

Query design: once a join has two fields, cannot go back to one field.

Joins.odb : Double_Inner_Join - LibreOffice Base: Query Design <@ro...

File Edit View Insert Tools Window Help

	Prenome	Surname	Street	City
▶	Horst	Knopf	Überlinger Str. 17	98765 Hinterwald
	Lisa	Kannich	Marktplatz 3	54321 Hier

Record 1 of 2

Adress

- ID
- Prenome
- Surname
- Street
- City

Name

- ID
- Prenome
- Surname

Field	Prenome	Surname	Street	City
Alias				
Table	Name	Name	Adress	Adress
Sort				
Visible	✗	✗	✗	✗
Function				

2 tables where joined at 2 points. So it looks in the GUI.

And so it looks in SQL. The joins works the right way.

	Prenome	Surname	Street	City
▶	Horst	Knopf	Überlinger Str. 17	98765 Hinterwald
	Lisa	Kannich	Marktplatz 3	54321 Hier

Record 1 of 2

```
SELECT "Name"."Prenome", "Name"."Surname",
"Adress"."Street", "Adress"."City" FROM "Name",
"Adress" WHERE "Name"."Prenome" = "Adress"."Prenome"
AND "Name"."Surname" = "Adress"."Surname"
```

Join Properties <@robby.grosskopf>

Tables involved

Name Adress

Options

Type Inner join

☐ Natural

Fields involved

Name	Adress
Prenome	Prenome
Surname	Surname

Includes only records for which the contents of the related fields of both tables are identical.

OK

Cancel

Help

So the join looks, when you make a double-click on the link between the 2 tables.

The second join should be deleted. It is reset to a empty field.

Join Properties <@robby.grosskopf>

Tables involved

Name Adress

Options

Type Inner join

☐ Natural

Fields involved

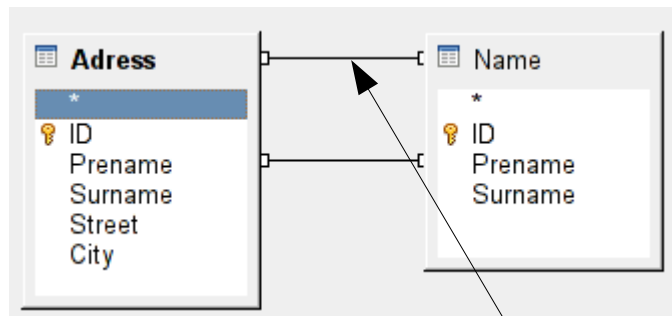
Name	Adress
Prenome	Prenome

Includes only records for which the contents of the related fields of both tables are identical.

OK

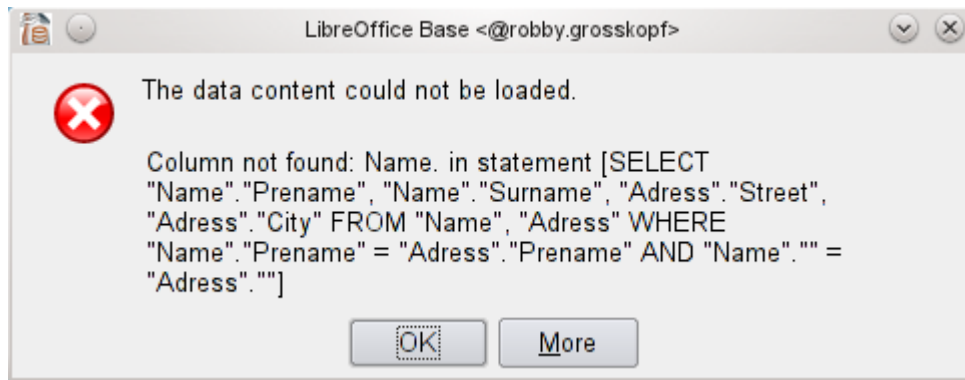
Cancel

Help



Back to the GUI it looks as if the join already exists, but didn't know, which field it has to join. See the line at the top. No fields were joined.

When you execute the query with this join the following popup appears:



```
SELECT "Name"."Prenom", "Name"."Surname",
"Adress"."Street", "Adress"."City" FROM "Name",
"Adress" WHERE "Name"."Prenom" = "Adress"."Prenom"
AND "Name"."." = "Adress"."."
```

Now switch Design-View off. And this is the code it produces. It is searching for fields in "Name" and "Adress", which have no name (".") - that is undefined and wrong.

Only have a look on it – don't touch the code. Switch the Design-View on.

Joins.odt : Double_Inner_Join - LibreOffice Base: Query Design <@ro...

File Edit View Insert Tools Window Help

Address

Prenome	Surname	Street	City
Horst	Knopf	Überlinger Str. 17	98765 Hinterwald
Lisa	Kannich	Marktplatz 3	54321 Hier

Record 1 of 2

Name

ID	Prenome	Surname
1	Horst	Knopf
2	Lisa	Kannich

Field

Field	Prenome	Surname	Street	City
Alias				
Table	Name	Name	Adress	Adress
Sort				
Visible	☒	☒	☒	☒
Function				

The design-view shows a new design of the connection. It has been changed by switching the design-view off and on – nothing else. Query works, but notice the link to nowhere in the design-view.

Resulted code in the SQL-view. Look at the last line. It is unnecessary, but no problem. Right code should look so:

```
SELECT "Name"."Prenome", "Name"."Surname",
"Adress"."Street", "Adress"."City" FROM "Name",
"Adress" WHERE "Name"."Prenome" = "Adress"."Prenome"
AND "Name"."Prenome" = "Name"."Prenome"
```

```
SELECT "Name"."Prenome", "Name"."Surname",
"Adress"."Street", "Adress"."City" FROM "Name",
"Adress" WHERE "Name"."Prenome" = "Adress"."Prenome"
```