[i-AUD] (Bulk Editor)

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

1

Bulk Editor , SQL, .

(Dry-Run) , .

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, Connection Code , .

Bulk Editor .

Bulk Editor , .

(Dry-Run) . .	
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.	

[()] .

Dry-Run .

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2

Bulk Editor .

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

1 Dry-Run .

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3

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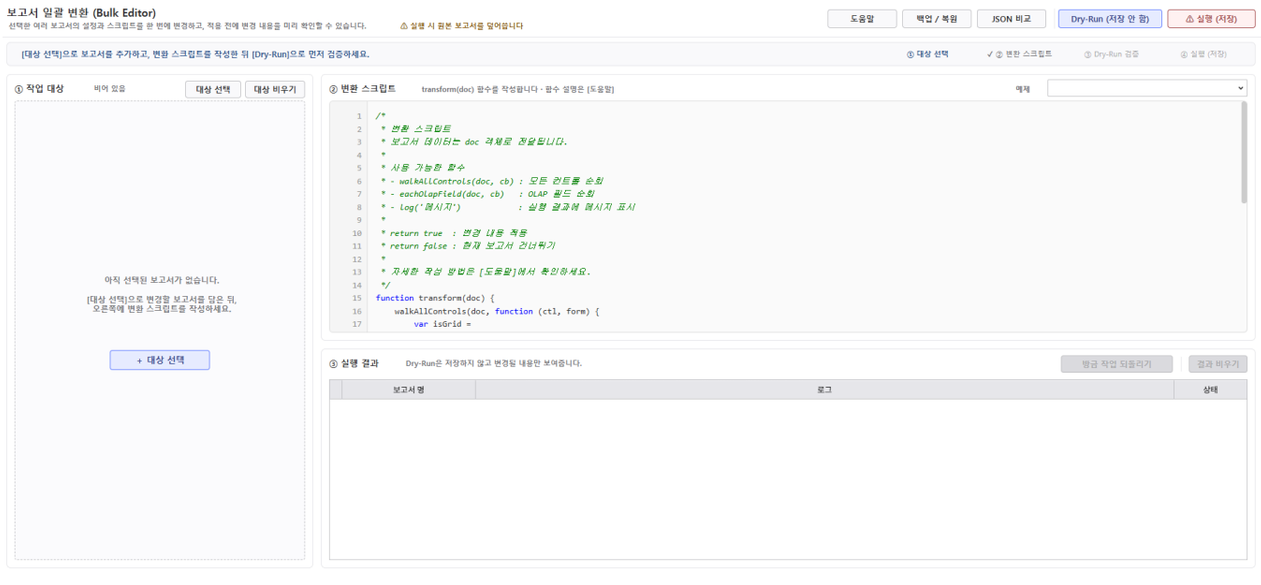

3.1

Bulk Editor .

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/	.
JSON	· JSON .
Dry-Run( )	.
()	.

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3.2

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Dry-Run	Dry-Run
()	

Dry-Run **Dry-Run ()** .

Dry-Run .

3.3

Bulk Editor .

	Dry-Run . , .
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	i-AUD Designer .

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Dry-Run	

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4. .
5. **N** .
6. . .

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SD, SC i-AUD , .

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transform(doc) . doc JSON , transfomr(doc) .

SQL doc .

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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[]                        화면(폼)
|   └ Elements[]                 컨트롤
|       ├ Type, Name, Style, Position
|       ├ Columns[]              그리드 컬럼
|       └ iOLAPView.Fields[]     OLAP 필드
├ DataSources.Datas[]            데이터소스
|   ├ Name, ConnectionCode
|   ├ SQL
|   └ Params[]                   { Name: ':VS_XXX', ParamType: 'String' }
├ ServerScriptText[]             서버 스크립트
|   ├ Name
|   └ ScriptText
└ ScriptText                     클라이언트 스크립트
```

SQL . .

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5.3

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

```
delete col.TextPosition;      //  ()
col.TextPosition = 'end';     //

delete ctl.Visible;           // ()
ctl.Visible = false;          //
```

	`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 .
- . .( )

```
var MARKER = '/* @BULK:myFix */';

if (script.indexOf(MARKER) > -1) {
    log(' ');
    return false;
}
```

5.4

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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 . .
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/	`transform(doc)` `false` .
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	. .

log() .

6.2

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- Dry-Run , .
- ·, .
- .
- `log()` .

6.3

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Dry-Run .

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Bulk Editor **()** .

(Job) , **/** .

ID , .

7.1 /

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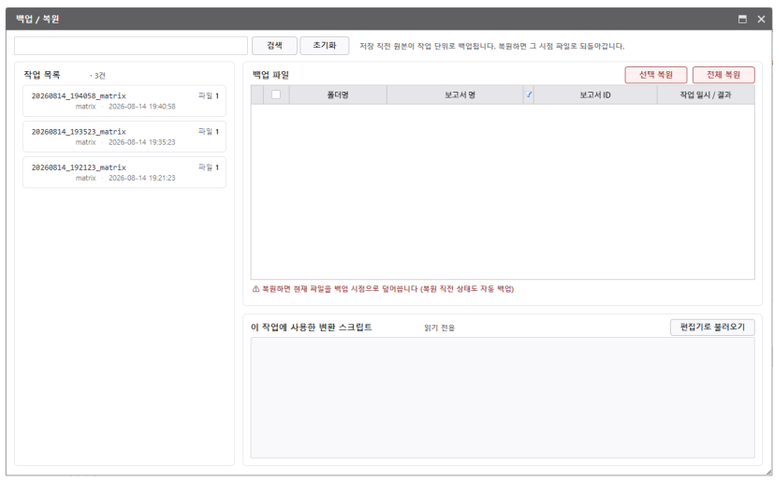

	ID, , , . .
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7.2

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

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i-AUD Designer , .

7.3

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ID **_RESTORE** .

7.4

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, , SQL .

8.1

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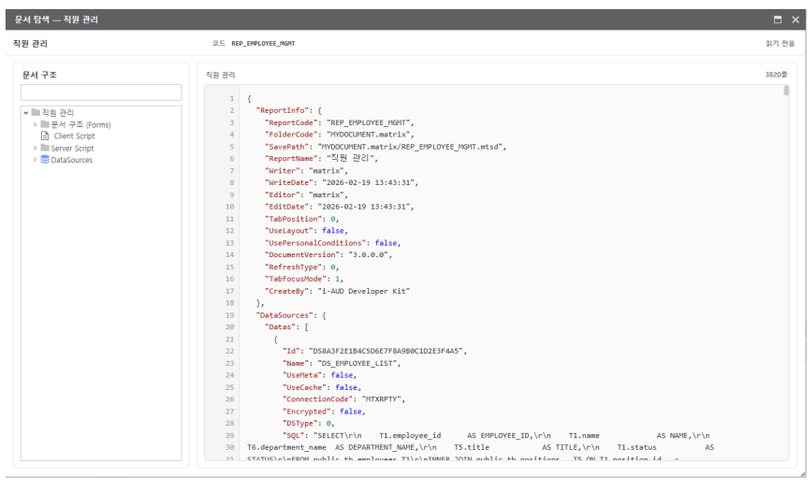

(Forms)	
Client Script	
Server Script	
DataSources	SQL

(Forms) . Group, Tab, TableLayout .

Server Script DataSources SQL .

8.2

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Enter . Enter .

8.3

`transform(doc)` .

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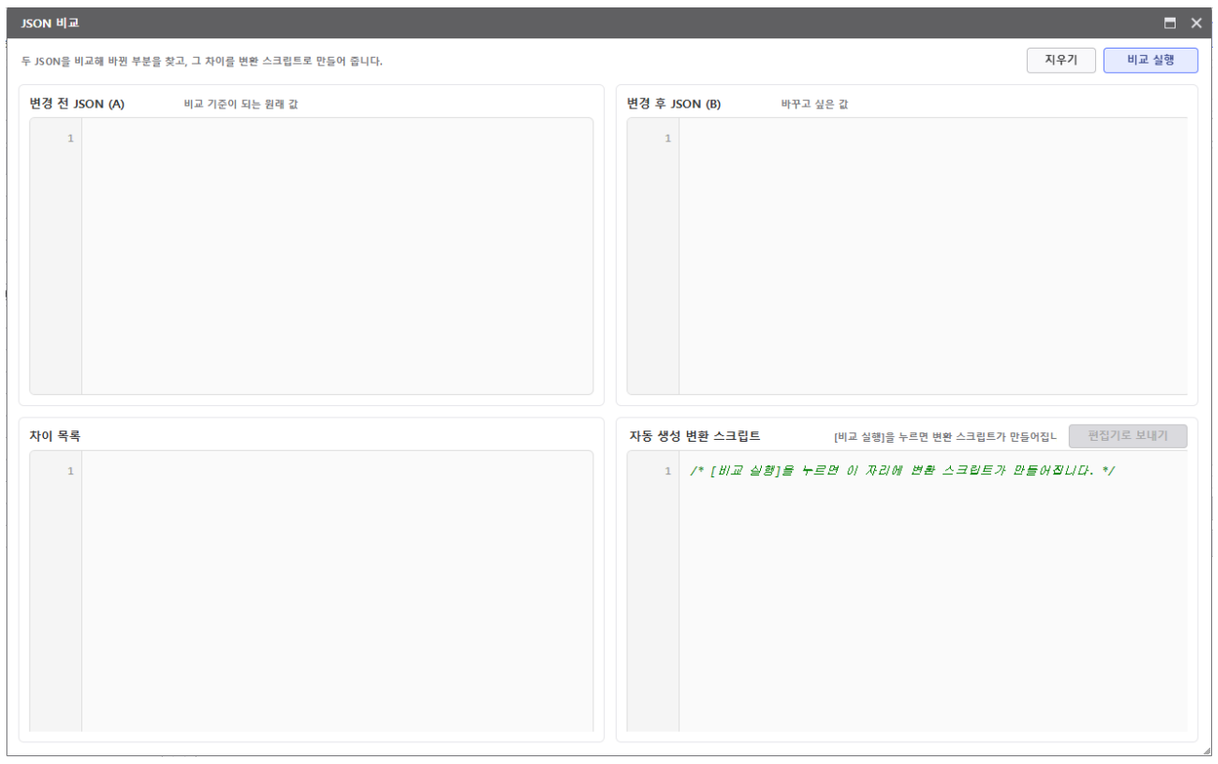
9 JSON

JSON · JSON , `transform(doc)` .

, i-AUD Designer · .



9.1 JSON

JSON(A) **JSON(B)** .

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```
 6  ( 0 /  0 /  6)

Elements[0].Text = "_" => "_()"
Elements[0].Style.Type = 1 => 2
Elements[0].Style.Border.Color.R = 194 => 201
…
```

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- ().
- .
- `delete` .
- .

9.2 Designer

i-AUD Designer · .

1. i-AUD Designer **JSON(A)** .
2. Designer .
3. **JSON(B)** .
4. .
5. .

Designer .

```
/*
       . */
function transform(doc) {
    walkAllControls(doc, function (ctl, form) {
        if (ctl.Type === "Label") {
            ctl.Style.Type = 2;
            ctl.Style.Border.Color.R = 0;
            ctl.Style.Border.Color.G = 0;
            ctl.Style.Border.Color.B = 255;
            log(form.Name + '/' + ctl.Name + ' ');
        }
    });

    return true;
}
```

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`ctl.Type`, `ctl.Name` Dry-Run .

9.3

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Dry-Run .

JSON .

JSON(A) JSON(B) .

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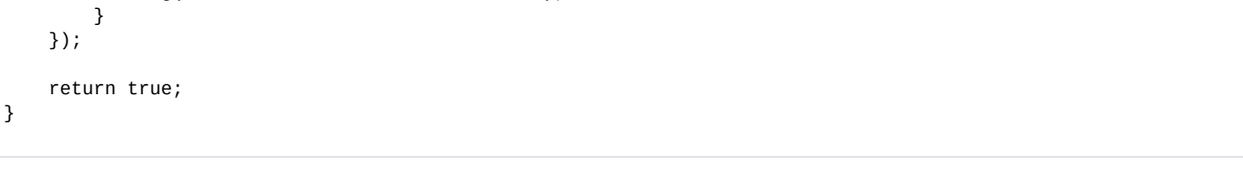
Designer , · JSON .

Label .



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- `transform(doc)`
- `walkAllControls`, `eachOlapField`, `log`
-
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11 FAQ

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`ITEM_NAME` . .

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SQL , .

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. Dry-Run .

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Dry-Run .

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/ `_RESTORE` .

	☐ API Open	☐ UI Open	☐ Read Only	☐ Not Use	☐ Hidden	☐ Not Recommend	☑
	• 7.0.610.20260820-11						