

Match Field Lengths

Fluorine+

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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:vl0tU7lyu8N
/EFIJH85SSBtaIt7qEEfvqiqt9VZyYE=" queue="psp.out.replicator.testqueue" user="admin"
>https://testperspectium.net</message_connection>
        <instance_connection password="encrypted:vl0tU7lyu8N/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:vl0tU7lyu8N/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

- [Get started with the DataSync for ServiceNow Agent](#)
- [Start/stop the DataSync for ServiceNow Agent](#)
- [Monitoring DataSync Agent logs](#)
- [Set up DataSync Agent to share to PostgreSQL](#)
- [Set up DataSync Agent to share to HP Vertica](#)

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