Match Field Lengths

Fluorine+

Version **4.8.13**

By default, whenever a new text field is added to an existing table, the **DataSync Agent** will use **40** for lengths that are **less than 40**. For text fields **greater than 40** in length, it will use the field length from the schema. To enable matching the length of the text fields, add the **<match_field_lengths/>** directive within your **agent.xml** configuration file.

NOTE: This directive will work for new fields only.

Prerequisites

blocked URL First, you will need to set up one of the Perspectium DataSync Agents.

blocked URL You should also stop running your DataSync Agent before making any Agent configuration changes.

Procedure

To match field lengths your DataSync Agent, follow these steps:

1

Access your agent.xml configuration file

Navigate to the directory where you saved your **agent.xml** file when installing your DataSync Agent.

2

Add the <match_field_lengths/> directive

Open your **agent.xml** file in a text editing application. Then, locate the **<task>** directive(s) within your **<subscribe>** directive, and nest the **<match_field_lengths/>** directive.

3

Save your agent.xml

Save the changes you've made to your **agent.xml** and close the file. Your **agent.xml** should look similar to the example shown below:

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
<config>
   <agent>
      <share/>
      <subscribe>
         <task instances="4">
            <task_name>datasyncforservicenow_to_mysql_subscribe</task_name>
            <message_connection password="encrypted:vlOtU71yu8N
/EFIJH85SSBtaIt7qEEfvqiqft9VZyYE=" queue="psp.out.replicator.testqueue" user="admin"
>https://testperspectium.net</message_connection>
            <instance_connection password="encrypted:vlOtU71yu8N/EFIJH85SSPN9aF0P5
/YViVwPEVFcGW4=" user="test.user">https://myinstance.service-now.com</instance_connection>
            <handler>com.perspectium.replicator.sql.SQLSubscriber</handler>
            <decryption_key>The cow jumped over the moon</decryption_key>
            <database_type>mysql</database_type>
            <database_server>localhost</database_server>
            <database_port>3306</database_port>
            <database_user>root</database_user>
            <database_password>encrypted:vlOtU71yu8N/EFIJH85SSMoilKLTeJHQrNZPJ7c5tFU=<
/database_password>
            <database_parms>characterEncoding=UTF-8 & useSSL=false</database_parms>
            <database_column_max_size>251</database_column_max_size>
            <database>psp_repl</database>
            <match_field_lengths/>
         </task>
      </subscribe>
      <max_reads_per_connect>4000</max_reads_per_connect>
      <polling_interval>5</polling_interval>
      <skip_message_set_processing/>
   </agent>
</config>
```

Similar topics

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- Set up DataSync Agent to share to PostgreSQL
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