**Name**: Person mock specification

**Version**: 1.0

**Date**: 26.04.12

**Author**: Alexei Rebrov

**Last modified by**: Alexei Rebrov

**Revision list**:

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Description |
| 1.0 | 29.04.12 | Alexei Rebrov | Added interfaces realizations |

**Summary**: This specification describes Person mock class members. Person mock class is designed to store information from BD table.

**Description**:

*Properties:*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field name | Type | IsNull | Size | Field name |
| ID | Int | - | 4 | m\_ID |
| FName | String | + | 30 chars | m\_lName |
| LName | string | - | 30 chars | m\_fName |

*Methods:*

bool Validate(Person o) - Validation function for Person

void Read(Stream inStream) - Reads this Person object from binary stream

void Write(Stream outStream) - Writes this Person object to binary stream

int CompareTo(object obj) - Compares objects. Returns -1:this object is less;1 this object is greater;0-equals

object Clone() - Clone this object

void AssignTo(object o) - Fills object with this object values

*Fields:*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Order | Field name | Type | Absolute size (bytes) | Signed | IsNull | Encoding | Fixed size |
| 1 | ID | Int | 4 | + | - |  | + |
| 2 | FName | String | 60 | - | + | Unicode | 30 chars |
| 3 | LName | string | 60 | - | - | Unicode | 30 chars |