Duicksted

A D D I T I O N A L D O C U M E N T A T I O N

Introduction to SAPUI5

Course: S32 - SAPUI5

Unit: 04 - SAP WebIDE

Quick: S32-04-99 - Personal WebIDE

Discontinuation of Cloudplattform NEO by SAP

Relatively surprisingly, an announcement came from SAP at the beginning of September 2020, discontinuing the cloud platform NEO for the trial variants of the SAP offerings. The cut-off date (as of Sept. 13, 2020) is Nov. 13, 2020, when NEO will be completely shut down.

One consequence of this discontinuation was that new trial users were no longer allowed to access the NEO platform, and that thus the WebIDE inside the NEO platform is no longer available. However, users with productive / licensed (paid) access still can work with SAP WebIDE. Although these restrictions have been relaxed somewhat, access to the SAP WebIDE via the SAP Cloud platform is still quite difficult.

As an alternative, SAP offers a tool called **SAP Business Application Studio (BAS)** in the CloudFoundry platform. This is a completely new development of the web-based development environment, which is reminiscent in parts of the "old" WebIDE. However, based on experience to date (as of 09/13/2021), this product is still unstable, non-functional and overloaded with functions. The use for learning SAPUI5 is from our side still not recommended.

Instead, a somewhat slimmed down version of WebIDE can be downloaded, installed and configured as **SAP WebIDE Personal Edition** from SAP. This document describes the necessary procedure. With the Personal Edition, running your Quicksted course *S32 - Introduction to SAPUI5* is straightforward and requires no changes.

Documentation for Non-Windows-Hardware

- For a Mac there is documentation by SAP: <u>https://docplayer.net/20610363-H2g-install-sap-web-ide-locally-for-trial-mac-version.html</u>
- For **Linux** there is no documentation known to us.

Download of the necessary software

Two downloads are required to do the installation. One is the SAP WebIDE itself. You can find it at

https://tools.hana.ondemand.com

nn the SAPUI5 tab. On this page, scroll down a bit and click on the download link (see figure below).

SAP Development Tools	×	+										
← → C 🔒 tools.ha	na.ondema	and.com/#sa	pui5									
SAP Development Tool	s											
HOME ABAP BW	CLOU	JD CLO	UD INTEGRATION	HANA	IDM	ML FOUNDATION	MOBILE SAPUI5					
SAP Web IDE Personal	Edition	Undated: I	December 4, 2018									
SAP Web IDE is a web-base	d tool that	enables vou t	o create and extend end u	ser applicatio	ns for b	prowser and mobile devices.						
It simplifies the end-to-end application lifecycle: development, build, deployment, and customer extensions for SAPUI5 and SAP Fiori applications to fulfill end user requ												
SAP Web IDE personal edition	on is intend	ed as a comp	elementary IDE. It is to be i	nstalled on a	person	al workstation for off-line dev	velopment by a single developer only.					
To start developing application Download the ZIP file and the	To start developing applications with SAP Web IDE personal edition: Download the ZIP file and then follow the installation instructions in the 'SAP Web IDE personal edition' chapter of the <u>documentation</u> .											
Scope of the release:												
 The SAPUI5 template 	s now sup	port SAPUI5	version 1.52.									
 Views that use SAPU 	15 version '	1.52 can be o	pened in the Layout Editor									
 The OVP and ALP ter 	mplates ha	ve been upda	ted to version 1.10.3 which	h includes the	e follow	ing features:						
 Provision to s 	elect resiza	ble layout										
 A new sequer 	ice of steps	o for the Crea	te New Card wizard									
 The possibility 	of using th	ne Add KPI fe	ature if the system contain	ing the proje	ct also (contains SAP Smart Busines	s services					
Annotation Modeler h	as been up	dated to inclu	ude the following features:									
 Enhanced sco 	pe of supp	orted vocabu	laries and annotation term	s								
 A new Annota 	tion Modele	er section in t	he project settings									
 The ability to 	annotate lo	cal service da	ata using Annotation Mode	ler								
 New user inter 	rface and u	isability featu	res									
The Personal Edition can b	e used for	the followin	g purposes:									
			51 1		_							
Trial Use - for test a Note: The SAP Web	nd evaluat IDE privacy	ion (non-pro	ductive scenarios). as been updated.									
For more information	see the SA	P Web IDE 1	rial Personal Edition Priva	<u>cy Statement</u>								
Operating System	Version	File Size	Download									
Mac OS (>9)	1.53.9	847.0 MB	Download Link (sha1)		_							
Windows 32 bit	1.53.9	833.0 MB	Download Link (sha1)		_							
Windows 64 bit	1.53.9	833.0 MB	Download Link (sha1)									
Productive Use - for	customer	s with a paid	I subscription to SAP We	b IDE on SA	P Clou	d Platform.						
Operating System	Version	File Size	Download									
Mac OS (>9)	1.53.9	847.0 MB	Download Link (sha1)									
Windows 32 bit	1.53.9	833.0 MB	Download Link (sha1)									
Windows 64 bit	1.53.9	833.0 MB	Download Link (sha1)									

The SAP WebIDE has been tested for installation on a 64-bit Windows operating system.

The SAP WebIDE is delivered with SAPUI5 versions 1.38.0, 1.44.0 and 1.52.0 by default. At the time of writing this document, version 1.93.0 is active, the course works with version 1.60.0. Since version 1.60 is accompanied by numerous changes, in particular with the asynchronous processing of JavaScript programs, at least this version should also be made available to the SAP WebIDE Personal Edition. This document therefore describes the additional installation of this version 1.60.30 (30 denotes the latest patch level) and the most current version 1.93.0 as of today (09/13/2021).

The necessary sources for the SAPUI5 versions can be found in the same tab directly under the SAP WebIDE Personal Edition section. Whether the Software Development Kit (SDK) or just the runtime version is used is ultimately irrelevant. This document uses the SDK.

SA	🚩 SAP D	evelopment	Tools								
	HOME	ABAP	BW CL	OUD CLC	UD INTEGRATION	HA	NA IE	M	ML FOUNDATION	MOBILE	SAPUI5
	SAPUI5 F	Runtime / S	SAPUI5 SE	<mark>ok</mark>							
	Use SAPUI For each ve	5 to develop ersion you ca	modern ente n choose be	erprise-ready we tween two differ	b apps, responsive to all ent download packages:	devices	and runn	ing on tl	ne browser of your choice.	The provided	l downloads ar
	• The	Runtime dov	vnload conta	ains everything n	eeded to create and run a	a SAPL	II5 app				
	• The	SDK downlo	ad also inclu	ides the comple	te documentation and sar	nples a	s a web p	age to d	eploy on your own server		
-	To install S		ed as follow	9							
	- Dev	in one, proce	eu us ionom	5							
	 Extr 	act the zinne	d file to the	root directory of	your local web server						
	- 280	act the zippe	a me to the	oot anectory or	your local web server						
4	Available S	APUI5 versio	ns and their	maintanance st	atus can be reviewed <u>here</u>	<u>e</u> .					
	Compone	nt Version	File size	Download	Show old version	ns					
	Runtime	1.81.0	179.3 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.80.2	177.7 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.79.2	175.4 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.78.7	169.0 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.77.2	166.7 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.76.1	164.9 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.75.7	163.5 MB	Download Link	(<u>sha1</u>)						
	Runtime	1.74.1	146.3 MB	Download Link	(<u>sha1</u>)						
	Runt		B	Download Link	(<u>sha1</u>)						
	Runt Co	mponent	SDK B	Download Link	(<u>sha1</u>)						
	R t we	iter unten	В	Download Link	(<u>sha1</u>)						
	Runtime	1 65 16	174.9 MB	Download Link	(<u>sha1</u>)						

For further processing, the SAP WebIDE and the SDKs for versions 1.60.30 and 1.93.0 must therefore be downloaded.

Also Java at least in version 1.7 is required. If necessary, this must be downloaded and installed beforehand.



Installation of SAP WebIDE Personal Edition

The downloaded zip file must first simply be unpacked into a prepared folder.

Attention! Some of the files exceed the limited length of file names allowed by Windows. It must be ensured that the unpacker can handle long file names!

Attention! The unpacking process can take up to 20 minutes, depending on the working environment, because nearly 160,000 files have to be unpacked.

Name	Eigenschaft	en von eclipse
 eclipse sap-webide-personal-edit sap-webide-personal-edit 		eclipse
	Typ: Typ: Ort: Größe: Größe auf Datenträger: Inhalt:	Dateiordner D:\Program Files Own\Programming\SAPWebIDE_1 2,40 GB (2.587.466.044 Bytes) 2,76 GB (2.965.676.032 Bytes) 158.017 Dateien, 21.884 Ordner



Starting the SAP WebIDE Personal Edition

The SAP WebIDE Personal Edition is started by executing the executable *orion.exe* in the installation folder.

Programming SAPWebIDE_1.53.9 eclipse			
Brennen Neuer Ordner			
A	×	-	
Name	Anderungsdatum	Тур	Größe
Configuration	18.09.2020 12:24	Dateiordner	
📔 features	18.09.2020 12:21	Dateiordner	
🔑 p2	18.09.2020 12:21	Dateiordner	
🔑 plugins	18.09.2020 12:24	Dateiordner	
artifacts.xml	03.12.2018 15:26	XML-Datei	26 KB
💷 eclipsec.exe	03.12.2018 15:19	Anwendung	18 KB
🖉 orion.exe	03.12.2018 15:19	Anwendung	306 KB
ini orion.ini	03.12.2018 15:26	Konfigurationsein	1 KB

The console window that pops up afterwards is the central element of the software. It must remain open during the entire runtime. Closing this window will automatically stop SAP WebIDE Personal Edition.

😴 D:\Program Files Own\Programming\SAPWebIDE_1.53.9\eclipse\orion.exe
- Propagating INFO level on Logger[org.eclipse.orion.server.config] onto the JU
13:08:40,751 H-INFO in ch.gos.logback.classic.joran.action.RootLoggerAction - Se
13:08:40,751 -INFO in ch.qos.logback.classic.jul.LevelChangePropagator@183d1a6c - Propagating WARN level on Logger[ROOT] onto the JUL framework 13:08:40,751 -INFO in ch.gos.logback.core.joran.action.AppenderRefAction - Atta
ching appender named [STDOUT] to Logger[ROOT] 13:08:40,751 -INFO in ch.qos.logback.classic.joran.action.ConfigurationAction -
End of configuration. 13:08:40,752 I-INFO in ch.qos.logback.classic.joran.JoranConfigurator@290f60d6 - Registering current configuration as safe fallback point
2020-09-18 13:08:40.776 [Component Resolve Thread (Bundle 47)] INFO org.eclipse .orion.server.config - No server configuration file found at: D:\Program Files O wn\Programming\SAPWebIDE 1.53.9\eclipse\orion.conf
2020-09-18 13:08:40.781 [Component Resolve Thread (Bundle 47)] INFO org.eclipse .orion.server.config - No server configuration file found at: D:\Program Files O wn\Programming\SAPWebIDE 1.53.9\eclipse\serverworkspace\orion.conf
2020-09-18 13:08:40.808 [Component Resolve Thread (Bundle 47)] INFO org.eclipse .orion.server.config - Loaded simple metadata store (version 8).
2020-09-18 13:08:40.817 [Component Resolve Thread (Bundle 47)] WARN org.eclipse
rion.events.uri

Most of the error messages in this window are negligible and need not be pursued further.

Access to the development environment can be obtained via the link

http://localhost:8080/webide/index.html

Orion Login Page	× +								22
\leftarrow \rightarrow C (i) localhost:8	3080/mixloginstatic/LoginWindow.html?r	edirect=http%3	\$	•		0 🔞	*	θ	:
							,	ົງ	-
		Have	e an acc	ount? Sig	in in:				
		•	8	Ç					
	\sim								
		Nee	d an acc	ount?					
code	e.everywhere = true;	Cre	ate a new	account					
		_							
	┛┕┖								

An account must now be created.

Create an account	
quicksted	
•••••	
•••••	
info@quicksted.com	
Cancel	qu

Username and password are mandatory. An eMail must be provided, but will never be used. A fake address (like aaa@bbb.cc) is accepted.



After logon, the familiar WebIDE screen appears.

	SAP We	b IDE 🗙	+											•	
~	\rightarrow C	i localhost:8080/	/webide/index.html				07	☆ 🕝	•	0	0	8	*	θ	:
File	Edit	Run Deploy Search	View Tools Help							quic	ksted	Fee	dback	Log	gout
畲															
													_		
<u>ت</u>		Hi quicksted! Welcome to SAP	Web IDE			What's New									
		What's New			Open my workspace		1								
		Create a Project													
		Ĉ‡				(i)									
		Quick Start with Layout Editor	New Project from Template	New Project from Sample Application	New Extension Project	Helpful Links									
						Heipiul Links									
		Import an Applica	sapuis abap	SAP Cloud	Clone from Git	SAP Web IDE Ho SAP Web IDE Do Ask a Question o SAP Fiori Design SAP Web IDE SI SAPUI5 SDK Tutorials	omepage ocument on SAP C n Guidelii DK	e ation Communi nes	ty						
			керозіоту	r rauoini	repository										

User administration

A user administration (especially for resetting passwords) can be realized by a (fix given) additional administration user. For this, a file *orion.conf* must be created with a text editor, for example in the same folder as *orion.exe* (there are some other possible locations, but this will do).

One line is entered in this file:

```
orion.auth.admin.default.password=admin1234
```

This entry sets for the (as mentioned fixed) administration user admin the password to admin1234.

A profile editor can then be called up:

http://localhost:8080/profile/user-list.html

as s	AP Web IDE	×	💄 Man	age Users	×	+											
~ ·) G ()	localhost:8080/pr	rofile/user	r-list.html				0-7	☆	٢	e	0	0	31	*	θ	:
≡																	.
ø	Create User	Find User													N	ext Pa	ige >
\Diamond	User Name		Acti	ons		Full Name	Last	Login			I	Disk Us	age				
	admin		×	Change Password		Administrative User	18.9.2	020, 13:39:01									
	quicksted		×	Change Password		quicksted	18.9.2	020, 13:21:59									
*																	

Integration of further SAPUI5 versions

The two downloaded files (with the different versions) must be temporarily unpacked into different directories in each case. To avoid the restriction due to the file name length, it is a good idea to do this in directories that are as short as possible, e.g. C:\60. After the installation these directories can of course be deleted.

\bigcirc	⊳ ↓ Computer → Volume (D:) → 60			
Datei Be	earbeiten Ansicht Extras ?			
Organisi	eren 🔻 In Bibliothek aufnehmen 💌 Freigeben für 👻 Brennen	Neuer Ordner		
4 *	Name	Änderungsdatum	Тур	Größe
	퉬 content	18.09.2020 13:50	Dateiordner	
	📔 discovery	18.09.2020 13:50	Dateiordner	
	📕 docs	18.09.2020 13:50	Dateiordner	
	📙 downloads	18.09.2020 13:50	Dateiordner	
	\mu js	18.09.2020 13:50	Dateiordner	
	🔋 resources	18.09.2020 13:50	Dateiordner	
	📗 test-resources	18.09.2020 13:50	Dateiordner	
Ξ	🕛 theme	18.09.2020 13:50	Dateiordner	
	🃔 versioninfo	18.09.2020 13:50	Dateiordner	
	oustomize.html	19.08.2020 08:15	Firefox HTML Doc	3 KB
	🧧 demoapps.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	📄 developer_license.txt	19.08.2020 08:15	Textdokument	13 KB
	September 2015	19.08.2020 08:31	Firefox HTML Doc	4 KB
	oxplored_v1.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	📄 favicon.ico	19.08.2020 08:31	IrfanView ICO File	188 KB
	onExplorer.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	🧧 index.html	19.08.2020 08:31	Firefox HTML Doc	2 KB
	ondex_v1.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	legal_agreement_with_privacy.html	19.08.2020 08:31	Firefox HTML Doc	4 KB
	opatchinfo.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	releasenotes.html	19.08.2020 08:31	Firefox HTML Doc	1 KB
	Search.html	19.08.2020 08:31	Firefox HTML Doc	6 KB
	oversioninfo.html	19.08.2020 08:31	Firefox HTML Doc	6 KB
	📜 zz_sapui5-sdk-1.60.30.zip	18.09.2020 13:46	WinRAR-ZIP-Archiv	456.352 KB

Of these files, only the two folders *resources* and *test-resources* are interesting. All other folders and files can be deleted.

es Own → Programming → SAPWebIDE_1.53.9 → eclipse → plugins → c	om.sap.webide.orionplugin_1	.53.9 🕨 ui5 🕨	
ben für ▼ Brennen Neuer Ordner			
Name	Änderungsdatum	Тур	Größe
1.38.37	18.09.2020 12:21	Dateiordner	
J.44.12	18.09.2020 12:21	Dateiordner	
J.44.39	18.09.2020 12:21	Dateiordner	
1 52 13	18 09 2020 12:21	Dateiordner	
J.60.30	18.09.2020 15:17	Dateiordner	
1.81.0	18.09.2020 15:17	Dateiordner	
an neo-app.json	03.12.2018 15:15	JSON-Datei	2 KB

In the WebIDE directory shown above, two new folders must now be created, whose names correspond to the two versions [here: 1.60.30 and 1.81.0]

The content of the temporary (unpack) directories must then be moved to their respective

UIC

ster

folders in the SAP WebIDE directory. (Although some sources say that this only has to be done with the two folders resources and test-resources, in this example installation there were startup problems without the other files! To be on the safe side, please do so!)



In the *ui5* directory above the version directories there is a file *neo-app.json*. This must be informed about the newly added versions. For this purpose, two new entries must be written into the *routes* object analogous to the existing ones.

"routes": [
{	
"path": "/",	
"target": {	
"type": "service",	
"name": "sapui5",	
"version": "1.44.12",	
"preferLocal": true	
},	
"description": "SAPUI5 1.44.12"	
},	
{	
"path": "/1.38.37",	
"target": {	
"type": "service",	
"name": "sapui5",	
"version": "1.38.37",	
"preferLocal": true	
},	
"description": "SAPUI5 1.38.37"	
},	
{	
"path": "/1.44.39",	
"target": {	
"type": "service",	
"name": "sapui5",	
"version": "1.44.39",	
"preferLocal": true	
},	
"description": "SAPUI5 1.44.39"	
}.	

{
"path": "/1.52.13",
"target": {
"type": "service",
"name": "sapui5".
"version": "1.52.13".
"preferLocal": true
1
"description": "SADUT5 1 52 13"
LESCRIPTION . SAFOIS 1.52.15
<u> </u>
1
"path": "/1.60.30",
"target": {
"type": "service",
"name": "sapui5",
"version": "1.60.30",
"preferLocal": true
},
"description": "SAPUI5 1.60.30"
},
{
"path": "/1.81.0",
"target": {
"type": "service".
"name": "sapui5".
"version": "1.81.0".
"preferLocal": true
1
"description", "SADUITS 1 91 0"
1 aescription . "SAPOIS 1.01.0"
1
1

In some Internet sources (including the one below) the Maven version is also being rewritten to a more current one (here the 1.60.30). Whether this has or will have an impact on the SAP WebIDE is, however, disputed.

The new existing versions should also be announced to the SAPUI5 templates within the SAP WebIDE. The necessary configuration file can be found here:

Programming +	ming SAPWebIDE_1.53.9 eclipse plugins com.sap.webide.orionplugin_1.53.9 ui5templates					
Brennen	Neuer Ordner					
Name		*		Änderungsdatum	Тур	Größe
谢 versionove	rview.json			03.12.2018 15:15	JSON-Datei	1 KB

The two new versions are to be entered in the *versionoverview.json* file. The order plays a role insofar as it determines the order in the dropdown list for the versions within the templates. The order below was therefore deliberately chosen so that version 1.60 is the first to appear in the list.

```
"versions": [
  {
         "version": "1.60.*",
         "support": "Maintenance",
         "eom": "Q4/2021"
  }.
  -{
    "version": "1.81.*",
    "support": "Maintenance",
    "eom": "08/2020"
  1.
  {
    "version": "1.52.*",
    "support": "Maintenance",
    "eom": "Q4/2020"
  1.
  -{
    "version": "1.44.*".
    "support": "Maintenance",
    "eom": "Q4/2019"
  },
  {
    "version": "1.38.*",
    "support": "Maintenance",
    "eom": "Q3/2018 (via UI add-on V2 until Q2/2020)"
  -}
1
```

At least one source suggests setting the property *maxAge* of the property *cacheControl* to zero in the *neo-app.json* file already used above, and then stopping and starting the SAP WebIDE. Then set the value back to the default 31536000 (365 days in seconds) and stop and start again. This should have influence on the CacheBuster functionality in interaction with SAP NetWeaver accesses. [For a definition of the CacheBuster mechanism, see sources below.] However, it could not be ensured that this interrelationship actually exists. This intervention certainly does no harm, which is why it should be performed. At the end of this procedure the SAP WebIDE should be running in the console window.

Template Selection	Basic Informati	on Data Connection	Annotation Selecti	on > Template Cus	tomization > Confirmati	ion >
New List Re Template Sele	port Appl ection	ication				
Search	٩	Category Featured	Sort By	cently used \sim	SAPUI5 Version	~
List Report App	lication	SAP Fiori Master-Detail Application	SAP Fiori Wor Application	klist	SAPUI5 1.60 SAPUI5 1.81 SAPUI5 1.52 SAPUI5 1.44	
					SAPUI5 1.38	

Finally, the cache of the browser used must be cleared and the SAP WebIDE then called up. When creating a new project via *New -> Project from Template*, the available versions should be listed in the first screen in exactly the same order as they were previously defined in the *versionoverview.json* file.

Einrichten von Deploy- und Datendestinationen

In the SAP WebIDE, the CloudConnector ensures that there is a connection between the SAP Cloud and the customer's network for deployment and data supply purposes. However, the CloudConnector cannot be connected to the SAP WebIDE Personal Edition, as this requires functionalities of the SAP Cloud Cockpit that cannot be accessed.

Instead, there is a mechanism that reads the required data from a file in the SAP WebIDE installation directory and makes it available to SAP WebIDE in this way. This file must have the same name as the SAP system to be connected and must be stored in the installation directory under

..\eclipse\config_master\service.destinations\destinations

If these directories do not exist, they must be created.

The contents of this file must be the following:

#ServiceDestination
Description=System NPL
Type=HTTP
TrustAll=true
Authentication=NoAuthentication
Name=NPL
sap-client <mark>≈001</mark>
ProxyType=Internet
URL=https\://localhost\:8022
WebIDEUsage=odata_abap,ui5_execute_abap,dev_abap
WebIDESystem=NPL
WebIDEEnabled=true

Or - for easy copying:

#ServiceDestination Description=System NPL Type=HTTP TrustAll=true Authentication=NoAuthentication Name=NPL sap-client=001 ProxyType=Internet URL=https\://localhost\:8022 WebIDEUsage=odata_abap,ui5_execute_abap,dev_abap WebIDESystem=NPL WebIDEEnabled=true

Highlighted in yellow above are the individual settings that need to be customized for a custom SAP system (SID, client, HTTP access). Marked in blue are the purposes that must be specified according to Quick *S32-05-02 - CloudConnector configuration*.

Attention! Testing the correct setup of the destinations only makes sense if you know from Unit S32-04 - SAP WebIDE how to set up a SAP WebIDE project.

To test the correct setup, a project should already be created. For this project an oData service must be defined via the context menu:: *New -> OData-Service*.

File	Edit Run Deploy	Search Vi	ew Tools	Help	
俞	CA Save Run i	ndex.html	~ 📎	*= =>	
	^	8 © 88			
	🗁 Workspace				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	🗁 HelloWorld				
563	🗁 webapp	New	>	File	Ctrl+Alt+N
	🔁 controller	Import	>	Folder	Ctrl+Alt+Shift+N
	🔁 css	Export		Project from Template	Ctrl+Alt+Shift+O
	🕂 i18n	Cut	Ctrl+X	Project from Sample App	plication
	→ model	Сору	Ctrl+C	Quick Start with Layout	Editor
		Paste	Ctrl+V	Extension Project	Ctrl+Alt+Shift+E
	index.html	Rename	F2	OPA Page	
	🗐 manifest.js	Delete	Delete	OPA Journey	
	.project.json	Run	>	QUnit Test	
	neo-app.jsor.	Git	>	OData Service	
		Deploy	>	SAPUI5 View	
		Project Setting	-	Annotation File	
		Pofrach	y~		
		Reliesh			

In the next screen, the entry *Service Catalog* is selected in the *Sources* box and then the destination defined by file is selected in the drop-down box on the right.

Data Connection Co	nfirmation
<b>New OData s</b> Data Connection	Service on
Choose a service fro	m one of the sources listed below.
Sources	Choose a system, explore, and select a service. Optionally, you can drill down into the service
Service Catalog	Select a system
Workspace File System Service URL	SAP Front-End Server Development System NPL SAP Back-End Server Development

After a few moments, the connection should be established and the oData services available in the target system should be displayed. The test is now complete and the desired target system has been reached.



Data Connection Confirma	ation			
New OData Serv Data Connection	vice			
Choose a service from one	e of the sources listed below.			
Sources	Choose a system, explore, and	select a service. C	ptionally, you can	a drill down into the service details.
Service Catalog	System NPL		~	
Workspace	Service Search Service		Q Show De	
File System	Service	Description	System 1	
Service URL	> 💮 ADT_SRV	Gatewav-Servic	NPL	
	> 🕝 CATALOGSERVICE	CATALOGSER	NPL	
		CATALOGSER	NPL	
	> 💮 DAAG_MNGGRP	Data-Aoino-Gru	NPL	

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