Source Code

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01-Pendahuluan

(1:44)

Start

02-Pengenalan-Validation

(3:55)

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03-Validator-Package

(2:31)

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04-Membuat-Project

(2:10)

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05-Validation-Struct

(4:59)

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06-Validasi-Variable

(5:30)

Start

07-Validasi-Dua-Variable

(3:25)

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08-Baked

(6:27)

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09-Multiple-Tag-Validation

(2:16)

Start

10-Tag-Parameter

(2:26)

Start

11-Validasi-Struct

(5:39)

Start

12-Validation-Errors

(6:27)

Start

13-Validasi-Cross-Field

(3:43)

Start

14-Validasi-Nested-Struct

(2:56)

Start

15-Validasi-Collection

(3:13)

Start

16-Validasi-Basic-Collection

(4:38)

Start

17-Validasi-Map

(5:49)

Start

18-Validasi-Basic-Map

(4:22)

Start

19-Alias-Tag

(3:50)

Start

20-Custom-Validation

(8:07)

Start

21-Custom-Validation-Parameter

(7:17)

Start

22-Or-Rule

(3:42)

Start

23-Custom-Validation-Cross-Field

(8:44)

Start

24-Struct-Level-Validation

(9:48)

Start

25-Materi-Selanjutnya

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Golang Viper

Slide dan Source Code

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01-Pendahuluan

(1:22)

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02-Pengenalan-Golang-Viper

(2:46)

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03-Membuat-Project

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Start

04-Membuat-Viper

(2:12)

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05-JSON

(7:58)

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06-YAML

(2:36)

Start

07-ENV-File

(2:45)

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08-ENvironment-Variable

(3:12)

Start

09-Fitur-Lainnya

(2:31)

Start

10-Penutup

(0:59)

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Golang Fiber

Slide dan Source Code

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01-Pendahuluan

(1:25)

Start

02-Pengenalan-Golang-Fiber

(2:57)

Start

03-Membuat-Project

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Start

04-Fiber-App

(3:01)

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05-Configuration

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06-Routing

(7:05)

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07-Ctx

(3:14)

Start

08-HTTP-Request

(4:13)

Start

09-Route-Parameter

(3:25)

Start

10-Request-Form

(2:54)

Start

11-Multipart-Form

(9:08)

Start

12-Request-Body

(4:05)

Start

13-Body-Parser

(8:43)

Start

14-HTTP-Response

(4:23)

Start

15-Download-File

(3:53)

Start

16-Routing-Group

(3:38)

Start

17-Static

(1:57)

Start

18-Pre-Fork

(5:46)

Start

19-Error-Handling

(3:26)

Start

20-Template

(6:52)

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21-Middleware

(5:05)

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22-Middleware-Lainnya

(1:51)

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23-HTTP-Client

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24-Penutup

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Golang Object Relational Mapping

Slide dan Source Code

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01-Pendahuluan

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02-Pengenalan-GORM

(3:47)

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03-Membuat-Project

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04-Setup-Project

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05-Database-Connection

(6:48)

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06-Raw-SQL

(15:42)

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07-Model

(10:30)

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08-Model-Convention

(4:53)

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09-Field-Permission

(4:16)

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10-Embedded-Struct

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11-Create

(8:28)

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12-Logger

(2:20)

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13-Transaction

(11:27)

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14-Query

(10:09)

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15-Advanced-Query

(19:29)

Start

16-Query-Non-Model

(4:54)

Start

17-Update

(8:52)

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18-Auto-Increment

(7:16)

Start

19-Timestamp-Tracking

(5:46)

Start

20-Upsert

(10:29)

Start

21-Delete

(3:05)

Start

22-Soft-Delete

(15:29)

Start

23-Model-Struct

(2:53)

Start

24-Lock

(4:03)

Start

25-One-to-One

(15:04)

Start

26-Auto-Upsert-Relation

(6:05)

Start

27-One-to-Many

(11:19)

Start

28-Belongs-To

(10:10)

Start

29-Many-to-Many

(16:53)

Start

30-Association-Mode

(18:39)

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31-Preloading

(10:57)

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32-Joins

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33-Query-Aggregation

(8:13)

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34-Context

(1:52)

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35-Scopes

(4:06)

Start

36-Connection-Pool

(2:27)

Start

37-Migrator

(4:54)

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38-Hook

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39-Performance

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40-Penutup

(1:10)

Start

Golang Redis

Slide dan Source Code

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01-Pendahuluan

(1:30)

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02-Golang-Redis

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03-Membuat-Project

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04-Client

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05-String

(3:20)

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06-List

(2:36)

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07-Set

(2:11)

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08-Sorted-Set

(4:08)

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09-Hash

(3:01)

Start

10-Geo-Point

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11-Hyper-Log-Log

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12-Pipeline

(3:41)

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13-Transaction

(2:10)

Start

14-Stream

(8:09)

Start

15-PubSub

(5:33)

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16-Penutup

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Start