

EF Core entity

EFCoreEntityParser

```
[Table("Customers")]
class Customer
{
    [Key]
    int CustomerID { get; set; }

    [MaxLength(200)]
    string CustomerName { get; set; }

    [Precision(18, 2)]
    decimal? CreditLimit { get; set; }
}
```

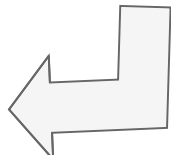
AddTable("Customers")

AddClassHeader("internal", "Customer")

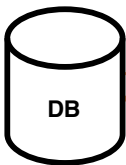
AddPropertyMapping("CustomerName", length: "200")

AddProperty("string", "CustomerName")

NHibernateEntityBuilder



PARSING PHASE



DATA_TYPE?

NVARCHAR

customerMap: EntityMap

schemaName = null

tableName = "Customers"

pm1: PropertyMap

columnName = null

databaseType = null

isNullable = null

dp1: DatabaseProperty

key = "length"

value = "200"

customer: Entity

name = "Customer"

accessModifier = "internal"

namespace

p1: Property

name = "CustomerName"

accessModifier = "internal"

modifiers = []

p1Type: CLRType

type = "string"

genericParameter = null

isNullable = false

BUILDING PHASE

Build()

BuildTableSchema()

BuildProperties()

NHibernate XML mapping

NHibernate entity

internal class Customer

internal virtual int CustomerID { get; set; }

internal virtual string CustomerName { get; set; }

internal virtual decimal? CreditLimit { get; set; }

}

<?xml version="1.0" encoding="utf-8" ?>

<hibernate-mapping xmlns="urn:hibernate-mapping-2.2">

<class name="Customer" table="Customers">

<id name="CustomerID" column="CustomerID" type="Int32" />

<property name="CustomerName" not-null="true" type="String" length="200" />

<property name="CreditLimit" not-null="false" precision="18" scale="2" />

</class>

</hibernate-mapping>