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Bug 5979

Error when calling .NET WS Target using datastore object 20 April, 2021

Edit   Marco Meoni
30 January, 2021

Product:	PowerBuilder	Category:	Runtime	OS:
Version:	2019 R3	Build:	2670	Windows 10
Classification:	Appeon bug	Publishing:	Private	Platform:
Priority:	P3			64-bit
Status:	Closed	Reason:	FIXED	Database Type:
				Database Version:

Mark Lee @Appeon 20 April, 2021   #11 ↩

```
Hi Marco,

Glad to hear that. We will close this ticket!
If you have any further question, please open a new ticket.

Regards,
Mark Lee
```

Marco Meoni 20 April, 2021   #10 ↩

```
Thank you, problem solved.
.m
```

Mark Lee @Appeon 20 April, 2021   #9 ↩

Hi Marco,

Good news that PowerBuilder 2019 R3 MR (build 2703) is available
for download. The issue you reported has been fixed in this
release. Please download and install it to verify the issue you
reported and let us know if any problems. You can get the
installer from our Downloads portal at
https://account.appeon.com/download/2019 (login required).

We welcome all feedback from you!

Regards,
Mark Lee

Mark Lee @Appeon 04 March, 2021   #8 ↰

Hi Marco,

Yes, this issue will be fixed in the next PB 2019 R3 MR version.

Regards,
Mark Lee

Marco Meoni 03 March, 2021   #7 ↰

Hi Armando,
the workaround fixed the issue, you can close the ticket.
Is it going to be included in next PB build?
Best,
.m

---

armando.herrera 03 March, 2021   #6 ↰

Hi Marco,

I would like to check with you if the response provided has been
helpful enough to resolve your case. If so, can we proceed to
close the ticket?. Otherwise, please let us know if we can
provide you with any further assistance.

Please remember you can always open another ticket any time you
need it.

Regards!

Mark Lee @Appeon 08 February, 2021   #5 ↰

🔗 Sybase.PowerBuilder.DataWindow.Interop.dll
(/standardsupport/attachment?id=7156)

Hi Marco,

The development team has fixed the issue regarding the WS
functionality.
Please follow the steps below to verify it:
1. Add the runtime installation path (default path: C:\Program
Files (x86)\Appeon\Common\PowerBuilder\Runtime 19.2.0.2670) and
PB IDE installation path (default path: C:\Program Files
(x86)\Appeon19\PowerBuilder 19.0\IDE) to the System Path
variables of the Windows.
2. Please replace the Sybase.PowerBuilder.DataWindow.Interop.dll
in two places separately (default path: C:\Program Files
(x86)\Appeon19\PowerBuilder 19.0\DotNET\bin and
C:\Windows\Microsoft.NET\assembly\GAC_32\Sybase.PowerBuilder.Dat
aWindow.Interop\v4.0_19.0.0.0__6e9b5029db92175f) with this
attached one.
Please back up your old file before replacing them. (If it fails
to replace the file, you need to restart the computer and then
replace them directly. Please don't open PB IDE or publish an
application before you successfully replace the related files.)

After that please restart the computer and redeploy your WS
project and see if it works on your side.

We also suggest that you verify if it has any impact on other WS
functions.

Regards,
Mark Lee

Marco Meoni 07 February, 2021   #4 ↩

🔗 interop.png (30KB) (/standardsupport/attachment?id=7148)

Hello,
for completeness, Im posting below a simple PB .NET WS target,
that was working up to PB 2019 R2, but is broken with R2 with
attached error when called from whatever client (PB
SoapConnection, PB HttpClient, PS AppeonWSComponent).
Sybase.PowerBuilder.Interop.dll is available under C:\Program
Files (x86)\Appeon\PowerBuilder 19.0\DotNET\bin but not
resolved.
Any temporary workaround?
Best,
.m

```
// NVO method deployed as PB .NET WS
SQLCA.DBMS = "ODBC"
SQLCA.AutoCommit = False
SQLCA.DBParm = "ConnectString='DSN=PB Demo DB
V2019R3;UID=dba;PWD=sql'"
CONNECT Using sqlca;
lds = CREATE Datastore
lds.DataObject = 'd_employee'
li_rc = lds.SetTransObject(SQLCA)
li_rows = lds.Retrieve()
DESTROY lds
DISCONNECT Using sqlca;
Return li_rows
```

Marco Meoni 05 February, 2021   #3 ↩

Hello,
additional info:
besides missing datastore dependency, also interop is not
resolved (sybase.powerbuilder.interop.dll).
A .NET WS built from 2017 R3 can load this DLL from (for
example) C:\Program Files (x86)\Appeon\PowerBuilder
17.0\DotNET\bin.
Same .NET WS built in 2019 R3 cannot find C:\Program Files
(x86)\Appeon\PowerBuilder
19.0\DotNET\bin\sybase.powerbuilder.interop.dll.
In short, as long a deployed .NET SOAP WS does simple things,
all is ok.
As soon as you connect to a DB, instance a transaction object or
declare a datastore, core DLLs are not found.
Best,
.m

Mark Lee @Appeon 01 February, 2021   #2 ↩

Hi Marco,

Thanks for reporting this problem! We reproduced it on our end
and will do further research to figure it out. We will keep you
updated!
And unfortunately, we don't have a feasible workaround for this
currently.

Regards,
Mark Lee

Marco Meoni 30 January, 2021   #1 ↩

📎ws.png (1106KB) (/standardsupport/attachment?id=7075)

∗Phenomenon:
I know .Net WS Targets are obsolete but I still need to maintain
one.
Moved it to PB 2019 R3 and failing to call the .NET WS.
Some debug and what is causing the error is actually missing
dependency when hitting these lines (see attached error)

Datastore lds
lds = CREATE Datastore

Provided that PBDWM150.dll doesnt exist (wrong hardcoded name in
PB runtime?), previous working installation based on PB 2017 R3
has WS depending on PBDWM170.dll (countercheck: quick rename of
PBDWM170.dll and same WS runtime error).
PB 2019 R3 comes with generic PBDWM.dll.

Just to clarify, I am running and calling the WS from a DEV
machine, i.e. full PB 2019 R3 is installed.

Maybe deployed .NET WS target cannot find DLL because
traditional PB "shared" folder has now become "common" ?
How to fix? Any solution — even a quick&dirty copy of missing
dependencies under WS webroot c:\inetpub\wwwroot\myws — would be
welcome.
Thanks,
Marco

Marco Meoni

(File size limit: 21504 KB; **Attachments shall contain mock data only, no real data.**)

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