Fluent API in Code-First:

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| **Mappings** | **To Database** |
| Model-wide Mapping | * Set default Schema * Set Custom Convetions |
| Entity Mapping | * To Single or Multiple Tables and Schema * To Complex type * Inheritance Hierarchies |
| Property Mapping | * To Column, Column Name, Column Type, Nullable or Not Null Column, Column size, Columns Order * To Concurrency column * To Foreign key column * To configure relationships |

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| **Method Name** | **Return Type** | **Description** |
| HasKey<TKey> | [EntityTypeConfiguration](http://msdn.microsoft.com/en-us/library/gg696117(v=vs.103).aspx) | Configures the primary key property(s) for this entity type. |
| HasMany<TTargetEntity> | [ManyNavigationPropertyConfiguration](http://msdn.microsoft.com/en-us/library/gg679342(v=vs.103).aspx) | Configures a many-to-many relationship from this entity type. |
| HasOptional<TTargetEntity> | [OptionalNavigationPropertyConfiguration](http://msdn.microsoft.com/en-us/library/gg696420(v=vs.103).aspx) | Configures an optional relationship from this entity type. Instances of the entity type can be saved to the database without this relationship being specified. The foreign key in the database will be nullable. |
| HasRequired<TTargetEntity> | [RequiredNavigationPropertyConfiguration](http://msdn.microsoft.com/en-us/library/gg679232(v=vs.103).aspx) | Configures a required relationship from this entity type. Instances of the entity type will not be able to be saved to the database unless this relationship is specified. The foreign key in the database will be non-nullable. |
| Ignore<TProperty> | Void | Excludes a property from the model so that it will not be mapped to the database. |
| Map | [EntityTypeConfiguration](http://msdn.microsoft.com/en-us/library/gg696117(v=vs.103).aspx) | Allows advanced configuration related to how this entity type is mapped to the database schema. |
| Property<T> | [StructuralTypeConfiguration](http://msdn.microsoft.com/en-us/library/gg679411(v=vs.103).aspx) | Configures a struct property that is defined on this type. |
| ToTable | Void | Configures the table name that this entity type is mapped to. |