

[SAP Table][SAP Open Hub]Failed when parsing data, Input string was not in a correct format

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Issue

When preview data or execute copy activity, it failed with the error like "Input string was not in a correct format" or "Failed when parsing data"

Examples:

```
SapRfcClient operation '/SAPDS/RFC READ TABLE2' failed. Error message: 'Error with ASSIGN ... CASTING in program /SAPDS/SAPLRS_BASIS .' Error with ASSIGN ... CASTING in program /SAPDS/SAPLRS_BASIS . Activity ID: xxxxxxxx
```

```
Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Failed when parsing data, parsing va  
at Microsoft.DataTransfer.Runtime.SapRfcHelper.SapRfcUtils.ConvertFromStringCommon(String value, ClrTypeCod  
at Microsoft.DataTransfer.Runtime.SapRfcHelper.SapRfcUtils.ToArrayBasedOnOffset(String source, Int32 column  
...
```

RCA

This error should be caused by SAP RFC which ADF called. When we tried to use the RFC to retrieve the table, by default it will return the data with fixed length format, so ADF will parse the actual data according to the schema metadata which contains the length of each column, however the length in the schema metadata does not match the length of actual data, the actual data may much shorter or longer, which caused the parsing of the data incorrectly.

Resolution

use Copy-> source-> sapDataColumnDelimiter, so that the data will be returned with delimiter and ADF will parse the data according to the delimiter instead of length.

How good have you found this content?

