

Start Release No : 7.0.610.20260820-11 / Update Release No : 7.0.610.20260820-11

: / :

1

Bulk Editor , SQL, .

(Dry-Run) , .

, Connection Code , .

Bulk Editor .



Bulk Editor , .

|           |     |
|-----------|-----|
|           |     |
| (Dry-Run) | . . |
|           | . . |
|           | . . |
|           | . . |
|           | . . |
|           | . . |

[0] .

Dry-Run .

2

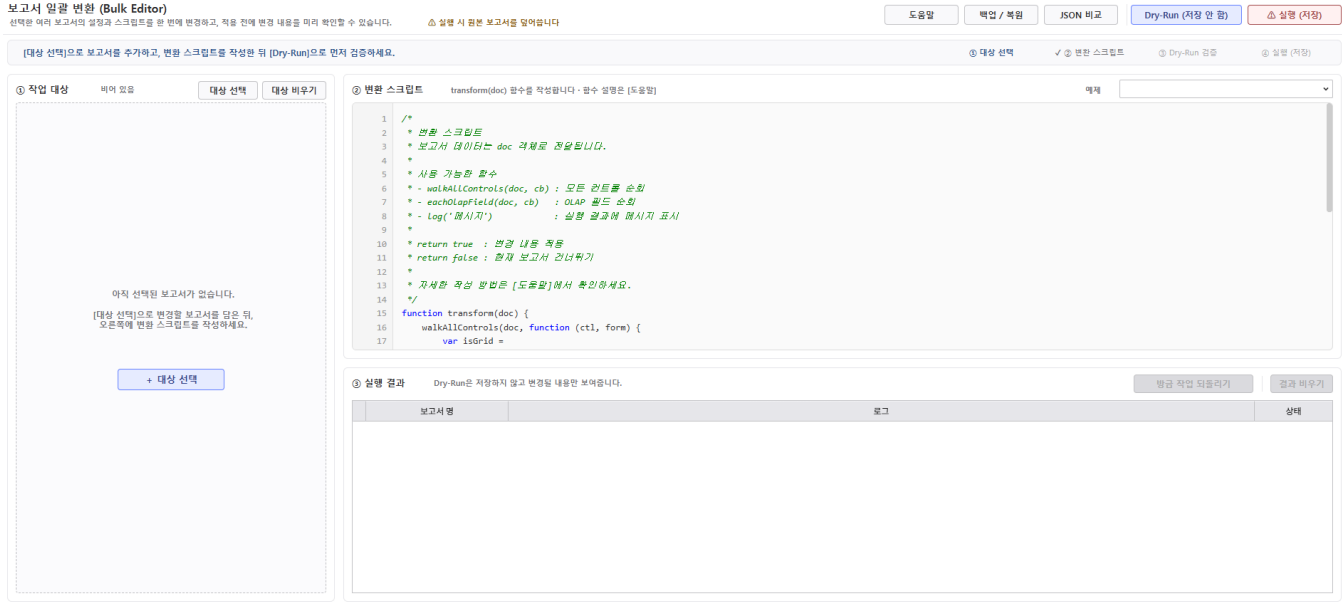
Bulk Editor .

1. .
2. transform(doc) .
3. Dry-Run( ) . . .
4. 0 .
5. / .

1 Dry-Run .

3

, .



3.1

Bulk Editor .

|            |          |
|------------|----------|
|            |          |
|            | . .      |
| /          | . .      |
| JSON       | . JSON . |
| Dry-Run( ) | . .      |
| 0          | . .      |

, .

3.2

~ .

|         |         |
|---------|---------|
|         |         |
|         |         |
|         |         |
| Dry-Run | Dry-Run |
| 0       |         |

Dry-Run     **Dry-Run** () .

Dry-Run .

3.3

Bulk Editor .

|  |                  |
|--|------------------|
|  |                  |
|  | Dry-Run . , .    |
|  | .                |
|  | .                |
|  | .                |
|  | i-AUD Designer . |

|     |         |
|-----|---------|
|     |         |
|     |         |
| ... |         |
|     |         |
|     | Dry-Run |
|     |         |
|     |         |
|     |         |

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4

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1. .  
2. .  
3. .  
4. .  
5. **N** .  
6. . .

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SD, SC i-AUD, .

5

transform(doc) . doc     JSON , transformr(doc) .  
SQL doc .

, . .

transform(doc)

```
function transform(doc) {
  walkAllControls(doc, function (ctl, form) {
    var isGrid =
      ctl.Type === 'DataGrid' ||
      ctl.Type === 'GroupGrid' ||
      ctl.Type === 'TreeGrid';

    if (!isGrid) { return; }

    (ctl.Columns || []).forEach(function (col) {
      if (!col.Name || col.Name.indexOf('ITEM_NAME') === -1) { return; }

      // ITEM_NAME ( )
      delete col.TextPosition;

      log(form.Name + '/' + ctl.Name + '/' + col.Name + ' ');
    });
  });

  return true;
}
```

transform(doc) .

|               |               |
|---------------|---------------|
|               |               |
| return true + | . Dry-Run , . |
| return false  | .             |
|               | .             |
|               | .             |

return true .

5.1

transform(doc) .

|                          |                                                |
|--------------------------|------------------------------------------------|
|                          |                                                |
| walkAllControls(doc, cb) | .      cb(ctl, form).                          |
| eachOlapField(doc, cb)   | OlapGrid.iOLAPView.Fields cb(fld, grid, form). |
| log()                    | .      .                                       |

#### walkAllControls

|                 |                             |
|-----------------|-----------------------------|
|                 |                             |
| Group, AddIn    | ChildElements[]             |
| Tab             | TabItems[].Controls[]       |
| iGrid (MX-Grid) | Controls[]                  |
| TableLayout     | Rows[].Cells[].InnerControl |

#### OLAP

|                |                                         |
|----------------|-----------------------------------------|
|                |                                         |
| fld.Area       | 0 · 1 · 2 · 3 · 4                       |
| fld.Category   | 1 · 2                                   |
| fld.CreateType | 0 · 1 (#MEASURES_HEADER#)               |
|                | fld.TextAlignment / fld.HeaderAlignment |

fld.CreateType === 0 .

### 5.2

doc , , , .

doc

문서 구조

doc

└ Forms[]

└ Elements[]

└ Type, Name, Style, Position

└ Columns[]

└ iOLAPView.Fields[]

└ DataSourcees.Datas[]

└ Name, ConnectionCode

└ SQL

└ Params[]

└ ServerScriptText[]

└ Name

└ ScriptText

└ ScriptText

화면(폼)

컨트롤

그리드 컬럼

OLAP 필드

데이터소스

{ Name: ':VS\_XXX', ParamType: 'String' }

서버 스크립트

클라이언트 스크립트

SQL .

. .

### 5.3

.  
'start'(), 'center', 'end'() , 'start' .

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                    |
| <pre> delete col.TextPosition;      // () col.TextPosition = 'end';    //  delete ctl.Visible;          // () ctl.Visible = false;        //</pre> |

|      |                   |                     |
|------|-------------------|---------------------|
|      |                   |                     |
|      | col.TextPosition  | col.HeaderPosition  |
| OLAP | fld.TextAlignment | fld.HeaderAlignment |

#### Style.Type

Style.Type .

| Style.Type |          |                        |
|------------|----------|------------------------|
| 0          |          |                        |
| 1          | BoxStyle | Style.BoxStyle         |
| 2          |          | Style.Background.Color |

Style.Type 0 1 .

- 
- (\) . : '\\bNAME\\b'
- SQL GROUP BY, ORDER BY, UNION, WHERE SQL . Dry-Run SQL .
- SQL .
- . . . . . ( )

|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
|                                                                                                                    |
| <pre> var MARKER = '/* @BULK:myFix */';  if (script.indexOf(MARKER) &gt; -1) {   log(' ');   return false; }</pre> |

### 5.4

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. . . . .

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|  | , , |

|          |            |
|----------|------------|
| OLAP     | OLAP , ,   |
| SQL      | SQL        |
|          |            |
|          |            |
|          | (BoxStyle) |
|          | DB         |
|          |            |
|          |            |
|          |            |
|          | , ,        |
| BoxStyle | BoxStyle   |
|          |            |
| .        |            |
|          | SQL        |
|          |            |
|          |            |
|          |            |

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6 Dry-Run

Dry-Run , .

Dry-Run , .

1. . . .
2. transform(doc) .
3. . return false .
4. . . .
5. Dry-Run . . . .
6. , , . . .

Dry-Run
   
 Dry-Run .

6.1

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30 , ... n .

|   |                        |
|---|------------------------|
|   |                        |
|   | Dry-Run . .            |
|   | .                      |
| / | transform(doc) false . |
|   | .                      |
|   | .                      |
|   | .                      |

log() .

6.2

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- Dry-Run , .
- , , .
- log() .

6.3

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Dry-Run .

7

Bulk Editor () .

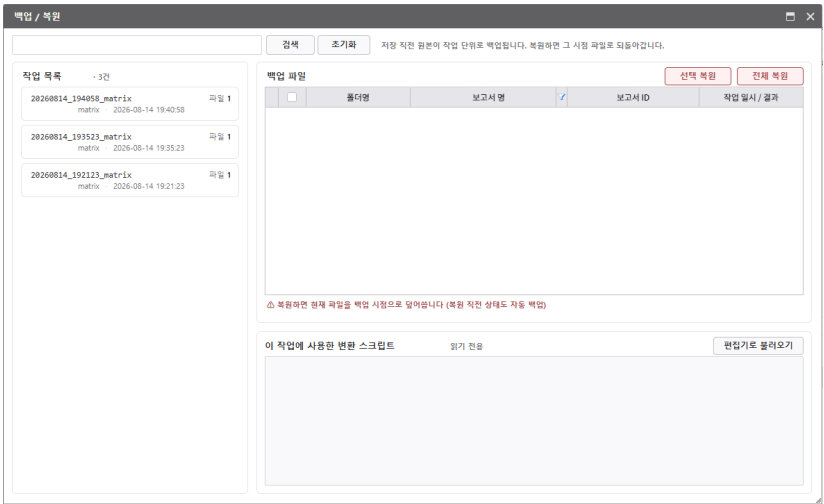
(Job) , / .

ID , .

7.1 /

/ .

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|  |             |
|--|-------------|
|  |             |
|  | ID, , , . . |
|  | .           |
|  | .           |

## 7.2

1. / .
2. .
3. .
4. .
5. .
6. .



## 7.3

복합화형 (Complex Shape)은, ID, \_RESTORE, .

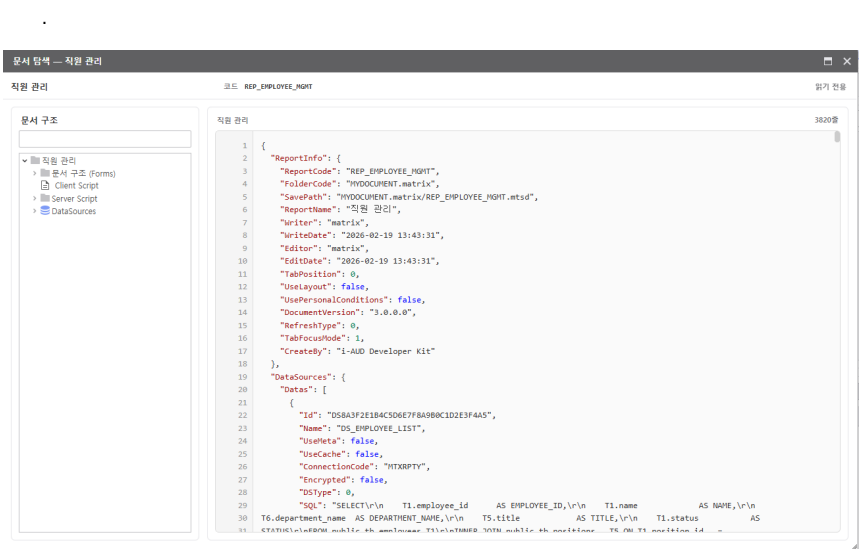
## 7.4

복합화형 (Complex Shape)은, ID, \_RESTORE, .

# 8

복합화형 (Complex Shape)은, ID, \_RESTORE, . SQL

### 8.1



|               |     |
|---------------|-----|
|               |     |
|               |     |
| (Forms)       |     |
| Client Script |     |
| Server Script |     |
| DataSources   | SQL |

(Forms) . Group, Tab, TableLayout .

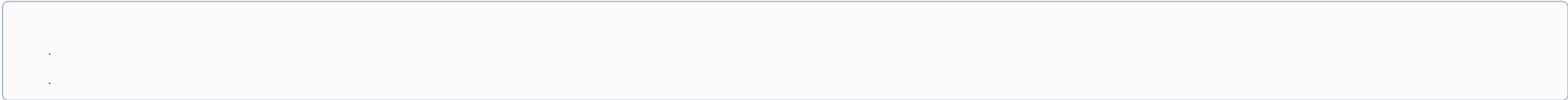
Server Script DataSources SQL .

## 8.2

Enter . Enter .

### 8.3

transform(doc) .



## 9 JSON

JSON . JSON , transform(doc) .

i-AUD Designer .



11 FAQ

ITEM\_NAME

SQL

Dry-Run

Dry-Run

/ \_RESTORE

|                                                                     |                                  |                                    |                                  |                                 |                                        |                                     |
|---------------------------------------------------------------------|----------------------------------|------------------------------------|----------------------------------|---------------------------------|----------------------------------------|-------------------------------------|
| <input type="checkbox"/> API Open                                   | <input type="checkbox"/> UI Open | <input type="checkbox"/> Read Only | <input type="checkbox"/> Not Use | <input type="checkbox"/> Hidden | <input type="checkbox"/> Not Recommend | <input checked="" type="checkbox"/> |
| <ul style="list-style-type: none"><li>7.0.610.20260820-11</li></ul> |                                  |                                    |                                  |                                 |                                        |                                     |