# D4Science Infrastructure - Support #8354

## Sardara Database - extend maximum characters in labels

May 04, 2017 04:06 PM - Paul Taconet

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|---|---|---|---|---|
| **Status:** | Closed | | **Start date:** | May 04, 2017 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | Massimiliano Assante | | **% Done:** | 100% |
| **Category:** | | | **Estimated time:** | 0.00 hour |
| **Infrastructure:** | Production | | | |

### Description

I would like to extend the maximum number of characters for labels (table names) in the PostgreSQL Sardara database (sardara_world on db-tuna.d4science.org)

As explained here: https://www.postgresql.org/docs/current/static/sql-syntax-lexical.html#SQL-SYNTAX-IDENTIFIERS

"The system uses no more than NAMEDATALEN-1 bytes of an identifier; longer names can be written in commands, but they will be truncated. By default, NAMEDATALEN is 64 so the maximum identifier length is 63 bytes. If this limit is problematic, it can be raised by changing the NAMEDATALEN constant in src/include/pg_config_manual.h."

Could you extend NAMEDATALEN to 100 ?
Thanks,
Paul

### History

**#1 - May 04, 2017 04:28 PM - Massimiliano Assante**

*- Assignee changed from Massimiliano Assante to Lucio Lelii*

reassigning the ticket to Lucio who has more expertise in this type of tasks

**#2 - May 10, 2017 10:22 AM - Paul Taconet**

Hi Lucio,
Did you have the time to check this ticket?
Cheers,

**#3 - May 10, 2017 02:40 PM - Lucio Lelii**

*- Assignee changed from Lucio Lelii to Massimiliano Assante*

Sorry Paul but I know nothing about the sardara DB.
I'm reassigning the ticket to Massimiliano hoping he knows who is in charge of this db.

**#4 - May 10, 2017 03:22 PM - Massimiliano Assante**

*- Status changed from New to In Progress*

Well, i don't think that one should know the  sardara DB schema to do the job. If I understand correctly Paul is asking to increase the maximum number of characters for labels (table names) in the PostgreSQL instance hosting this DB.

To do so, he suggested us to look at the NAMEDATALEN system conf:

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is changing the NAMEDATALEN constant in src/include/pg_config_manual.h. enough @paul.taconet@ird.fr ? 'cause the last time (more than 10 years ago actually) i looked into this things you had to recompile postgres for these changings (reason why I asked Lucio to look for this issue as he's very skilled with postgres)

Anyway, Paul, you sure changing the property would suffice?

**#5 - May 10, 2017 03:35 PM - Andrea Dell'Amico**

Massimiliano Assante wrote:

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Anyway, Paul, you sure changing the property would suffice?

You have to change that value in the include file and then recompile. I don't think we can afford that, we should repackage postgres each time we need to update to fix a security vulnerability.

**#6 - May 10, 2017 03:36 PM - Massimiliano Assante**

*- Status changed from In Progress to Closed*

*- % Done changed from 0 to 100*

So I was remembering well, unfortunately Paul. Sorry, we cannot support your request.