

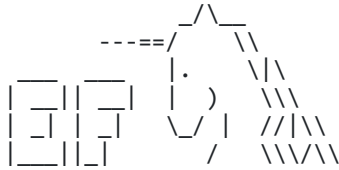
Package Manager Console Commands for Migrations

Migration commands in Entity Framework Core can be executed using the Package Manager Console in Visual Studio. Open the Package Manager Console from menu Tools -> NuGet Package Manager -> Package Manager Console in Visual Studio to execute the following commands.

PMC Command	Usage
Get-Help entityframework	Displays information about entity framework commands.
Add-Migration <migration name>	Creates a migration by adding a migration snapshot.
Remove-Migration	Removes the last migration snapshot.
Update-Database	Updates the database schema based on the last migration snapshot.
Script-Migration	Generates a SQL script using all the migration snapshots.
Scaffold-DbContext	Generates a DbContext and entity type classes for a specified database. This is called reverse engineering.
Get-DbContext	Gets information about a DbContext type.
Drop-Database	Drops the database.

Get-Help

```
PM> get-help entityframework
```



TOPIC

about_EntityFrameworkCore

SHORT DESCRIPTION

Provides information about the Entity Framework Core Package Manager Console Tools.

LONG DESCRIPTION

This topic describes the Entity Framework Core Package Manager Console Tools. See <https://docs.efproject.net> for information on Entity Framework Core.

The following Entity Framework Core commands are available.

Cmdlet	Description
Add-Migration	Adds a new migration.
Drop-Database	Drops the database.
Get-DbContext	Gets information about a DbContext type.
Remove-Migration	Removes the last migration.
Scaffold-DbContext	Scaffolds a DbContext and entity types for a database.
Script-Migration	Generates a SQL script from migrations.
Update-Database	Updates the database to a specified migration.

SEE ALSO

Add-Migration
Drop-Database
Get-DbContext
Remove-Migration
Scaffold-DbContext
Script-Migration
Update-Database

Add-Migration

```
NAME
    Add-Migration

SYNOPSIS
    Adds a new migration.

SYNTAX
    Add-Migration [-Name] <String> [-OutputDir <String>] [-Context <String>] [-Project <String>]
        [-StartupProject <String>] [<CommonParameters>]

DESCRIPTION
    Adds a new migration.

REMARKS
    To see the examples, type: "get-help Add-Migration -examples".
    For more information, type: "get-help Add-Migration -detailed".
    For technical information, type: "get-help Add-Migration -full".
```

Remove-Migration

```
NAME
    Remove-Migration

SYNOPSIS
    Removes the last migration.

SYNTAX
    Remove-Migration [-Force] [-Context <String>] [-Project <String>] [-StartupProject <String>]
        [<CommonParameters>]

DESCRIPTION
    Removes the last migration.

RELATED LINKS
    Add-Migration
    about_EntityFrameworkCore

REMARKS
    To see the examples, type: "get-help Remove-Migration -examples".
    For more information, type: "get-help Remove-Migration -detailed".
    For technical information, type: "get-help Remove-Migration -full".
```

Update-Database

NAME	Update-Database
SYNOPSIS	Updates the database to a specified migration.
SYNTAX	Update-Database [[-Migration] <String>] [-Context <String>] [-Project <String>] [-StartupProject <String>] [<CommonParameters>]
DESCRIPTION	Updates the database to a specified migration.
RELATED LINKS	Script-Migration about_EntityFrameworkCore
REMARKS	To see the examples, type: "get-help Update-Database -examples". For more information, type: "get-help Update-Database -detailed". For technical information, type: "get-help Update-Database -full".

Script-migration

NAME	Script-Migration
SYNOPSIS	Generates a SQL script from migrations.
SYNTAX	Script-Migration [-From] <String> [-To] <String> [-Idempotent] [-Output <String>] [-Context <String>] [-Project <String>] [-StartupProject <String>] [<CommonParameters>] Script-Migration [[-From] <String>] [-Idempotent] [-Output <String>] [-Context <String>] [-Project <String>] [-StartupProject <String>] [<CommonParameters>]
DESCRIPTION	Generates a SQL script from migrations.
RELATED LINKS	Update-Database about_EntityFrameworkCore
REMARKS	To see the examples, type: "get-help Script-Migration -examples". For more information, type: "get-help Script-Migration -detailed". For technical information, type: "get-help Script-Migration -full".

scaffold-dbcontext

NAME
Scaffold-DbContext

SYNOPSIS
Scaffolds a DbContext and entity types for a database.

SYNTAX
Scaffold-DbContext [-Connection] <String> [-Provider] <String> [-OutputDir <String>]
[-Context <String>] [-Schemas <String[]>] [-Tables <String[]>]
[-DataAnnotations] [-Force] [-Project <String>] [-StartupProject <String>]
[<CommonParameters>]

DESCRIPTION
Scaffolds a DbContext and entity types for a database.

RELATED LINKS
about_EntityFrameworkCore

REMARKS
To see the examples, type: "get-help Scaffold-DbContext -examples".
For more information, type: "get-help Scaffold-DbContext -detailed".
For technical information, type: "get-help Scaffold-DbContext -full".

Get-DbContext

NAME
Get-DbContext

SYNOPSIS
Gets information about a DbContext type.

SYNTAX
Get-DbContext [-Context <String>] [-Project <String>] [-StartupProject <String>]
[<CommonParameters>]

DESCRIPTION
Gets information about a DbContext type.

RELATED LINKS
about_EntityFrameworkCore

REMARKS
To see the examples, type: "get-help Get-DbContext -examples".
For more information, type: "get-help Get-DbContext -detailed".
For technical information, type: "get-help Get-DbContext -full".

Drop-Database

NAME

Drop-Database

SYNOPSIS

Drops the database.

SYNTAX

Drop-Database [-Context <String>] [-Project <String>] [-StartupProject <String>]
[-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Drops the database.

RELATED LINKS

Update-Database
about_EntityFrameworkCore

REMARKS

To see the examples, type: "get-help Drop-Database -examples".
For more information, type: "get-help Drop-Database -detailed".
For technical information, type: "get-help Drop-Database -full".