

Modern Data Access with Entity Framework Core

Where do I find the code samples?

Unfortunately, Apress renumbered the chapters of my book during type setting. Therefore, the folder numbers in the Visual Studio solutions do not fit anymore to the chapter numbers ☹. However, the folder numbers in this solution cannot be changed as the code is used by the German book as well. Both books use the same code base. Branching with different folder names would not be a good idea. This table helps you to find the code easily.

Other changes Apress made:

- They joined the chapter "Tipps and Tricks for LINQ" into "Tipps and Tricks for Mapping".
- They renamed chapter 19 "Additional Tools" to "Commercial Tools", although some of the mentioned tools are free of charge.
- They converted chapter 28 to an Appendix.

If you have any issues with these changes, please ask Apress.

| German Book Chapter Name (Origin) | English Book Chapter Name (Translation) | Code Folder(s) |
|---|---|--|
| Kapitel 1 bis 9 | Chapter 1 to 3 | No Code |
| 10 Reverse Engineering bestehender Datenbanken | 4 Reverse Engineering of Existing Databases (Database First Development) | <ul style="list-style-type: none"> • EFC_Console/10 Reverse Engineering • EFC_WWWingsV1_Reverse(NETFX) • EFC_WWWingsV1_Reverse(NETStandard) |
| 11 Forward Engineering für neue Datenbanken | 5 Forward Engineering for New Databases | <ul style="list-style-type: none"> • EFC_Console/11 Forward Engineering |
| 12 Anpassung des Datenbankschemas | 6 Customizing the Database Schema | <ul style="list-style-type: none"> • EFC_Console/12 Schema Customizing |
| 13 Datenbankschema-migrationen | 7 Database Schema Migrations | <ul style="list-style-type: none"> • EFC_Console/13 Migrations |
| 14 Daten lesen mit LINQ | 8 Reading Data with LINQ | <ul style="list-style-type: none"> • EFC_Console/14 LINQ |
| 15 Objektbeziehungen und Ladestrategien | 9 Object Relationships and Loading Strategies | <ul style="list-style-type: none"> • EFC_Console/15 Relations |
| 16 Einfügen, Löschen und Ändern | 10 Inserting, Deleting, and Modifying Records | <ul style="list-style-type: none"> • EFC_Console/16 CUD |
| 17 Datenänderungskonflikte (Concurrency) | 11 Preventing Conflicts (Concurrency) | <ul style="list-style-type: none"> • EFC_Console/17 Concurrency |
| 18 Protokollierung (Logging) | 12 Logging | <ul style="list-style-type: none"> • EFC_Console/18 Logging |
| 19 Asynchrone Programmierung | 13 Asynchronous Programming | <ul style="list-style-type: none"> • EFC_Console/19 Async |
| 20 Dynamische LINQ-Abfragen | 14 Dynamic LINQ Queries | <ul style="list-style-type: none"> • EFC_Console/20 DynamicLINQ |
| 21 Daten lesen und ändern mit SQL, Stored Procedures und Table Valued Functions | 15 Reading and Modifying Data with SQL, Stored Procedures, and Table-Valued Functions | <ul style="list-style-type: none"> • EFC_Console/21 SQL SP TVF |
| 22 Weitere Tipps und Tricks zum Mapping | 16 Tips and Tricks for Mapping | <ul style="list-style-type: none"> • EFC_Console/22 Mapping Tips • AdditionalSamples/EFC_MappingTest |

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| 23 Weitere Tipps und Tricks zu LINQ und SQL | 16 Tips and Tricks for Mapping | <ul style="list-style-type: none">• EFC_Console/23 LINQ Tips |
| 24 Leistungsoptimierung (Performance Tuning) | 17 Performance Tuning | <ul style="list-style-type: none">• EFC_Console/24 Tuning |
| 25 Softwarearchitektur mit Entity Framework Core | 18 Software Architecture with Entity Framework Core | <ul style="list-style-type: none">• EFC_Console/25 Architecture |
| 26 Zusatzwerkzeuge | 19 Commercial Tools | <ul style="list-style-type: none">• EFC_Console/26 Tools |
| 27 Zusatzkomponenten | 20 Additional Components | <ul style="list-style-type: none">• EFC_Console/27 Components |
| 28 Praxislösungen | Appendix A Case Studies | <ul style="list-style-type: none">• EFC_MiracleList_UWP• EFC_MiracleList_Xamarin• EFC_CountryBorders• https://github.com/HSchwichtenberg/MiracleListBackend |