# [Data Source Environment Variables in Power Platform](https://www.youtube.com/watch?v=BFGcXSAgawM)

[Data Source Environment Variables in Power Platform Solutions - SharePoint](https://www.youtube.com/watch?v=BFGcXSAgawM) by [Reza Dorrani](https://www.youtube.com/c/RezaDorrani/about)

[#PowerApps](https://www.youtube.com/hashtag/powerapps) [#PowerAutomate](https://www.youtube.com/hashtag/powerautomate) [#Solutions](https://www.youtube.com/hashtag/solutions)

**Microsoft Documentation:**

[Environment variables overview](https://docs.microsoft.com/en-us/powerapps/maker/data-platform/EnvironmentVariables)

**Table of Contents:**

[00:00](https://www.youtube.com/watch?v=BFGcXSAgawM&t=0s) - Introduction

[00:45](https://www.youtube.com/watch?v=BFGcXSAgawM&t=45s) - Create solution and add components (Power Apps, flows)

[04:33](https://www.youtube.com/watch?v=BFGcXSAgawM&t=273s) - Create a Power App in solution

[04:50](https://www.youtube.com/watch?v=BFGcXSAgawM&t=290s) - Enable Canvas App to store environment variables when connecting to SharePoint as data source

[08:06](https://www.youtube.com/watch?v=BFGcXSAgawM&t=486s) - Create Power Automate flow in solution

[08:33](https://www.youtube.com/watch?v=BFGcXSAgawM&t=513s) - Use data source variables in Power Automate flows

[11:54](https://www.youtube.com/watch?v=BFGcXSAgawM&t=714s) - Export a solution from development environment

[15:57](https://www.youtube.com/watch?v=BFGcXSAgawM&t=957s) - Import a solution into production environment

[17:08](https://www.youtube.com/watch?v=BFGcXSAgawM&t=1028s) - Set environment variables when importing solution

[19:40](https://www.youtube.com/watch?v=BFGcXSAgawM&t=1180s) - Subscribe to Reza Dorrani channel

## [00:00](https://www.youtube.com/watch?v=BFGcXSAgawM&t=0s) – Introduction

[00:00](https://www.youtube.com/watch?v=BFGcXSAgawM&t=0s) - Introduction

## 00:45 - Create solution and add components (Power Apps, Cloud flows)

[00:45](https://www.youtube.com/watch?v=BFGcXSAgawM&t=45s) - Create solution and add components (Power Apps, flows)

## 04:33 - Create a Power App in solution

[04:33](https://www.youtube.com/watch?v=BFGcXSAgawM&t=273s) - Create a Power App in solution

## 04:50 - Enable Canvas App to store environment variables

[04:50](https://www.youtube.com/watch?v=BFGcXSAgawM&t=290s) - Enable Canvas App to store environment variables when connecting to SharePoint as data source

Enable **Automatically create environment variables when adding data sources**

Computergenerierter Alternativtext:
Power Apps 
New 
Open 
Account 
Connections 
Flows 
Settings 
Save 
Save as 
Share c3 
Collections 
Media 
Variables 
Close 
Settings 
Name + Icon 
Change the name, icon, arZ description 
Screen Size + orientation 
Change the aspect ratio and orientation 
Advanced settings 
Change the preview & experimental 
feature settings 
Search 
Advanced settings 
Data row limit far non-delegable queres 
All 
Set hcw man,)' rcws re-.rieved from serv,'er-bised ccnnecticns where 
delegeticn is not suppcrted_ 
Value: 
Imprcve data Source Experience and Microsoft Dataverse views 
the ne'.v dite Electicn feture_ For Micrcscft Ditaverse, 
Ere prcv.'ideå also Microscf-. Views fcr 
filtering_ You must first rarncve existing Microsoft deta scurces 
before ycu can toggle this fei'.ura ahis cp-.icn des not work With the 
Windows Peyer) 
Debug published app 
Fublish debug informaticn With This app expressicns and 
Edditicne' infcrmiticn displayed in mcnitcr tccl when 
debugging Your publiihed lI ycu cr disztle this feture, save end 
publish Your for i: tc effect 
Off 
Automatically create environment variables when adding data sources 
the *Ltomitic creticn cf environment vEriEE21es when conrpecting tc 
dety Environment variables allcw ycu scurces within scluticns_ 

Search for **SharePoint** connector

Computergenerierter Alternativtext:
Data 
Search 
+ Add date v 
SharePoint 
Add a connection 
SharePoint 
i@CATsysDEMow-n 
SharePoint 
x 

**Connect to SharePoint site**

Computergenerierter Alternativtext:
Dev Space (Do Not Delete) 
4- Connect to a SharePoint Site 
Enter the SharePoint URL for the Locatlon of Your list. 
Learn more 
Connect 
Recent Sites 
8 
dvanced 
Search 
ServiceDeskTest - https://catsysdemo.sharepoi... 
ServiceDesk - https•//catsysdemo.sharepointco... 

Or **select Environment variables, previously created for data source SharePoint**

Computergenerierter Alternativtext:
Dev Space (Do Not Delete) 
e- Connect to a SharePoint Site 
Enter the SharePoint URL for the Location of Your list 
x 
Learn more 
Connect 
Recent Sites 
Advanced 
Connect using an existing environment variable. @ 
Search 

After selecting SharePoint site, **select from Lists or Libraries** and **Connect**

Computergenerierter Alternativtext:
Dev Space (Do Not Delete) 
4- Choose a list 
Search 
x 
Lists 
Advanced 
Documents 
Tickets 
Enter custom table name 

**auto creates 2 new Data Source Environment Variables** - one for the SharePoint site and one for the SharePoint list

Computergenerierter Alternativtext:
Dev Space (Do Not Delete) 
4- Environment variable 
Environment variables will be automatically 
generated to store information about this date 
source. 
New environment variables @ 
Site 
ServiceDeskTest - https://catsysdemo.sharep... 
List 
Tickets 

Computergenerierter Alternativtext:
4-4 
Data 
Search 
—4— Add date v 
Tickets 
Shi .pcimt - 
One or more environment variables wer— created, Manage the 
x 
here 

Click on **Manage them here** will redirect to previously created **Solutions** in Power Apps Maker Portal

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New v Add existing v 
Solutions ) Service Desk 
Display name v 
Delete 
Export 
p Search 
Publish all customizations 
Name 
Type v 
ServiceDeskTest - https://ca sysdemo.sharepoint.com/s... 
Tickets 
new_shared_sharepointonline 785a1f9083Sb41038494b2b96a Environment variable 
new_shared_sharepointonline fe442f14aB7a4cd1 b36a1aS8aa2 Environment variable 

## 08:06 - Create Power Automate flow in solution

[08:06](https://www.youtube.com/watch?v=BFGcXSAgawM&t=486s) - Create Power Automate flow in solution

After creation of the Power App, add a new **Cloud flow** to trigger on newly added list items to the **Solution** with flow trigger **"When a new item is created"**

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New v Add existing v 
App 
Dashboard 
Table 
Environment variable 
Cloud flow 
Desktop flow 
Report 
Knowledge search filter 
Delete 
Solution Component Attribute Configuration 
Solution Component Configuration 

## 08:33 - Use data source variables in Power Automate

[08:33](https://www.youtube.com/watch?v=BFGcXSAgawM&t=513s) - Use data source variables in Power Automate flows

Instead of choosing Site and List from dropdown, select **Add a custom item**

Computergenerierter Alternativtext:
*Catapult 
Home 
Action items 
My flows 
Create 
Templates 
Connectors 
Data 
Power Automate 
Untitled 
p Search for helpful resources 
When an item is created 
Site Address 
List Name 
Select an item 
+ Adda c tom item 
Add a custcm item 
Show advanced options p Sea rch 

In **Dynamic content** section

C:\C78C0EE5\DDFC42AB-4AFA-414B-B1D1-4B823A1B76B6-Dateien\image011.png

Select previously created **Data Source Environment Variable** from the **Parameters** (renamed to **Environment Variables** any tiume soon) dropdown menu

Computergenerierter Alternativtext:
Add a custom item 
Site Address 
Insert a dynamic value 
Dynamic Value 
earch content from previous steps 
Parameters 
ServiceDeskTest - https://catsysdemo.sharepoint.com/sites/ServiceDeskTest 
Tickets 
Should the Peek Button 8e Show—d 
x 
x 
Learn more 

Confirm with **OK**

Computergenerierter Alternativtext:
Add a custom item 
'Site Address 
ServiceDeskTest - https://cetsysdemo.sharepoint.com/sites,"ServiceDeskTest X 

Repeat for **SharePoint list** selection

Computergenerierter Alternativtext:
When an item is created 
• Site Address 
List Name 
Custom value 
Select an item 
+ Add a custom item 
Show advanced options 
p Search 
Tickets 
d8323cf3-bfdO-4Sb3-a870-ce7gb95c26d1 

Computergenerierter Alternativtext:
Add a custom item 
List Name 
Insert a dynamic value 
Dynamic Value 
Search content from previaus steps 
Parameters 
x 
Learn more 
ServiceDeskTest - 
Tickets 
https://catsysdemo.sharepoint.com/sites/ServiceDeskTest 
Should the Peek Button Showed 

Now you can choose columns from the List via Dynamic Content section

Computergenerierter Alternativtext:
Send an email (V2) 
12 • B 
Subject 
Body 
Dynamic Value 
Reza Dorrani 
New ticket created 
Font 
1 
9 
x 
Learn more 
Insert a dynamic value 
earch content from previous steps 
Parameters 
ServiceDeskTest - 
T ickets 
https://catsysdemo.sharepoint.com/sites/ServiceDeskTest 
Should the Peek Button Showed 
When an item is created 
Title 
Issue description 
Describe the issue 
Priority Value 

Furthermore, you can also simply add the **Data Source Environment Variables**

Computergenerierter Alternativtext:
Send an email (V2) 
12 • B 
x 
Subject 
Dynamic Value 
Reza Dorrani 
New ticket created 
Font 
ø 
Title X 
1 
x 
x 
Learn more 
Issue description X 
ServiceDeskTest - 
Insert a dynamic value 
Search content from previous steps 
Parameters 
ServiceDeskTest - https://catsysdemo.sharepoint.com/sites/ServiceDeskTest 
Should the Peek Button Show—d 
When an item is created 

Upon **Save**, the **Cloud flow** will become part of the **solution**

Computergenerierter Alternativtext:
12 • B 
Notify when ticket created 
When an item is created 
Send an email 0/2) 
Save 
Subject 
Reza Dorrani 
New ticket created 
Font 
ø 
Title X 
1 
9 
x 
Issue description 
ServiceDeskTest - 
https://catsysdemo.sharepoint.com/sites/Serv'iceDeskTest 
Tickets X 
Show advanced options v 

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
I Solutions 
Power Apps 
+ New —+- Add existing 
Solutions ) Service Desk 
Display name 
Service Desk App 
Delete 
Export 
AO Search 
Publish all customizations 
Name 
Type 
Canvas Epp 
ServiceDeskTest - https://catsysdemo.sharepoint.com/s... 
Tickets 
78Sa1f90B3Sb41038494b2b96a Environment varieble 
new_shared_sharepointonline fe442f14aB7a4cd1b36a1aS8aa2 Environment variable 
Currently creating a new cloud flow 
When you're done creating the new cloud flow, Click 
Done below to return to the page. This will refresh the 
page and fetch Your changes. 

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New v -+- Add existing v 
Solutions ) Service Desk 
Display name v 
Service Desk App 
Delete 
Export 
AC) Search 
Publish all customlzations 
Name 
Type v 
Canvas app 
ServiceDeskTest - https://c.tsysdemo.sharepoint.com/s... 
Tickets 
Notify when ticket created 
new_shared_sharepointonline 78Sa1f90835b41038494b2b96a Environment variable 
new_shared_sharepointonline fe442f14aB7a4cd1 b36a1a68aa2 Environment variable 
Notify when ticket created 
Clou d flow 

In the **Apps** section, **Play** the app and create a new list item

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
I Apps 
-4- 
Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
4— New app v Import canvas app 
Search 
All apps 
Modified 
3 min ago 
8 mo ago 
Owner 
Reza Dorrani 
Reza Dorrani 
Apps 
Apps 
o 
Component librarles (preview) 
Name 
Servic Desk AQQ 
Expenses App 

Cloud flow triggers on newly created list item and sends mail notification with list values and the two **Data Source Environment Variables**

Computergenerierter Alternativtext:
v 
v 
Outlook 
New message 
Favorites 
In box 
Sent Items 
Drafts 
Add favorite 
Folders 
Inbox 
Drafts 
2 
2 
o 
Search 
Delete Archive 
Focused Other 
Reza Dorrani 
New ticket created 
Junk v 
Sweep Zl Move to v Q Categorize v 
@ Snooze v 
f) Undo 
Filter v 
6:22 AM 
New ticket created 
O This message was sent With Low importance 
Reza Dorrani 
Mon 4/26/2021 6:22 AM 
To: Reza Dorrani 
New laptop 
new laptop request 
https•//catsysdemo.sharepoint.com/sites/ServiceDeskTest 
d8323cf3-bfdO-45b3-a870-ce79b95c26d1 
New laptop new laptop request https://catsysdemo.s... 
Reply 
Forward 

You can add new and also **add and import pre-existing components** that are not part of the **Solution**

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New v 4— Add evisting v 
Solutions ) Service Desk 
Display name v 
Service Desk App 
App 
Dashboard 
Dialog 
Table 
Environment variable 
Cloud flow 
Search 
ServiceDeskTest - https://c, Desktop flow 
Process 
Tickets 
Report 
Notify when ticket created 
Al Model 
Knowledge search filter 
Solution Component Attribute Configuration 

## 11:54 - Export a solution from development environment

[11:54](https://www.youtube.com/watch?v=BFGcXSAgawM&t=714s) - Export a solution from development environment

Add component requirement dependency via the **Power App's ellipsis menu > + Add required components**

*ensures that any required components, currently not part of the Solution, will be added automatically as well*

Computergenerierter Alternativtext:
Solutions Service Desk 
Display name v 
Service Desk App 
ServiceDeskTest - https://catsysdemo.sharepoint.com/s... 
Tickets 
Notify when ticket created 
Name 
new_servicedeskapp_c58 
Remove 
Edit 
Play 
Share 
Add to Teams 
Monitor 
Settings 
Details 
Add required components 
Show dependen es 
See solution layers 

Computergenerierter Alternativtext:
Add Required Components. 
This will add all the required components of the selected 
component into the solution. This may not detect 
required components referenced in custom code. 
OK 
Cancel 

Repeat same procedure for **Cloud flow ellipsis menu > + Add required components**

Computergenerierter Alternativtext:
Notify when ticket created 
Notify when ticket created 
Remove 
Edit 
See Analytics 
Details 
Turn off 
eUo 
Add requir 
mponents 
Managed properties 
Show dependencies 
See solution layers 

Automatically **adds the Cloud flow's connections as Connection Reference** components **to** the **Solution**

Computergenerierter Alternativtext:
Solutions ) Service Desk 
Name 
new_shared_sharepointonline 78Sa1f9083Sb41038494b2b96a 
v_sha red_sharepointonli ne_fe442f14a87a4cd 1 b36a 1 a68aa2 
More Commands 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
Type v 
Canvas app 
Environment variable 
Environment variable 
Cloud flow 
Connection Reference (preview) 
Connection Reference (preview) 
O 
Display name v 
Service Desk App 
ServiceDeskTest - https://c.tsysdemo.sharepoint.com/s... 
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 

Before exporting the Solution to another environment, remove currently set value for the SharePoint site URL and SharePoint list GUID

Therefore, from the **Data Source Environment Variable's ellipsis menu**, choose **Edit**

Computergenerierter Alternativtext:
ServiceDeskTest - https://catsysdemo.sharepoint.co... 
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
new shared_sharepointo 
Remove 
Add required components 
Managed properties 
Show dependencies 
See solution layers 

In the **Current (site) value**'s **ellipsis menu** …

Computergenerierter Alternativtext:
Current Site value 
Override the default Value b)' setting the current Value 
for ycur environment 
Current Site 
SemiceDeskTest - https://catsysd.„ v 
(D Remove this Value before exporting if it 
shouldn•t be used in ather environments 

… choose **Remove from this solution**

Computergenerierter Alternativtext:
Current Site 
SemiceDeskTest - https://catsysd.„ v 
Remove frcm this solution 
(D Remove this va 
shouldn•t be u: 
Delete from this environment 

Current value was removed from the solution but can be added back in

Computergenerierter Alternativtext:
Current Site value 
Override the default Value by setting the current Value 
for Your environment. 
(D The current Value 
s removed from the 
solution but can be added back in 

***DO NOT choose Delete from this environment (otherwise data source link to Test site is lost)***

Computergenerierter Alternativtext:
Current Site value 
Override the default Value b/ setting the current Value 
for Your environment 
Current Site 
SemiceDeskTest - https://catsysd.„ v 
Remove from this solution 
O Remove this va 
shouldn•t be u: 
Delete fro 
is environment 

Repeat same steps for SharePoint list Data Source Environment Variable

Computergenerierter Alternativtext:
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
new shared_sharepointol 
Edit 
Remove 
Add required components 
Managed properties 
Show dependencies 
See solution layers 

Keep the **Site** connection untouched and only remove the **current list value**

Computergenerierter Alternativtext:
Parameter Type * 
List 
Site * 
SemiceDeskTest - https://catsysdemo.s.. 
Current list value 
Override the default Value b)' setting the current Value 
for ycur environment 
Current list 
Tickets 
Remove from des solution 
(D Remove this va 
shouldn•t be u: 
Delete from this environment 

Computergenerierter Alternativtext:
Edit Tickets 
Q) Removed components successfully. 
use this variable to store information about an 
app or flow. lts values can be updated as it 
moves to different environments. Learn more 

Computergenerierter Alternativtext:
Parameter Type * 
List 
Site * 
ServiceDeskTest - https://catsysdemo.s... 
Current list value 
Cn.'erride the default Value by setting the current Value 
for Your environment. 
G) The current Value was removed from the 
solution but can be added back in 

Upon completion, **Export solution**

Computergenerierter Alternativtext:
Power Apps 
-4— New v -4— Add existing v Delete 
Successfully added required component(s). 
Solutions Service Desk 
Display name v 
Service Desk App 
port 
p Search 
Publish all customizations 
Name 
new_shared_sharepointonline 78Sa1f9083Sb4103B494b2b96a 
new_shared_sharepointonline fe442f14a87a4cd1b36a1aS8aa2 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
ServiceDeskTest - https://c.tsysdemo.sharepoint.com/s... 
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 

Computergenerierter Alternativtext:
Before you export 
Publish all changes 
x 
Close 
lI you made changes to this solutlon tnat 
you'd like to export, publish them now. 
Learn more 
Publish 
Check for issues 
You haven't checked this solution yet. We 
recommend running the solution checker 
to rule out performance and stability 
issues. Learn more 

First **Publish all changes** to *ensure all changes are published to Solution prior to Export*

Computergenerierter Alternativtext:
Publishing all custamizations... 

Upon **Publishing** completed, press **Run** to **Check for issues** and press **Next**

Computergenerierter Alternativtext:
Before you export 
Publish all changes 
lI you made changes to this solution that 
you'd like to export, publish them now. 
Learn more 
@ Published 
Check for issues 
You haven't checked this solution yet. We 
recommend running the salution checker 
to rule out performance and stability 
issues. Learn more 

**Export solution** with provided version number either as

**Managed solution (recommended for production and test environments)**

*i.e.: no changes can be made to components of the solution unless specified and configured in those components' settings*

C:\C78C0EE5\DDFC42AB-4AFA-414B-B1D1-4B823A1B76B6-Dateien\image041.png

or

**Unmanaged solution (move to another development environment)**

*i.e.: user can make any changes to components of the solution*

Computergenerierter Alternativtext:
Export this solution 
Version number* O 
Current Version 1.000 
1 
.o.o.l 
Export as 
@ Managed (recommended) O 
The solution is moving to a test or 
productlon environment. Learn more 
O Unmanaged 
The solution is moving to another 
development environment or source 
control. Learn more 

Click **Export**

Computergenerierter Alternativtext:
Cancel 
Export 

Computergenerierter Alternativtext:
(D Currently exporting solution "Service Desk". 
Successfully added required component(s). 
Solutions Service Desk 

Upon completion of the export, solution zip file will be available in your device's Downloads folder

Computergenerierter Alternativtext:
ttps://make.powerapps.com/environments/8894aee5-f037-4b4a-80d7-012e96d20c3c/solutions/be6f97e1 
-7fa6- 
ebll- 
bi ac-OOOd3a3164c1# 
Downloads 
ServiceDesk I C O I managed.zip 
opvl file 
See more 
Power Apps 
p Search 
-4— New v + Add existing v Delete Export Publish all customizations 
Solution "Service Desk" exported successfully and will download soon. 
Successfully added required component(s). 

## 15:57 - Import a solution into production environment

[15:57](https://www.youtube.com/watch?v=BFGcXSAgawM&t=957s) - Import a solution into production environment

Switch to **Production** environment

Computergenerierter Alternativtext:
Environment 
Reza Dorrani 

Press **Import** in **Solutions** menu

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New solution 
Solutions 
Display name 
'mport 
tl Open AppSource 
p Search 
Publish all customizations 
Name 
Cf Switch to classic 
Ü) See history 
Version 
120.64 
120.64 
10.0.12 
10.012 
100.0 
Created 
4/17/2021 
4/17/2021 
4/16/2021 
4/16/2021 
4/16/2021 
4/16/2021 
Power Apps Checker Base 
Power Apps Checker 
Contextual Help Base 
Contextual Help 
Common Data Services Default Solution 
Default Solution 
msdyn_PowerAppsC... 
msdyn_PowerAppsC... 
msdyn_ContextuaIH... 
msdyn_ContextuaIH... 
Crebele 
Default 

Browse previously exported solution zip file

Computergenerierter Alternativtext:
Import a solution 
Environment 
Producticn 
Select a file 
Browse for the solution file to import. 
No file chosen 
Close 

Press **Next** to import solution file

Computergenerierter Alternativtext:
Cancel 

See details of the imported solution

Computergenerierter Alternativtext:
Import a solution 
Environment 
Producticn 
Details 
Name 
SemiceDesk 
Type 
Managed 
Publisher 
Reza Dorrani 
Version 
l.o.o.l 
Patch 
No 
Advanced settings 

Resume **Next**

Computergenerierter Alternativtext:
C ancel 
Next 

Define the appropriate **Connection references**

Computergenerierter Alternativtext:
Import a solution 
Environment 
Producticn 
C_) Refresh 
Connections 
Re-establish connections to activate Your soluticn. If you create a connection you must Refresh. You will not lose 
Your import Progress. 
2 updates needed 
Office 365 Outlook • 
new sharedoffice365 fad5e 
SharePoint • 
new sharedsharepointonline 
demo-reza.dorrani@CATSYSDEMO.com 
demo-reza.dorrani@CATSYSDEMO.com 
16638 

Resume **Next**

Computergenerierter Alternativtext:


## 17:08 - Set environment variables when importing solution

[17:08](https://www.youtube.com/watch?v=BFGcXSAgawM&t=1028s) - Set environment variables when importing solution

Define the appropriate **Data Source Environment Variables**

Computergenerierter Alternativtext:
Import a solution 
Environment 
Producticn 
Environment Variables 
Enter information for each field, so Your app Works properly. You can edityour environment variables later. 
I updates needed 
ServiceDeskTest - https://catsysdemo.shar... 
SharePoint 
Select SharePoint Site 
new_shared sharepointonline 78531008356... 
Tickets 
SharePoint 
Select SharePoint list 
new shared_sharepointon'ine fe442f14a87a4. 

Select desired **Production SharePoint site**

Computergenerierter Alternativtext:
ServiceDeskTest - https://catsysdemo.shar... 
ServiceDeskTest 
ServiceC 
SharePoint 
new shared sharepointonline 785a 
SharePoint 
-8- fe442f14a87a4... 

Finally, press **Import**

Computergenerierter Alternativtext:
Imnrt 
Cancel 

*This triggers the import of the managed solution into production environment*

*Values set in Data Source Environment Variables will automatically be applied to (= replaced in) all Apps and Cloud flows, when utilizing them*

***no need to change - simply ready to go to use Apps and Cloud flows*** 

Computergenerierter Alternativtext:
(D Currently importing Solution "Service Desk". 
Solutions 

Computergenerierter Alternativtext:
Solution "Service Desk" imported sucressfully. 

Computergenerierter Alternativtext:
Solutions ) Service Desk 
Display name v 
Service Desk App 
ServiceDeskTest - https://c.tsysdemo.sharepoint.com/s... 
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
Name 
Type v 
Canvas app 
Environment variable 
Environment variable 
Cloud flow 
Connection Reference (preview) 
Connection Reference (preview) 
Managed externally? 
n ew 
n ew 
n ew 
servicedeskapp_cS8a9 
shared_sharepointonline 78Sa1f9083Sb41038494b2b96a 
sha red_sharepointonli ne_fe442f14a87a4cd 1 b36a 1 a68aa2 
Notify when ticket created 
Office 365 Outlook 
SharePoint 

[18:10](https://youtu.be/BFGcXSAgawM?t=1090) - Data Source Environment Variable for SharePoint site of imported solution in Production environment is still the Test SharePoint site

*The Data Source Environment Variables seem to be updated upon first utilization of the Apps and Cloud flows (after consent to the required permissions of the Connector References, right?  
see* [Values set in Data Source Environment Variables will automatically be applied to (= replaced in) all Apps and Cloud flows when utilizing them](onenote:#Data%20Source%20Environment%20Variables%20in%20Power%20Platform&section-id={85FFB389-9915-4997-910B-6422D0EE3DB6}&page-id={D37998FB-65CE-4A55-B720-74675DFB5453}&object-id={561B1F31-F3AF-4697-918F-9A9DD527042F}&D1&base-path=https://d.docs.live.net/ae99dd403ad955df/Dokumente/Persönlich%20(Web)/Power%20Platform%20ALM.one)

[19:25](https://youtu.be/BFGcXSAgawM?t=1165) *- even after utilizing the Power App / Cloud flow in the production environment, the SharePoint site name is not updated*

[…] A moment in the video, that especially grasped my attention was at [**18:10**](https://www.youtube.com/watch?v=BFGcXSAgawM&t=1090s) where I noticed that the Data Source Environment Variable for SharePoint site of the imported solution in Production environment is still stating the Test SharePoint site name - ServiceDeskTest - and probably also site URL. Earlier in the video, you mentioned that the values set in the Data Source Environment Variables are applied to (= updated/replaced in) all Apps and Cloud flows when utilizing them. After allowing / consenting the required permissions of the Connector References, you played/run the App. However, at [**19:25**](https://www.youtube.com/watch?v=BFGcXSAgawM&t=1165s), i.e. after utilizing the Power App / Cloud flow in the production environment's solution, the Data Source Environment Variable Display name and Name (containing GUID) is still not updated, e.g. "ServiceDeskTest". Minor issue. Lessons learned: Name the the SharePoint lists / libraries identical. For the SharePoint site Display name, I prefer different names like in your demo to better distinguish the different environments. However, I would prefer if the Display name of the Data Source Environment Variable would update upon utilization of the Apps/Cloud flows. At first sight, this caused me some confusion and needed some time to recap and let your previous explanations sink in. ;)

Aus <<https://www.youtube.com/watch?v=BFGcXSAgawM>>

**Play / Run App**

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
I Apps 
Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
+ New app v 
Import canvas app 
p Search 
All apps 
Modified 
48 sec ago 
I wk ago 
Owner 
Reza Dorrani 
SYSTEM 
Apps 
Apps 
o 
Component libraries (preview) 
Name 
Servi Desk AQQ 
Solution Health Hub 

Allow / consent SharePoint connector permissions in order to update the solution's Connector Reference components

Computergenerierter Alternativtext:
A most there 
Service Desk App needs Your permission to use the following. Please allow the 
permissions to proceed. 
SharePoint 
demo-reza.dorrani@CATSYSDEMO.com 
Signed in View permissians 
Allo 
Switch account 
Don't Allow 

App is now pointing to the Production SharePoint site and (empty) SharePoint list

Computergenerierter Alternativtext:
Tickets 
Q.x Search items 

Add new list item

Computergenerierter Alternativtext:
X Tickets 
* Title 
Access Card 
Issue description 
need access card 
Priority 
Find items 
Status 
Find items 
Assigned to 
Find items 
Date reported 
4/26/2021 

Computergenerierter Alternativtext:
ServiceDesk 
+ New 
Tickets 
Issue v 
Access Card 
Home 
Documents 
Pages 
Tickets 
Site contents 
Edit 
Status 
Issue description v 
need access Card 
Priority v 

And also the Production Cloud flow triggers with the appropriate Data Source Environment Variables

Computergenerierter Alternativtext:
v 
v 
New message 
Favorites 
In box 
Sent Items 
Drafts 
Add favorite 
Folders 
Inbox 
Drafts 
Sent Items 
o 
Delete 
Focused 
Archive 
Other 
Junk 
Sweep Move to v Q Categorize v 
@ Snooze v 
T) Undo 
Filter v 
640 AM 
6:39 AM 
New ticket created 
(D This message was sent With Low importance 
Reza Dorrani 
Mon 4/26/2021 6:40 AM 
To: Reza Dorrani 
Access Card 
need access Card 
https://catsysdemo.sharepoint.com/sites/ServiceDesk 
43f708e2-56f4-414f-b828-9f37a82cb6aa 
Reza Dorrani 
New ticket created 
Access Card need access Card 
Reza Dorrani 
) New ticket created 
Access Card need access Card https://catsysdemo.sha... 
Reza Dorrani 
New ticket created 
6:39 AM 
Reply 
Forward 
Access Card need access Card https://catsysdemo.sha... 
Reza Dorrani 
) New ticket created 
6:22 AM 
New laptop new laptop request https://catsysdemos... 

Computergenerierter Alternativtext:
*Catapult 
Home 
Learn 
Apps 
+ Create 
Data 
Flows 
Chatbots 
Al Builder 
Solutions 
Power Apps 
AO Search 
Environment 
Production 
Managed externally? 
+ New v + Add existing 
Delete Export Publish all customizations 
You cannot directly edit the components within a managed solution. If the managed properties for solution components are set to allow customization, you can edit them from another unmanaged solution. 
Solutions ) Service Desk 
Display name v 
Service Desk App 
ServiceDeskTest - https://c.tsysdemo.sharepoint.com/s.. 
Tickets 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
Name 
new_shared_sharepointonline 78Sa1f9083Sb41038494b2b96a 
new_shared_sharepointonline fe442f14a87a4cd1b36a1a68aa2 
Notify when ticket created 
Office 365 Outlook 
SharePoint 
Type v 
Canvas app 
Environment variable 
Environment variable 
Clou d flow 
Connection Reference (preview) 
Connection Reference (preview) 

Major improvement of ALM (= Application Lifecycle Management) capabilities of solutions working with SharePoint Online as a data source