

SQL: Subselect

Enquiry in own or foreign database

Properties

- Type: Lookup
- Groupable: No
- Show in lists: Yes
- Searchable: Yes
- Requires configuration: Yes

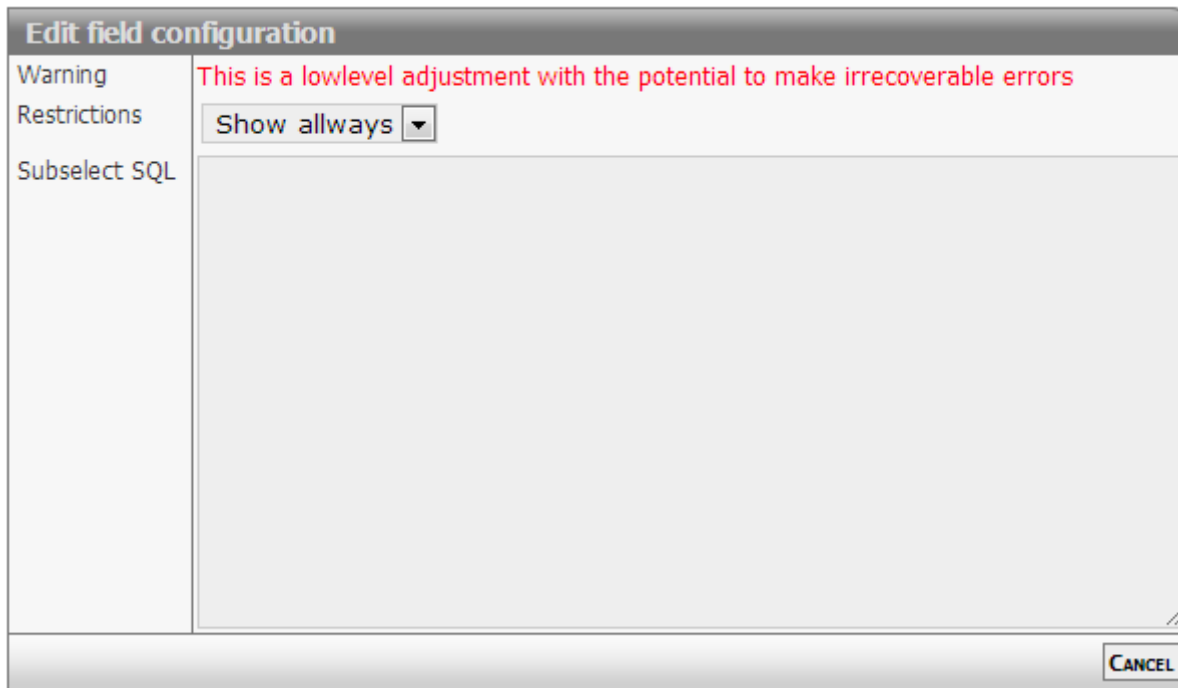
User interface

Field in show mode

[INSERT IMAGE]

Due to its nature this field has no special editing mode.

Configuration



Required:

- SELECT query that returns a single record with a single value in the recordset

Options:

- Restrictions (when to display the value):
 - Always: Single, list and subitem mode
 - Items: Single mode only (hidden in list mode)
 - Lists: List mode only (hidden in single mode)
 - Subitem: Lists displayed in single items (child records)

Notes for usage:

- Values are not cached or stored
- Consider activating INDEX for fields used in WHERE or JOIN clauses

Configuration example 1

Solution setup

Solution "Child items" (system name: "testchild")

* Relation field "owner" (system name: "PARENT").

Solution: "Parent items" (system name: "testparent")

* Date field "starting date" (system name: "DATO")

Business requirement

Display the starting date (system name: "DATO") from the related parent table, linked by the local field owner (system name: "PARENT").

Subselect SQL statement

```
SELECT DATO
FROM data_testparent
WHERE :PARENT = data_testparent.DataID
```

this is the shorthand version for

```
...
WHERE data_testchild.PARENT = data_testparent.DataID
```

Configuration example 2

Solution setup

```
Solution "Example" (system name: "example")
* Status log activated
```

Business requirement

Display the number of state changes for a data item

Subselect SQL statement

```
SELECT CONCAT( COUNT(*), ' transitions')
FROM data_example_statuslog
WHERE data_example_statuslog.DataID = :DataID
```

this is the shorthand version for

```
...
WHERE data_example_statuslog.DataID = data_example.DataID
```

Developer info

- FeltTypeID: 510
- SQL datatype: N/A
- Class name: FieldSubselect

Revision #2

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