Contents

This shows a sample implementation of a custom id generator for numeric data types.

- **Platform:** All
- **Language:** C#, VB
- **Download:** NumericIdGenerator

Problem

You have to write a custom id generator when a new entity's permanent key must be calculated with information only accessible on the EntityServer. The key is not generated by the database (store-generated) nor can it be assigned in creation code on the client.

Solution

You can implement an *IIdGenerator* to handle custom id generation. This sample *NumericIdGenerator* can be used as is or adapted for use in your application. The sample will handle *numeric* data types: first assigning a negative *temporary id* and then assigning a *real id* using a *NextId* database table.

Prerequisites

If you use the *NumericIdGenerator* as is you will need a *NextId* database table. The script to create this table is in the download.