Code First Migrations Workflow

**Avoid AutomaticMigration**

**Init**

* PM> **Eanble-Migrations** // 1-time
  + “Migration” folder added
  + Configuration.cs added: Seed method created.

**Schema Change**

1. Model Schema Changed on C# class
2. PM> **Add-Migration** *MigrationDesc*

* Timestamped\_MigrationDesc.cs added: Up() / Down() methods created for any schema changes.

1. PM> **Update-Database** -Verbose

* Database Schema changed

**History**

* PM> **Get-Migrations** // returns a list of MigrationDesc from the \_MigrationHistory table

**Rollback**

* PM> **Update-Database** **–TargetMigration:***MigrationDesc*
* PM> Update-Database –TargetMigration:**$InitialDatabase** // All the way back to the beginning

**Generate SQL**

* PM> Update-Database **–Script – SourceMigration:***MigrationDesc*
* // if you left out TargetMigration, it will use the latest migration as the target!

**Custom Migration**

<http://blogs.msdn.com/b/adonet/archive/2012/02/09/ef-4-3-code-based-migrations-walkthrough.aspx>

“Customizing Migration” Section

**Reference**

* https://msdn.microsoft.com/en-us/data/jj591621.aspx