# Applying Migrations

## Local Development

Update-Database

## QA / Production Database Update

Script-Migration

Script-Migration [from]

script-migration 20220313201355\_renameCustomerIdAddPackageSerial

Script-Migration [from] [to]

script-migration 20220313201355\_renameCustomerIdAddPackageSerial 20220313201814\_splitPackageSerial

script-migration 20220313202229\_spGetFullName 20220313201814\_splitPackageSerial

# Idempotent

Generates script that intelligently applies changes by checking which migrations have already been applied (using the migration history table).

Script-Migration -Idempotent

# Bundles

* Generate executable that performs database migrations
* No additional tools
* Better fail-over and error handling
* Generated as part of CI process and executed in deployment operation

Bundle-Migration

Bundle-Migration -SelfContained -TargetRuntime linux-x64

Creates efbundle.exe

In PowerShell (Solution Explorer / Open in Terminal):

.\efbundle.exe --connection 'Data Source = DevOne; Initial Catalog = ShoppingCartProd; integrated security = True;'