

QFQ - Bug #8316

Documentation/Behaviour for Nested Queries and Record-Store confusing

12.05.2019 21:30 - Nicola Chiapolini

Status:	Feedback	Start date:	12.05.2019
Priority:	Normal	Due date:	28.02.2020
Assignee:	Nicola Chiapolini	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Discuss:			

Description

We got hit by a bug in our setup today, caused by the fact that an Store-Variable will remember the previous subquery.

e.g.

Given

Table: persons

```
pid | name
-----+-----
1   | Carsten
2   | Nicola
```

Table: addresses

```
pid | address
-----+-----
1   | foo
```

Then

```
10.sql = SELECT pid AS _pid FROM persons
10.2.sql = SELECT address AS _adr FROM addresses WHERE pid={{pid:R}}
10.3.sql = SELECT {{pid:R}}, {{adr:RE}}
```

prints

```
1 foo
2 foo
```

even though there is no address defined for 2, as `{{adr}}` still contains the result from the last iteration (`pid = 1`). This behavior is mentioned with *The STORE_RECORD will always be merged with previous content*. But it is nevertheless unexpected for a loop - and the example in the documentation is not very helpful either (I still don't understand what the explanation wants to tell me)

So the correct setup is

```
10.sql = SELECT pid AS _pid FROM persons
10.1.sql = SELECT " AS adr
10.2.sql = SELECT address AS _adr FROM addresses WHERE pid={{pid:R}}
10.3.sql = SELECT {{pid:R}}, {{adr:RE}}
```

History

#1 - 14.05.2019 10:30 - Carsten Rose

- Status changed from New to Feedback
- Assignee set to Carsten Rose

Hallo Nicola

Das Verhalten ist in der Tat gewohnungsbeduerftig. Ich werde die Doku anpassen und darauf hinweisen.

Eine etwas kuerze Variante fuer

```
10.sql = SELECT pid AS _pid FROM persons
10.1.sql = SELECT '' AS adr
10.2.sql = SELECT address AS _adr FROM addresses WHERE pid={{pid:R}}
10.3.sql = SELECT {{pid:R}}, {{adr:RE}}
```

waere

```
10.sql = SELECT pid AS _pid, '' AS adr FROM persons
10.2.sql = SELECT address AS _adr FROM addresses WHERE pid={{pid:R}}
10.3.sql = SELECT {{pid:R}}, {{adr:RE}}
```

Das entspricht dann dem 'Best Practice' Variablen immer erst zu initialisieren.

CU
Carsten

#2 - 03.09.2019 17:04 - Nicola Chiapolini

Doku anpassen scheint mir sinnvoll. Habe das eben nachgeschaut und nichts in der Doku gefunden. Hast du das schon erledigt?

#3 - 03.09.2019 17:13 - Carsten Rose

- Assignee changed from Carsten Rose to Nicola Chiapolini

Nein. Wenn Du moechtest darfst Du das gerne machen.

#4 - 04.09.2019 09:33 - Nicola Chiapolini

Habe im Moment kein brauchbares Entwicklungssetup fuer QFQ selbst. Wenn ich dazu komme das wieder aufzusetzen, schaue ich mir auch dieses Ticket noch einmal an.

#5 - 20.11.2019 09:14 - Carsten Rose

- Due date set to 28.02.2020