

# JSColumnObject

 Apr 05, 2024 16:12

Supported Clients

SmartClient WebClient NGClient

Constants Summary

|        |                   |                                                                           |
|--------|-------------------|---------------------------------------------------------------------------|
| Number | DATABASE_IDENTITY | Constant used when setting or getting the sequence type of columns.       |
| Number | DATABASE_SEQUENCE | Constant used when setting or getting the sequence type of columns.       |
| Number | DATETIME          | Constant used when setting or getting the type of columns.                |
| Number | EXCLUDED_COLUMN   | Constant used when setting or getting the flags of columns.               |
| Number | INTEGER           | Constant used when setting or getting the type of columns.                |
| Number | MEDIA             | Constant used when setting or getting the type of columns.                |
| Number | NATIVE_COLUMN     | Constant used when setting or getting the flags of columns.               |
| Number | NONE              | Constant for column information indicating unset values.                  |
| Number | NUMBER            | Constant used when setting or getting the type of columns.                |
| Number | PK_COLUMN         | Constant used when setting or getting the row identifier type of columns. |
| Number | ROWID_COLUMN      | Constant used when setting or getting the row identifier type of columns. |
| Number | SERVYOY_SEQUENCE  | Constant used when setting or getting the sequence type of columns.       |
| Number | TENANT_COLUMN     | Constant used when setting or getting the flags of columns.               |
| Number | TEXT              | Constant used when setting or getting the type of columns.                |
| Number | UUID_COLUMN       | Constant used when setting or getting the flags of columns.               |
| Number | UUID_GENERATOR    | Constant used when setting or getting the sequence type of columns.       |

Property Summary

|         |                   |                                                   |
|---------|-------------------|---------------------------------------------------|
| Boolean | allowNull         | Get or set the allow-null flag of a new column.   |
| Number  | rowIdentifierType | Get or set the row identifier type of the column. |
| Number  | sequenceType      | Get or set the sequence type of the column.       |

Methods Summary

|         |                                       |                                                                                                                             |
|---------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| String  | getDataProviderID()                   | Get the data provider id for this column (which is the same as name if not explicitly defined otherwise).                   |
| String  | getDefaultFormat()                    | Get the default format of the column.                                                                                       |
| String  | getDescription()                      | Get the description property of the column.                                                                                 |
| String  | getForeignType()                      | Get the foreign type of the column.                                                                                         |
| Number  | getLength()                           | Get the length of the column as reported by the JDBC driver.                                                                |
| String  | getName()                             | Get the name of the column as used by Servoy.                                                                               |
| String  | getQualifiedName()                    | Get the qualified name (including table name) of the column as known by the database.                                       |
| String  | getQuotedSQLName()                    | Returns a quoted version of the column name, if necessary, as defined by the actual database used.                          |
| String  | getSQLName()                          | Get the name of the column as known by the database.                                                                        |
| Number  | getSQLType()                          | Get the raw JDBC type of the column, which allows to check database specific types, like sting/byte column type variations. |
| Number  | getScale()                            | Get the scale of the column as reported by the JDBC driver.                                                                 |
| JSTable | getTable()                            | Get the JSTable of this column.                                                                                             |
| String  | getTitle()                            | Get the title property of the column.                                                                                       |
| Number  | getType()                             | Get the JDBC type of the column.                                                                                            |
| String  | getTypeAsString()                     | Get the name JDBC type of the column.                                                                                       |
| Boolean | hasFlag(flag)                         | Check a flag of the column.                                                                                                 |
| void    | setDatabaseSequenceName(sequenceName) | Set the database sequence name of the column, used for columns with sequence type JSColumn.                                 |
| void    | setFlag(flag, set)                    | Set or clear a flag of a new column.                                                                                        |

Constants Details

**DATABASE\_IDENTITY**  
Constant used when setting or getting the sequence type of columns.

Returns

Number

---

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getSequenceType())
{
case JSColumn.NONE:
    // handle column with no sequence
    break;

case JSColumn.UUID_GENERATOR:
    // handle uuid generated column
    break;
}
```

**DATABASE\_SEQUENCE**

Constant used when setting or getting the sequence type of columns.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getSequenceType())
{
case JSColumn.NONE:
    // handle column with no sequence
    break;

case JSColumn.UUID_GENERATOR:
    // handle uuid generated column
    break;
}
```

**DATETIME**

Constant used when setting or getting the type of columns.

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

**EXCLUDED\_COLUMN**

---

Constant used when setting or getting the flags of columns.  
This flag identifies columns that are skipped in the sql.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
if (column.hasFlag(JSColumn.UUID_COLUMN))
{
    // handle uuid column
}
```

**INTEGER**

Constant used when setting or getting the type of columns.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

**MEDIA**

Constant used when setting or getting the type of columns.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

**NATIVE\_COLUMN**

---

Constant used when setting or getting the flags of columns.  
This flag identifies columns that are marked as a native type column (for example uniqueidentifier).

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
if (column.hasFlag(JSColumn.UUID_COLUMN))
{
    // handle uuid column
}
```

**NONE**

Constant for column information indicating unset values.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getSequenceType())
{
case JSColumn.NONE:
    // handle column with no sequence
    break;

case JSColumn.UUID_GENERATOR:
    // handle uuid generated column
    break;
}
```

**NUMBER**

Constant used when setting or getting the type of columns.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

**PK\_COLUMN**

Constant used when setting or getting the row identifier type of columns.  
This value identifies columns that are defined as primary key in the database.

---

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getRowIdentifierType())
{
case JSColumn.NONE:
    // handle normal column
    break;

case JSColumn.PK_COLUMN:
    // handle database pk column
    break;

case JSColumn.ROWID_COLUMN:
    // handle developer defined pk column
    break;
}
```

**ROWID\_COLUMN**

Constant used when setting or getting the row identifier type of columns.

This value identifies columns that are defined as primary key by the developer (but not in the database).

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getRowIdentifierType())
{
case JSColumn.NONE:
    // handle normal column
    break;

case JSColumn.PK_COLUMN:
    // handle database pk column
    break;

case JSColumn.ROWID_COLUMN:
    // handle developer defined pk column
    break;
}
```

**SERVOY\_SEQUENCE**

Constant used when setting or getting the sequence type of columns.

**Returns**[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getSequenceType())
{
case JSColumn.NONE:
    // handle column with no sequence
    break;

case JSColumn.UUID_GENERATOR:
    // handle uuid generated column
    break;
}
```

**TENANT\_COLUMN**

Constant used when setting or getting the flags of columns.  
This flag identifies columns that are marked as a tenant column.

**Returns**

[Number](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
if (column.hasFlag(JSColumn.UUID_COLUMN))
{
    // handle uuid column
}
```

**TEXT**

Constant used when setting or getting the type of columns.

**Returns**

[Number](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

**UUID\_COLUMN**

Constant used when setting or getting the flags of columns.  
This flag identifies columns whose values are treated as UUID.

**Returns**

[Number](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
if (column.hasFlag(JSColumn.UUID_COLUMN))
{
    // handle uuid column
}
```

**UUID\_GENERATOR**

Constant used when setting or getting the sequence type of columns.

**Returns**

[Number](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getSequenceType())
{
case JSColumn.NONE:
    // handle column with no sequence
    break;

case JSColumn.UUID_GENERATOR:
    // handle uuid generated column
    break;
}
```

**Property Details****allowNull**

Get or set the allow-null flag of a new column.

Note that when a column is added to an existing table, allowNull will always be set.

For a primary key column, the allowNull flag will be always off, for other columns the flag is set by default.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient, WebClient, NGClient

**Sample**

```
var server = plugins.maintenance.getServer("example_data");
if (server)
{
    var table = server.createNewTable("users");
    if (table)
    {
        var pk = table.createNewColumn("id", JSColumn.MEDIA, 16); // can also use (JSColumn.TEXT, 36)
        for UUIDs
        {
            pk.rowIdentifierType = JSColumn.PK_COLUMN;
            pk.setFlag(JSColumn.UUID_COLUMN, true)
            pk.sequenceType = JSColumn.UUID_GENERATOR
            var c = table.createNewColumn("name", JSColumn.TEXT, 100);
            c.allowNull = false
            table.createNewColumn("age", JSColumn.INTEGER, 0);
            table.createNewColumn("last_login", JSColumn.DATETIME, 0);
            var result = server.synchronizeWithDB(table);
            if (result) application.output("Table successfully created.");
            else application.output("Table not created.");
        }
    }
}
```

**rowIdentifierType**

Get or set the row identifier type of the column.

The sequence type is one of:

- JSColumn.PK\_COLUMN
- JSColumn.ROWID\_COLUMN
- JSColumn.NONE

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var server = plugins.maintenance.getServer("example_data");
if (server)
{
    // users has uuid pk
    var table = server.createNewTable("users");
    if (table)
    {
        var pk = table.createNewColumn("id", JSColumn.MEDIA, 16); // can also use <JSColumn.TEXT, 36>
for UUIDs)
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.setFlag(JSColumn.UUID_COLUMN, true)
        pk.sequenceType = JSColumn.UUID_GENERATOR
        table.createNewColumn("name", JSColumn.TEXT, 100);
        var result = server.synchronizeWithDB(table);
        if (result) application.output("Table users successfully created.");
        else application.output("Table users not created.");
    }

    // groups has database sequence pk
    table = server.createNewTable("groups");
    if (table)
    {
        pk = table.createNewColumn("id", JSColumn.INTEGER, 0);
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.sequenceType = JSColumn.DATABASE_SEQUENCE
        pk.setDatabaseSequenceName('mygroupsequence')
        table.createNewColumn("name", JSColumn.TEXT, 100);
        result = server.synchronizeWithDB(table);
        if (result) application.output("Table groups successfully created.");
        else application.output("Table groups not created.");
    }
}
```

**sequenceType**

Get or set the sequence type of the column.

The sequence type is one of:

- JSColumn.NONE
- JSColumn.SERVOY\_SEQUENCE
- JSColumn.DATABASE\_SEQUENCE
- JSColumn.DATABASE\_IDENTITY
- JSColumn.UUID\_GENERATOR;

**Returns**

[Number](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```

var server = plugins.maintenance.getServer("example_data");
if (server)
{
    // users has uuid pk
    var table = server.createNewTable("users");
    if (table)
    {
        var pk = table.createNewColumn("id", JSColumn.MEDIA, 16); // can also use <JSColumn.TEXT, 36>
for UUIDs)
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.setFlag(JSColumn.UUID_COLUMN, true)
        pk.sequenceType = JSColumn.UUID_GENERATOR
        table.createNewColumn("name", JSColumn.TEXT, 100);
        var result = server.synchronizeWithDB(table);
        if (result) application.output("Table users successfully created.");
        else application.output("Table users not created.");
    }

    // groups has database sequence pk
    table = server.createNewTable("groups");
    if (table)
    {
        pk = table.createNewColumn("id", JSColumn.INTEGER, 0);
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.sequenceType = JSColumn.DATABASE_SEQUENCE
        pk.setDatabaseSequenceName('mygroupsequence')
        table.createNewColumn("name", JSColumn.TEXT, 100);
        result = server.synchronizeWithDB(table);
        if (result) application.output("Table groups successfully created.");
        else application.output("Table groups not created.");
    }
}

```

**Methods Details****getDataProviderID()**

Get the data provider id for this column (which is the same as name if not explicitly defined otherwise).

**Returns**

[String](#) String dataprovider id.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```

var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var dataProviderId = column.getDataProviderID()

```

**getDefaultFormat()**

Get the default format of the column.

**Returns**

[String](#) String column default format.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```

var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var format = column.getDefaultFormat()

```

**getDescription()**

---

Get the description property of the column.

**Returns**

[String](#) String column description.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customername')
var desc = column.getDescription()
```

**getForeignType()**

Get the foreign type of the column.

The foreign type can be defined design time as a foreign key reference to another table.

**Returns**

[String](#) String foreign type.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var foreignType = column.getForeignType()
if (foreignType != null)
{
    var fkTable = databaseManager.getTable('example_data', foreignType)
}
```

**getLength()**

Get the length of the column as reported by the JDBC driver.

**Returns**

[Number](#) int column length.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customername')
if (column.getLength() < 10)
{
    // handle short column
}
```

**getName()**

Get the name of the column as used by Servoy.

**Returns**

[String](#) String column name

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var colName = column.getName()
```

**getQualifiedName()**

---

Get the qualified name (including table name) of the column as known by the database. The name is quoted, if necessary, as defined by the actual database used.

**Returns**

[String](#) String qualified column name.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var qualifiedSqlName = column.getQualifiedName()
```

**getQuotedSQLName()**

Returns a quoted version of the column name, if necessary, as defined by the actual database used.

**Returns**

[String](#) column name, quoted if needed.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
//use with the raw SQL plugin:
//if the table name contains characters that are illegal in sql, the table name will be quoted
var jsTable = databaseManager.getTable('udm', 'campaigns')
var quotedTableName = jsTable.getQuotedSQLName()
var jsColumn = jsTable.getColumn('active')
var quotedColumnName = jsColumn.getQuotedSQLName()
plugins.rawSQL.executeSQL('udm', quotedTableName, 'select * from ' + quotedTableName + ' where ' +
quotedColumnName + ' = ?', [1])
```

**getSQLName()**

Get the name of the column as known by the database.

**Returns**

[String](#) String sql name

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var sqlName = column.getSQLName()
```

**getSQLType()**

Get the raw JDBC type of the column, which allows to check database specific types, like sting/byte column type variations.

**Returns**

[Number](#) int sql type.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var sqlType = column.getSQLType();
```

**getScale()**

Get the scale of the column as reported by the JDBC driver.

---

**Returns**

[Number](#) int column scale.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customername')
var scale = column.getScale()
```

**getTable()**

Get the JSTable of this column.

**Returns**

[JSTable](#) table The JSTable of this column.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****getTitle()**

Get the title property of the column. If title is null will return column name.

**Returns**

[String](#) String column title.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customername')
var title = column.getTitle()
```

**getType()**

Get the JDBC type of the column.

The type reported by the JDBC driver will be mapped to one of:

- JSColumn.DATETIME
- JSColumn.TEXT
- JSColumn.NUMBER
- JSColumn.INTEGER
- JSColumn.MEDIA

**Returns**

[Number](#) int sql type.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
switch (column.getType())
{
case JSColumn.TEXT:
    // handle text column
    break;

case JSColumn.NUMBER:
case JSColumn.INTEGER:
    // handle numerical column
    break;
}
```

---

**getTypeAsString()**

Get the name JDBC type of the column.  
The same mapping as defined in `JSColumn.getType()` is applied.

**Returns**

`String` String sql name.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
var typeName = column.getTypeAsString()
```

**hasFlag(flag)**

Check a flag of the column.  
The flags are a bit pattern consisting of 1 or more of the following bits:

- `JSColumn.UUID_COLUMN`
- `JSColumn.EXCLUDED_COLUMN`
- `JSColumn.TENANT_COLUMN`
- `JSColumn.NATIVE_COLUMN`

**Parameters**

`Number` flag ;

**Returns**

`Boolean` boolean whether flag is set.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```
var table = databaseManager.getTable('db:/example_data/orders')
var column = table.getColumn('customerid')
if (column.hasFlag(JSColumn.UUID_COLUMN))
{
    // handle uuid column
}
```

**setDatabaseSequenceName(sequenceName)**

Set the database sequence name of the column, used for columns with sequence type `JSColumn.DATABASE_SEQUENCE`.

**Parameters**

`String` sequenceName the sequence name

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```

var server = plugins.maintenance.getServer("example_data");
if (server)
{
    // users has uuid pk
    var table = server.createNewTable("users");
    if (table)
    {
        var pk = table.createNewColumn("id", JSColumn.MEDIA, 16); // can also use <JSColumn.TEXT, 36>
for UUIDs)
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.setFlag(JSColumn.UUID_COLUMN, true)
        pk.sequenceType = JSColumn.UUID_GENERATOR
        table.createNewColumn("name", JSColumn.TEXT, 100);
        var result = server.synchronizeWithDB(table);
        if (result) application.output("Table users successfully created.");
        else application.output("Table users not created.");
    }

    // groups has database sequence pk
    table = server.createNewTable("groups");
    if (table)
    {
        pk = table.createNewColumn("id", JSColumn.INTEGER, 0);
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.sequenceType = JSColumn.DATABASE_SEQUENCE
        pk.setDatabaseSequenceName('mygroupsequence')
        table.createNewColumn("name", JSColumn.TEXT, 100);
        result = server.synchronizeWithDB(table);
        if (result) application.output("Table groups successfully created.");
        else application.output("Table groups not created.");
    }
}

```

**setFlag(flag, set)**

Set or clear a flag of a new column.

The flags are a bit pattern consisting of 1 or more of the following bits:

- JSColumn.UUID\_COLUMN;
- JSColumn.EXCLUDED\_COLUMN;

**Parameters**

[Number](#) flag the flag to set

[Boolean](#) set true for set flag, false for clear flag

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**

```

var server = plugins.maintenance.getServer("example_data");
if (server)
{
    var table = server.createNewTable("users");
    if (table)
    {
        var pk = table.createNewColumn("id", JSColumn.MEDIA, 16); // can also use (JSColumn.TEXT, 36)
for UUIDs
        pk.rowIdentifierType = JSColumn.PK_COLUMN;
        pk.setFlag(JSColumn.UUID_COLUMN, true)
        pk.sequenceType = JSColumn.UUID_GENERATOR
        var c = table.createNewColumn("name", JSColumn.TEXT, 100);
        c.allowNull = false
        table.createNewColumn("age", JSColumn.INTEGER, 0);
        table.createNewColumn("last_login", JSColumn.DATETIME, 0);
        var result = server.synchronizeWithDB(table);
        if (result) application.output("Table successfully created.");
        else application.output("Table not created.");
    }
}

```

