

# SAP ODP: [HowTo]Repro Issue and collect data in SAP side

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## Issue

When we faced data parsing issue, and would like to repro issue in SAP side and collect Sample data to take a look.

## Steps

1. Follow [https://supportability.visualstudio.com/AzureDataFactory/\\_wiki/wikis/AzureDataFactory/641442/SAP-ODP-HowTo-Check-the-parameter-value-we-passed-to-SAP-system](https://supportability.visualstudio.com/AzureDataFactory/_wiki/wikis/AzureDataFactory/641442/SAP-ODP-HowTo-Check-the-parameter-value-we-passed-to-SAP-system) to collect the parameter we passed to SAP
2. Execute RODPS\_REPL\_ODP\_GET\_DETAIL with the parameter value we saw in the SHIR log, then collect the data in ET\_FIELDS.

Import parameters	Value
I_SUBSCRIBER_TYPE	RSODP_ODATA
I_CONTEXT	SAPI
I_ODPNAME	ZSOURCEDEMO
Export parameters	Value
E_SUPPORTS_FULL	X
E_SUPPORTS_DELTA	X
E_SUPPORTS_REALTIME	
E_DISPLAY_NAME	ZSOURCEDEMO
E_SEMANTICS	F
E_FATHER_NODE	REPLICATION
E_CONTENT_VERSION	
Tables	Value
IT_LANGU	0 Entries
Result:	0 Entries
ET_FIELDS	0 Entries
Result:	6 Entries
ET_TEXTS	0 Entries
Result:	5 Entries
ET_SEGMENTS	0 Entries
Result:	0 Entries
ET_DELTAMODES	0 Entries
Result:	1 Entry
ET_ADDITIONAL_INFO	0 Entries
Result:	15 Entries
ET_RETURN	0 Entries
Result:	0 Entries

3. Execute RODPS\_REPL\_ODP\_OPEN with the parameter value we saw (**besides the value of Subscriber process, we need to use a new subscriber process name to avoid any issue**) in the SHIR log, get the value of ET\_POINTER:

Import parameters	Value
I_SUBSCRIBER_TYPE	RSODP_ODATA
I_SUBSCRIBER_NAME	ADFTEST
I_SUBSCRIBER_PROCESS	ADFSUBTEST
I_SUBSCRIBER_RUN	
I_CONTEXT	SAPI
I_ODPNAME	ZSOURCEDEMO
I_EXTRACTION_MODE	F
I_MAXPACKAGESIZE	0
I_RECOVERY_POINTER	
I_EXPLICIT_CLOSE	
I_DELTA_EXTENSION_NO_DATA	
I_REALTIME	

  

Export parameters	Value
E_POINTER	{2022-07-19 05:18:13 000023 CET}
E_DELTA_EXTENSION	

  

Tables	Value
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4. Execute RODPS\_REPL\_ODP\_FETCH with the pointer, then collect the ET\_DATA

Import parameters	Value
I_POINTER	{2022-07-19 05:18:13 000023 CET}
I_PACKAGE	
I_REDO	
I_MAXPACKAGESIZE	52428.800
I_ENCODING	UTF-8

  

Export parameters	Value
E_PACKAGE	20220719031952.000004000
E_NO_MORE_DATA	

  

Tables	Value
ET_DATA	0 Entries
Result:	3 Entries
ET_RETURN	0 Entries
Result:	0 Entries

5. Share the data in ET\_FIELDS and ET\_DATA to engineer team.