

# From Baffled to Amazed – My z/OSMF Journey

Session 48245 Jerry Spencer DTS Software, LLC August 17, 2023

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€)§⊒ 1

### **About the Presenter – Jerry Spencer**



- Started as an application programmer in 1975
- Became a System Programmer in 1978
- My career pre-dates:
  - The Internet (as we know it)
  - PC's (laptops/desktops/tablets)
  - Cell Phones
  - WiFi
- Passion for sharing knowledge and experience
- z/OSMF workflows are an excellent vehicle to express this passion







Copyright© by SHARE Inc. Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©(1)\$(5) 2

# Agenda



- BUILDING A MORE ROBUST WORKFLOW
- EXECUTE THE WORKFLOW
- AN EVEN MORE COMPLEX WORKFLOW
- "AND NOW FOR SOMETHING COMPLETELY DIFFERENT"
- WRAP UP

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©•••=

#### Humble beginnings of my 1<sup>st</sup> workflow...

Werkflow Editor	- 🗆 ×	
	Help	
visflow Editor		
xidow Dathition JETRY SHATE WCR07LCAW/EWUSETy		
Metadata Brass Validades Footback Ilput Properties		
a watday devision, the metality is used to identify the watday and provide more information about 1. On this tab, you can modify the modifier identifier, description, category, version, and other basic information about the selected modifier definition		
Working D. Dateory		
Orband, New, User Denmal		
CODE OF Ornel the perfect from instance variable references.		
None 👻 🗹 Usarc cas take avenentity of stops automaticaly.		
Contains parallel steps.		
teb Dulput Directory		
large		
oblas .		
Debard New User		
December		
Set up now TS0 user		
Version		
10		
Verda:		
DT9 6xtware LLC		
From Face In Test Connel		

#### One single step...

			-	In the second se			
Aworld	iflew is come	posed of one or mor	units of work ca	led steps Anotifion of	lefinition file must con	tain at least one statu, each statu can contain substatus. On this tabu you can leanch actions to view or modify the steps in the selected workflow definition.	
Acto	ions +	Create Step					Searc
51	Step No.	Name				769	
0 1		# Rin_Job				antie folower	
0 1		* Ren_bo				ania toloas	
01		a Rin_ko				ania Noosa	



The continuing story of an old dog trying to

learn new tricks.

Four variables...

forkflow Editor			
Voridov Definition: JEPTRY SHARE WORKPLOW/NEWUSER()			
Martine Anna Mathematica Constant Inconference			
varialities can be used for substitution in workflow step instructions and templates. On this fall, you can taun	In actions to view and modify the variables in the selected wandow	seneor	
Actions * Create Variable			Sean
Variable Name	Scope	Category	
O activo	instance	General	
O promiere	instance	General	
O used	instance	General	
O utertare	instance	General	
Total: 4 Selected: 0			

Π

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

Introducing our first workflow of the day: Autoinstall DTS Software

- Saves time & makes sure the right steps are done consistently.
- Nine steps
- This workflow coming soon to an install near you



I know DTS software is easy to install, but let's make it even easier!

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

	Workflow Editor - X	No longer baby
Workflow Editor	Help	stens Not
Workflow Definition: JERRY.WORKFLOW.PDS(AUTOINST)		
Metadata         Steps         Variables         Feedback         In           In a workflow definition, the metadata is used to identify the workflow definition.         Constraints         Constraints<	put Properties rkflow and provide more information about it. On this tab, you can modify the workflow identifier, description, category, version, and other basic information about the selected workflow definition.	walking
Install_DTS_Product_Suite Scope: System	General     •       1 Omit the prefix from instance variable references.       2 Users can take ownership of steps automatically.	
Callable Workflow Job Output Directory: //usr/jerry/installjobs	Contains parallel steps.	Can be called by other workflows
System		(we will re-visit this later)
* Description: Install the DTS Software suite of products.		
* Version: 7.1 * Vendor	•	
Save Save As Test	Cancel	
8 III 🤤 🔟	JERRY2 ^ 🚊 🔍 🖃	
Соругі	ght© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/	©®\$=

SHARE EDUCATE + NETWORK + INFLUENCE

7

		Workflow Editor		- 🗆 ×	Install stop pamos
Workflow Edit Workflow Definition Metadata	itor in: JERRYWORKFLOW/PDS(AUTOINST) Steps Variables Feedback Input Properties imposed of one or more units of work called steps. A workflow definition	n file must contain at least one step; each step can contain substeps. On this tab, you can launch actions to view or modify the steps in the selected wo	arkflow definition.	Help	that match the members of our install data set.
Actions 👻	Create Step		Se	earch	
Step No.	Name	Title			
0 1	INSTEP01	Create the production data sets			
0 2	INSTEP02	APF Authorize the Loadlib data set			
О з	INSTEP03	Add the DIF proc to PROCLIB			
0 4	INSTEP04	Copy members into the PARMLIB, ISPF, and RULE Libraries		4	
5	INSTEP05	Copy modules into an APF authorized library			
6	INSTEP06	Link DTS modules into an APF authorized library			
07	INSTEP07	Implement ISPF Interface			
0 8	INSTEP08	Install LICENSE member			
9	INSTEP09	Verify the installation			
Total: 9 Selecte	ed: 0				
Save	Save As Test Cancel				
			with the second s		
		Э			

SHARE

EDUCATE → NETWORK → INFLUENCE

	Warkflow Editor		- <b>n</b> ×	
Workflow Editor           Workflow Definition: JERRY.WORKFLOW.PDS(AUTOINST)           Metadata         Steps           Variables         Feedback           Input Properties           Variables can be used for substitution in workflow step instructions and templates. On this tab, you can launce	h actions to view and modify the variables in the selected workflow definition.		Help	Variables the installer needs to assign values to for a successful
Actions - Create Variable			Search	install.
Variable Name	Scope	Category		
o disthiq	instance	General		
prodhlq	instance	General		
Servivi	instance	General		
O version	instance	General		
Volser	instance	General	4	
Total: 5 Selected: 0 Save Save As Test Cancel				
		JER	ry2 ^ 💂 🔍 🖃 📼	
			///	

SHARE

EDUCATE · NETWORK · INFLUENCE

Workflow Edit	or	Workfl	ow Editor – 🗆 🗙 Help	I have two different <b>Step Types</b> in this
Workflow Definition	: JERRY.WORKFLOW.PDS(AUTOINS	D.		workflow.
Metadata S	Steps Variables Feedback	Input Properties	Variable Details	
A workflow is con contain substeps	nposed of one or more units of work call . On this tab, you can launch actions to	led steps. A workflow definition file must contain at least one step; each step can view or modify the steps in the selected workflow definition.	Step Details	This one is an
Actions *	Create Step	Search		inling templete.
Step No.	Name	Title	* Name: INSTEP01	inine template. It
• 1	INSTEP01	Create the production data sets	* Title:	allows the
0 2	INSTEP02	APF Authorize the Loadlib data set	Create the production data sets	workflow to submit
0 3	INSTEP03	Add the DIF proc to PROCLIB	Description:	
0 4	INSTEP04	Copy members into the PARMLIB, ISPF, and RULE Libraries	This step creates the production data sets. A first set of the following data sets:	a job.
5	INSTEP05	Copy modules into an APF authorized library	hlq.\${version}.LOADLIB	
0 6	INSTEP06	Link DTS modules into an APF authorized library	hlq. {version}. RULECKPT	Auto Epoblo
0 7	INSTEP07	Implement ISPF interface	* Weight (1-1000):	Auto-Enable
О в	INSTEP08	Install LICENSE member		allows the step to
9	INSTEP09	Verify the installation	Skills. General	automatically
			Step Type: Inline Template	execute.
			Coptional Step	
			Allow manual marking of step failure	
			Help	
Total: 9 Selected	d: 1			
Save	Save As Tes	it Cancel		
	<b>C</b>	nnvright© hu SHARF Accoriation Excent where otherwice noted this work is	licensed under a Creative Commons Attribution.NonCommercial.NoDerive a a license http://creativecommons.org/licenses/by-nc-nd/a	

©€\$∋ 10

#### SHARE EDUCATE · NETWORK · INFLUENCE

		Wor	kflow Editor – 🗆 🗙	The <b>Type</b> tab defines
Workflow Ed	<b>itor</b> an: JERRY,WORKFLOW,PDS(AUTO	JINST)	Help	the characteristics of
Metadata	Steps Variables Feedbac	k Input Properties	Variable Details	the step.
A workflow is c	amposed of one or more units of work	called steps. A workflow definition file must contain at least one step: each step can	Step Details	
contain substep	os. On this tab, you can launch action:	s to view or modify the steps in the selected workflow definition.	Overview Prerequisites Instructions     Type Conditions Security Variables Feedback	Salact the Stan Type
Actions 👻	Create Step	Search		Select the Step Type
Step No.	Name	Title	Template Contents	(in this case <b>Inline</b>
• 1	INSTEP01	Create the production data sets	The step type indicates the type of processing that the step performs. On this tab, you can modify the related details:	Template).
0 2	INSTEP02	APF Authorize the Loadlib data set	Plan Tana Infra Tanalan In	/
О з	INSTEP03	Add the DIF proc to PROCLIB	Step type. Inline template	
0 4	INSTEP04	Copy members into the PARMLIB, ISPF, and RULE Libraries	* Submit Template As: JCL *	Select how the
5	INSTEP05	Copy modules into an APF authorized library	Max RC:	template should be
0 6	<ul> <li>INSTEP06</li> </ul>	Link DTS modules into an APF authorized library	0	aubmitted (ICL) and
0 7	INSTEP07	Implement ISPF interface	Max LRECL: 80	submitted (JCL) and
0 8	INSTEP08	Install LICENSE member	Template Contents:	the <b>MAX RC</b> that is
9	INSTEP09	Verify the installation	//* //* CREATE THE DIF PRODUCTION DATA SETS	accentable
Total: 9 Selec	ted: 1		<pre>//* //*STEP01 EXEC PGM=IEFBR14 //DD1 DD DSN=\${cprodhla}.\${version}.LOADLIB, // DISP=(NEW,CATLG,DELETE).UNIT=SYSALLDA, // SPACE=(CYL,(5,2,80)).VOL=SER=\$volser, // DCB=(RECYM=U,BLKSIZE=6124,DSORG=PO) //DD2 DD DSN=\${prodhla}.\${version}.PARMLIB, // DISP=(NEW,CATLG,DELETE).UNIT=SYSALLDA. Help</pre>	Finally, select the actual JCL if this is ar Inline Template
Save	Save As	Test Cancel		
		Copyright© by SHARE Association Except where otherwise noted, this work	is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3	o/ @(i)(\$)= 11

SHARE EDUCATE + NETWORK + INFLUENCE

		Wor	kflow Editor	For Instructions
Workflow Ec	<b>ditor</b> ian: JERRY.WORKFLOW.PDS(AUTOIN	IST)	Help	Only steps, no
Metadata	Steps Variables Feedback	Input Properties	Variable Details	actions are taken by
A workflow is c contain subste	composed of one or more units of work o ps. On this tab, you can launch actions	alled steps. A workflow definition file must contain at least one step; each step can to view or modify the steps in the selected workflow definition.	Step Details	z/OSMF.
Actions *	Create Step	Search	Vverview Preleduisites instructions Type Conditions Security variables Peeudack	Instruct the uper to
Step No.	Name	Title	* Name: INSTEP02	instruct the user to
0 1	INSTEP01	Create the production data sets	* Title	take actions but
2	INSTEP02	APF Authorize the Loadlib data set	APF Authorize the Loadlib data set	
0 3	INSTEP03	Add the DIF proc to PROCLIB	Description:	
0 4	INSTEP04	Copy members into the PARMLIB, ISPF, and RULE Libraries	Follow these instructions if this is the first time you are installing the DTS sui	them.
0 5	INSTEP05	Copy modules into an APF authorized library		Nor can it
6	INSTEP06	Link DTS modules into an APF authorized library		quarantee the
0 7	INSTEP07	Implement ISPF interface	* Weight (1-1000):	guarantee the
0 8	INSTEP08	Install LICENSE member	20	actions are taken.
0 9	INSTEP09	Verify the installation	Skills: System Programmer	L
			Step Type:         Instructions Only         Optional Step:         Auto-Enable         Allow manual marking of step failure	
Total: 9 Seler	sted: 1		neip	
Save	Save As T	est Cancel		
		Copyright© by SHARE Association Except where otherwise noted, this work	is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd,	/3.0/ @®®= 1

SHARE EDUCATE + NETWORK + INFLUENCE

Workflow Edi	tor	Workf	Iow Editor ×	Here I specify Instructions
Workflow Definition       Metadata       Aworkflow is concorrection       Actions       Actions       Step No.       1       2       3       4       5       6       7       8       9	Xerr     Variables     Feedback       Variables     INSTEP01       Variables     INSTEP03       Variables     INSTEP04       Variables     INSTEP05       Variables     INSTEP06       Variables     INSTEP08       Variables     INSTEP09	Input Properties         Input Properties         Red Steps. Aworkflow definition file must contain at least one step, each step can avoid the steps in the selected workflow definition.         Search         Title         Create the production data sets         Add the DIF proc to PROCLIB         Copy members into the PARMLIB, ISPF, and RULE Libraries         Copy modules into an APF authorized library         Ink DTS modules into an APF authorized library         Implement ISPF Interface         Verify the installation	Variable Details         Image: Coverview       Prerequisites       Instructions       Type       Conditions       Security       Variables       Feedback       Image: Conditions       Image: Conditions       Image: Conditions       Image: Conditions       Feedback       Image: Conditions       Image: Conditeable       Image: Conditions	Only as the step type under the Type tab.
Total: 9 Selecte Save	od: 1 Save As Test	t Cancel	Help	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©∲§∋ 13

SHARE

EDUCATE · NETWORK · INFLUENCE

<b>Kflow Edito</b>	DF JERRYWORKFLOW.PDS(AUTOINST)	)	tab allows m
etadata Ste	teps Variables Feedback	Input Properties	Variable Details Specify the
vorkflow is comp ntain substeps. (	posed of one or more units of work calle On this tab, you can launch actions to v	d steps. A workflow definition file must contain at least one step; each st iew or modify the steps in the selected workflow definition.	ep can Step Details instructions
Actions 👻	Create Step	s	Cvervew Prerequisites instructions type Conditions Security Variables Feedback the USEr needback conditions and following the USEr needback conditions are conditioned are conditi
Step No.	Name	Title	Step Instructions Teau and IOI
) 1	INSTEP01	Create the production data sets	The user requires detailed instructions for performing the step to completion. On this tab, you can modify the user instructions for the selected step.
2	INSTEP02	APF Authorize the Loadlib data set	
) 3	INSTEP03	Add the DIF proc to PROCLIB	<pre><strong>Only perform this installation step when installing wersion 7.1 for the first time shr/&gt;the Dynamic Install Facility</strong></pre>
) 4	INSTEP04	Copy members into the PARMLIB, ISPF, and RULE Libraries	( <strong>DIF</strong> ) must be executed from an authorized load library. The manual
) 5	INSTEP05	Copy modules into an APF authorized library	assumes the DIF load library will be created in the first installation step, and subsequent steps will link DIF and
) 6	INSTEP06	Link DTS modules into an APF authorized library	product load modules into an authorized library. This section explains how to authorize the DIF load library.
) 7	INSTEP07	Implement ISPF Interface	 
8	INSTEP08	Install LICENSE member	<pre>strong&gt;SYS1.PARMLIB(IEAAPFnn)</pre> /strong>. MVS/ESA and OS/390 systems have an additional DABMIT member to authorize data sets - examine
9	INSTEP09	Verify the installation	member < strong >SYS1_PARMLIB(PROGn). Note: in most cases, the nn will use 00.
			<pre>cbr/&gt;cbr/&gt; On MVS/ESA and OS/390 systems, the APF authorized data sets can be listed by an operator command, and modified without an IPL. The following console command can be used to list the current APF authorized libraries found on your system.</pre>
			Contains variable substitution Open in z/OSMF Desktop Editor
			Help
otal: 9 Selected:	2.2		
Save	Save As Test	Cancel	

### SHARE EDUCATE + NETWORK + INFLUENCE

©€\$∋ 14

				Work	The <b>Prerequis</b>
orkflow Edit	<b>or</b> : JERRYWORKFLOW	PDS(AUTOIN:	ST)		tab is where I
Metadata S	iteps Variables	Feedback	Input Properties		Variable Details Specify the
A workflow is con contain substeps	nposed of one or more . On this tab, you can l	units of work c aunch actions t	alled steps. A workflow definition file must o view or modify the steps in the selected	contain at least one step; each step can workflow definition.	Step Details prerequisites
Actions *	Create Step			Search	TOR MY WORKTION
Step No.	Name		Title	Signature Status	Step Prerequisites
• 1	INSTEP01		Create the production data sets	N/A	A step might require other steps to be completed before it can be performed. On this tab, you can modify the list of prerequisite The first step, c
0 2	INSTEP02		APF Authorize the Loadlib data set	N/A	course has no
О 3	INSTEP03		Add the DIF proc to PROCLIB	N/A	Eligible Prerequisite Steps Existing Prerequisite Steps
04	INSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A	prerequisites
5	INSTEP05		Copy modules into an APF authorized library	N/A	
0	INSTEP06		Link DTS modules into an APF authorized library	N/A	
0 7	INSTEP07		Implement ISPF interface	N/A	
8 C	INSTEP08		Install LICENSE member	N/A	Description:
0 9	INSTEP09		Verify the installation	N/A	
					None      Target State     State Expression     Extended Expression
Total: 9 Selecte	d: 1				Help
Save	Save As	Te	est Cancel		

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

@∲§⊜ 15

SHARE

EDUCATE · NETWORK · INFLUENCE

Wathing Edition       The second of a construction of a const								Wor	kflow	Editor									- 🗆 ×	<u>ا</u> ا	Tha sa	cond	etan
Netsetade Year     Restanda Feedback     Avertables     Avertables     Condets Steps     Tels     Steps <th><b>Vorkflow</b> Workflow De</th> <th><b>₩ Edit</b> Definition</th> <th>i<b>tor</b> n: JERRY.W</th> <th>ORKFLOW</th> <th>/.PDS(AUTOIN:</th> <th>ST)</th> <th></th> <th>Help</th> <th>) بر</th> <th>can on the firs</th> <th>ly run t sten</th> <th>if if</th>	<b>Vorkflow</b> Workflow De	<b>₩ Edit</b> Definition	i <b>tor</b> n: JERRY.W	ORKFLOW	/.PDS(AUTOIN:	ST)													Help	) بر	can on the firs	ly run t sten	if if
Step Cleanses Contain substates. Convince labely steps & Noordikov definition file rout contain at least one steps, each step can contain substates. Con this lab, you can launch actions to view of modify the steps in the selected workflow definition. Step Noo Create the production data sets NA Create	Metadata	a s	Steps	Variables	Feedback	Input Properties			Va	riable Details												. 510p	Turic
Actors       Create Step       Search         Step No.       Name       Title       Signsture Status         No.       Name       Name       Signsture Status         No.       Name       Name       Name         No.       Name       Name       Name         No.       Name       Name       Name         No.       Name       Name       Name       Name         No.       Name       Name       Name       Name         No.       Name       Name       Name       Name         No.       Signstrum Status       Name       Name       Name         No.       Name       Name       Name	A workflow contain su	w is cor ubsteps	mposed of o s. On this ta	one or more b, you can l:	units of work c aunch actions t	alled steps. A workflow definition file must o view or modify the steps in the selected	: contain at least one step I workflow definition.	; each step can	St	ep Details	Prove quisites	Instructions	Time	Conditions	Conurity	Variables	Foodbool		•	Ľ	succes	stully	•
New       Tute       Signature Status         1       = NSTEP01       Create the production data sets       N/A         2       = NSTEP02       APF Authorize the Loadia data set       N/A         3       = NSTEP03       Add the DiP proc to PROCLE       N/A         4       = NSTEP04       Corymenders into the PASMLE, SMP ROLE Ularanse       N/A         5       = NSTEP05       Corymenders into the PASMLE, SMP ROLE Ularanse       N/A         6       = NSTEP05       N/A       N/A         0       7.4       = NSTEP05       N/A         0       9.4       = NSTEP05       N/A         0       = NSTEP05       N/A       N/A         0       = NSTEP05       N/A       N/A         0       = NSTEP05       N/A       N/A	Actions	s *	Create 5	itep				Search		Overview	Frerequisites	Instructions	Type	Conditions	Security	valiables	recubaci	`	*				
1       • NSTEP01       Create the production data sets       NA         2       • NSTEP02       APF Authorse the Loadile data et       NA         3       • NSTEP03       Add the DF proc to PROCLE       NA         4       • NSTEP04       Copy members into the PARMUB, SiFF, and RULE Libraries       NA         5       • NSTEP05       Copy members into the PARMUB, subforzed itoray       NA         • A       • NSTEP06       Instat LICENSE member       NA         • A       • NSTEP08       Instal LICENSE member       NA         • NSTEP09       Instal LICENSE member       NA         • NSTEP08       Instal LICENSE member       NA	Step	p No.	Name			Title	Signature Status			Step Pre	requisites												
2       INSTEP02       APF Authorate the Loadillo data set       NA         3       INSTEP03       Add the DIF prot to PROCLIB       NA         4       INSTEP04       Copy members into the PARMLIB, INA         5       INSTEP05       Set#, and RULE LIGATES         6       INSTEP06       NA         0       A       INSTEP07         0       INSTEP07       Inplement ISPF Interface         0       NA       NA         0       INSTEP03       Instep04         0       INSTEP03       Install UCENSE member	01		INS	rep01		Create the production data sets	N/A			A step might i steps for the	equire other steps to selected step.	be completed bef	ore it can b	e performed. On	this tab, you c	an modify the I	ist of prerequi	site					
3       INSTEP03       Add the DIF proc to PROCLIB       NA         4       INSTEP04       Copy members into the PARMLIB, SPF, and RULE Ubbranes       NA         5       INSTEP05       Copy mobules into an APF, authorized library       NA         6       INSTEP06       Inits IDEP06       NA         8       INSTEP03       Naisal LICENSE member       NA         9       INSTEP03       Verify the installation       NA	• 2		INS	repo2		APF Authorize the Loadlib data set	N/A																
4       INSTEP04       Copy members into the PARMUB, ISPF, and RULE Libraries       NA         5       INSTEP05       Copy modules into an APF       NA         6       INSTEP06       Link DTS modules into an APF       NA         7       INSTEP07       Implement ISPF interface       NA         8       INSTEP08       Instal LICENSE member       NA         9       INSTEP09       Verify the installation       NA	О з		INS	TEP03		Add the DIF proc to PROCLIB	N/A			Eligible Pre	requisite Steps			Existing Prere	quisite Steps								
SA       INSEP05       Copy modules into an APF authorized library       N/A         INSEP06       InNSTEP06       Innk DTS modules into an APF authorized library       N/A         INSEP07       INSTEP07       Inplement ISPF interface       N/A         INSEP08       INSTEP08       Instal LICENSE member       N/A         INSTEP09       INSTEP09       Verity the installation       N/A	0 4		INS	rep04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A							INSTEP01									
6       INSTEP06       Link DTS modules into an APF authorized library       N/A         7       INSTEP07       Implement ISPF interface       N/A         8       INSTEP08       Instal LICENSE member       N/A         9       INSTEP09       Verity the installation       N/A	0 5		INS	TEP05		Copy modules into an APF authorized library	N/A		۵														
7       INSTEP07       Implement ISPF Interface       N/A         8       INSTEP08       Install LCENSE member       N/A         9       INSTEP09       Verify the installation       N/A	0 6		INS	TEP06		Link DTS modules into an APF authorized library	N/A																
8       INSTEP08       Install LCENSE member       N/A         9       INSTEP09       Verify the installation       N/A	07		INS	FEP07		Implement ISPF interface	N/A																
9     INSTEP09     Verify the installation     N/A	8		INS	FEP08		Install LICENSE member	N/A			Description:													
	0 9		INS	TEP09		Verify the installation	N/A																
None Target State State Expression Extended Expression										None	Target State 🔘 Star	e Expression 🔘	Extended E	Expression					*				
Help													H	Help									
Total: 9 Selected: 1	Total: 9 :	Selecte	ed: 1																				
Save Save As Test Cancel	Sav	ve		ave As	Те	est Cancel																	

#### SHARE EDUCATE · NETWORK · INFLUENCE

16

				₩ork	low Edito	or									Help		Step	3 can o	only r	JN
orkflow Ed	litor																after	step 1	runs	
Vorkflow Definiti	on: JERRY.WORKF	LOW.PDS(AUTOIN	NST)														011000	r Soofully	,	
Metadata	Steps Variab	es Feedback	Input Properties		Variable	Details											SUCCE	ssiuny	-	
ð umri flann in a		oro unito of works	colled store. A worlday, definition file mu	at contain at least and stars each star con	Step De	tails														
contain subste	omposed of one of the offe	an launch actions	to view or modify the steps in the select	ed workflow definition.	IT I	Description of the second states of the second stat	Junto setimore	-	Contract	0			Condition		•		01		<b>\T</b>	
Actions *	Create Sten			Search		Gverview	Instructions	Type	Conditions	Jecu	illy va	lables	recubaci	n,			Step	Z IS NC	וו	
Actions	1 Oreate orep				S	ten Prerequisites											requir	red		
Step No.	Name		Title	Signature Status												L	roqui	UU		
01	INSTEP01		Create the production data sets	N/A	A s	step might require other steps to eps for the selected step.	be completed bet	ore it can be p	erformed. On	this tab, y	you can mo	dify the lis	t of prerequi	site						
0 2	INSTEP02		APF Authorize the Loadlib data se	I N/A	-															
3	■ INSTEP03		Add the DIF proc to PROCLIB	N/A	E	ligible Prerequisite Steps		E	xisting Prere	equisite S	Steps									
0 4	INSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A	Ib	NSTEP02			ISTEP01											
0 5	INSTEP05		Copy modules into an APF authorized library	N/A	b															
0 6	INSTEP06		Link DTS modules into an APF authorized library	N/A																
0 7	INSTEP07		Implement ISPF interface	N/A																
0 8	INSTEP08		Install LICENSE member	N/A	De	escription:														
0 9	INSTEP09		Verify the installation	N/A																
						None Conarget State Constat	e Expression O	Exterided Ext	ression						×					
								Hel	p											
Total: 9 Selec	ted: 1																			
Save	Save A	T	est Cancel																	

SHARE EDUCATE + NETWORK + INFLUENCE

					Work	flow Editor									-	⊢□× Help St	ep 4 can only
orkf	low Editor															ru	n after step 1
orkflo	w Definition: JERRY.W	VORKFLOW.PDS(AUTOINST	)													<u> </u>	mnlatas
Meta	data Steps	Variables Feedback	Input Properties			Variable Deta	ils										Inpletes
wor	dlow is composed of a	one or more units of work call	ed steps. A workflow definition file must	contain at least one step; ear	ch step can	Step Details										su	ccessfully.
1100	n substeps. On this to	is, you can radiich actions to .	new of mounty are steps in the selected	worknow definition.		4 Over	view Prerequisites	Instructions	Туре	Conditions	Security	Variables	Fe	edback	• •		
Ac	ions 🔻 📔 Create S	Step			Search	~									2	C+	and 28 2 are
	Step No. Name		Title	Signature Status		Step	Prerequisites								- 1	30	$sps z \alpha s are$
)	I INS	TEP01	Create the production data sets	N/A		A step r steps fo	might require other steps to or the selected step.	be completed bef	ore it can be	performed. On	this tab, you o	an modify the	e list of pr	erequisite	e l	no	t required
)	2 INS	TEP02	APF Authorize the Loadlib data set	N/A											.		•
)	B INS	TEP03	Add the DIF proc to PROCLIB	N/A		Eligib	le Prerequisite Steps		1 1	Existing Prere	quisite Step	5		1	- 1		
0	4 INS	TEP04	Copy members into the PARMLIB,	N/A		INSTE	P02			INSTEP01					- 1		
)	5 🔳 INS'	TEP05	Copy modules into an APF	N/A		INSTE	P03								- 1		
			authorized library			•									- 1		
	i INS	TEP06	Link DTS modules into an APF authorized library	N/A											- 1		
)	7 INS	TEP07	Implement ISPF interface	N/A											- 1		
)	B INS	TEP08	Install LICENSE member	N/A		Descrip	ition:								- 1		
D	a INS.	TEP09	Verify the installation	N/A											- 1		
															- 1		
															- 1		
						Nor	ne 🔘 Target State 🔘 Sta	e Expression 🔘	Extended E	xpression						•	
									н	elp							
Toto	l: 9 Selected: 1																
	Save	Save As Test	Cancel														

### SHARE EDUCATE + NETWORK + INFLUENCE

orkflow E	ditor	PDS(AUTOINST	)		Work	IOW EDITC	1							— L	elp	Step 5 can only run after steps
			,			Variable	Dataila									& 4 complete
Metadata	Steps Variables	Feedback	Input Properties			Stop Dot	pila									ou oo oo of ully
Aworkflow is contain subst	composed of one or more u teps. On this tab, you can lat	nits of work call inch actions to v	ed steps. A workflow definition file must view or modify the steps in the selected	contain at least one step workflow definition.	, each step can	otep Del			-	0		64000 (11000)				Succession
Actions *	Create Step				Search	- (	Prerequisites	Instructions	Type	Conditions	Security	Variables	Feedback			
Step No	o. Name		Title	Signature Status		St	ep Prerequisites									
D 1	INSTEP01		Create the production data sets	N/A		A s	tep might require other steps ns for the selected step	to be completed be	fore it can	be performed. On	this tab, you ca	in modify the li	st of prerequisi	ite		
2	INSTEP02		APF Authorize the Loadlib data set	N/A		_	F							- 1		
) з	INSTEP03		Add the DIF proc to PROCLIB	N/A		E	ligible Prerequisite Steps			Existing Prere	equisite Steps					
D 4	INSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A		IN IN	STEP02			INSTEP01						
5	INSTEP05		Copy modules into an APF authorized library	N/A			31EF03			INSTERON						
6	INSTEP06		Link DTS modules into an APF authorized library	N/A												
7	INSTEP07		Implement ISPF interface	N/A												
8	INSTEP08		Install LICENSE member	N/A		De	scription:									
9	INSTEP09		Verify the installation	N/A												
						0										
						۲	None O Target State O 5	tate Expression 🔘	Extender	d Expression				•		
	lan sa								Į	Help						
10tai: 9 5ee	ectea: 1															
Save	Save As	Test	Cancel													

SHARE EDUCATE + NETWORK + INFLUENCE

©€\$∋ 19

orkfl	ow Ec	litor			eT.		WON	(110 W	Laroi					Help	Step 6 can only run after steps 1
orktiov	Definit	on: JERR	Y.WORKFLO	W.PDS(AUTOIN	51)			1							4, & 5 complete
Metac	ata	Steps	Variables	Feedback	Input Properties			Va	anable Details						
A work contair	low is c subste	omposed os. On thi	of one or mo s tab, you ca	re units of work c n launch actions t	alled steps. A workflow definition file must o view or modify the steps in the selected	contain at least one step; I workflow definition.	each step can	50		1					successiully.
Acti	ins *	Crea	e Step				Search		Overview Prerequisites Instr	ructions Type	Conditions Secur	ty Variables	Feedback	*	
s	ep No.	Nar	ne		Title	Signature Status			Step Prerequisites						
D 1		= 1	NSTEP01		Create the production data sets	N/A			A step might require other steps to be com steps for the selected step.	npleted before it can	be performed. On this tab, y	ou can modify the I	ist of prerequisite		
) 2		= 1	NSTEP02		APF Authorize the Loadlib data set	N/A									
) 3		1	NSTEP03		Add the DIF proc to PROCLIB	N/A			Eligible Prerequisite Steps		Existing Prerequisite S	eps			
) 4			NSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A			INSTEP02		INSTEP01		_		
5		-	NSTEP05		Copy modules into an APF authorized library	N/A		Þ			INSTEP05				
) 6			NSTEP06		Link DTS modules into an APF authorized library	N/A									
7 (			NSTEP07		Implement ISPF interface	N/A							_		
) 8			NSTEP08		Install LICENSE member	N/A			Description:				_		
9			NSTEP09		Verify the installation	N/A									
									None     Target State     State Expre	ession O Extended	Expression				
											Help				
Total	9 Selec	ted: 1													
	Save		Save As	Т	est Cancel										

©€\$∋ 20

SHARE EDUCATE · NETWORK · INFLUENCE

Next	<b>i/orkflow E</b> Norkflow Defini	ditor	RY.WORKFL	OW.PDS(AUTOIN	IST)		Work	flow E	Editor								1	Help	Step 7 can only run after steps 1,
Spectral spectra spectr	Metadata	Steps	Variable	s Feedback	Input Properties			Vari	iable Details										4, 5, & 6 complete
Actor: Create Stap:     Note: The     Step Io     Name     Step Io     Name     Step Io     Name     Step Io     Name     Step Io     Step Io <td>A workflow is contain subst</td> <td>compose eps. On t</td> <td>ed of one or m this tab. vou c</td> <td>ore units of work on the second se</td> <td>called steps. A workflow definition file must to view or modify the steps in the selected</td> <td>contain at least one step; eac workflow definition.</td> <td>ch step can</td> <td>Ste</td> <td>p Details</td> <td>~</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>successfully</td>	A workflow is contain subst	compose eps. On t	ed of one or m this tab. vou c	ore units of work on the second se	called steps. A workflow definition file must to view or modify the steps in the selected	contain at least one step; eac workflow definition.	ch step can	Ste	p Details	~									successfully
Step No. Norm   1 • Rot FEPG   2 • Rot FEPG   3 • Rot FEPG   4 • Rot FEPG   4 • Rot FEPG   6 • Rot FEPG   6 • Rot FEPG   6 • Rot FEPG   7 • Rot FEPG   9 • Rot FEPG <td>Actions *</td> <td>L Co</td> <td>eate Sten</td> <td></td> <td></td> <td></td> <td>Search</td> <td>4</td> <td>Overview</td> <td>Prerequisites</td> <td>Instructions</td> <td>Туре</td> <td>Conditions</td> <td>Security</td> <td>Variables</td> <td>Feedback</td> <td>k 🔸</td> <td>*</td> <td></td>	Actions *	L Co	eate Sten				Search	4	Overview	Prerequisites	Instructions	Туре	Conditions	Security	Variables	Feedback	k 🔸	*	
i i iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Step No	). N	lame		Title	Signature Status	- Coaron		Step Pre	requisites									
2       # NSTEP02       APF Adhrotze the Load la data set       NA         3       # NSTEP03       Add the Dif proc to PROCUB       NA         4       # NSTEP03       Copy memory sets to the PANALUE, NA       NA         5       # NSTEP03       Copy memory sets to the PANALUE, NA       NA         6       # NSTEP03       Copy memory sets to a APF       NA         6       # NSTEP03       Link DTS module sets of APF       NA         6       # NSTEP03       Nationization lange       NA         6       # NSTEP03       Nationization lange       NA         6       # NSTEP03       Nationization lange       NA         7       # NSTEP03       Nationization lange       NA         9       # NSTEP03       Nationization lange       NA         9       # NSTEP03       Nationization lange       NA         0       # NSTEP03       Nationization lange       NA         0       # NSTEP03       Nationization lange       NA         0       # NSTEP03       Nationization lange       Nationization lange         0       # NSTEP03       Nationization lange       Nationization lange         0       # NSTEP03       Nationization lange       Nationizatio	01		INSTEP01		Create the production data sets	N/A			A step might stens for the	require other steps to selected step	be completed be	fore it can	be performed. On	this tab, you c	an modify the I	ist of prerequi	site		
3       * NSTEP03       Add the DiF proc to PROCUB       NA         4       * NSTEP04       Copy memory into the PARALUB, sind registration an APF subdicided listany       NA         5       * NSTEP05       Copy modules into an APF subdicided listany       NA         6       * NSTEP06       NA         7       * NSTEP03       NA         9       * NSTEP03       NA         9       * NSTEP03       NA         9       * NSTEP03       NA         9       * NSTEP03       NA         0	0 2		INSTEP02		APF Authorize the Loadlib data set	N/A				Sciected Step.									
0       4       * NSTEP04       Copy medbers into the PAPAUB, NA         0       4       * NSTEP04       NA         0       5       * NSTEP05       Copy modules into an APF additiones       NA         0       6       * NSTEP06       NA         0       6       * NSTEP06       NA         0       7       * NSTEP07       Inglement ISPF Interface       NA         0       8       * NSTEP08       NA         0       9       * NSTEP03       NA         0       9       * NSTEP03       NA         0       * NSTEP03       NA         0 </td <td>О 3</td> <td>2</td> <td>INSTEP03</td> <td></td> <td>Add the DIF proc to PROCLIB</td> <td>N/A</td> <td></td> <td></td> <td>Eligible Pr</td> <td>erequisite Steps</td> <td></td> <td></td> <td>Existing Prere</td> <td>quisite Step</td> <td>i</td> <td></td> <td></td> <td></td> <td></td>	О 3	2	INSTEP03		Add the DIF proc to PROCLIB	N/A			Eligible Pr	erequisite Steps			Existing Prere	quisite Step	i				
5       • NSTEP05       Cgyrodales into an APF       NA         6       • NSTEP06       Link DTS modules into an APF       NA         7       • NSTEP07       inplement ISPF interface       NA         8       • NSTEP08       Install UCENSE member       NA         9       • NSTEP09       Vertry the installation       NA         Description:       • None • Target State • State Expression • Extended	0 4	3	INSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A			INSTEP02				INSTEP01						
6       INSTEP06       Link DTS modules into an APF additionated its and APF additionated its anditionated its and APF add	0 5	1	INSTEP05		Copy modules into an APF authorized library	N/A		Þ					INSTEP05						
7       INSTEP07       Implement ISPF Interface       NA         8       INSTEP08       Install LICENSE member       NA         9       INSTEP09       Verity the installation       NA         Implement ISPF Interface       NA       Description:         Total: y Selected: 1       Implement ISPF Interface       NA	6		INSTEP06		Link DTS modules into an APF authorized library	N/A							INSTEP06						
8 INSTEP08     9     9     NA     9     NSTEP09     Verity the installation     NA     Description:     Image: State Stat	0 7	1	INSTEP07		Implement ISPF interface	N/A													
9 NSTEP09     Verity the installation     NA     Image: NSTEP09     Verity the installation     Image: NSTEP09     Image: NSTEP09     Verity the installation     Image: NSTEP09     Image: NST	0 8		INSTEP08		Install LICENSE member	N/A			Description:										
Total: 9 Selected: 1     Image: Save As     Test     Cancel	0 9		INSTEP09		Verify the installation	N/A													
Total: 9 Selected: 1       Save     Save As       Test     Cancel																			
Help Total: 9 Selected: 1 Save Save As Test Cancel									None O	Target State 🔿 Sta	te Expression O	Extended	Expression					*	
Total: 9 Selected: 1           Save         Save As         Test         Cancel													Help						
Save As Test Cancel	Total: 9 Sele	ected: 1																	
	Save		Save As		est Cancel														

SHARE EDUCATE + NETWORK + INFLUENCE

©€\$∋ 21

							Worl	flow Edito	or								- 🗆 ×	And so on .
j																	Help	
kl	flow E	ditor																
đlo	ow Definit	ion: JERRY	WORKFLOV	V.PDS(AUTOINS	iT)													
eta	adata	Steps	Variables	Feedback	Input Properties			Variable	Details									
m	rkflow is r	composed o	if one or more	units of work ca	lled steps. A workflow definition file must	contain at least one step.	ach sten can	Step De	tails									
ta	ain subste	eps. On this	tab, you can	aunch actions to	view or modify the steps in the selected	workflow definition.		+ (	Overview	Prerequisites	Instructions	Type	Conditions	Security	Variables	Feedback	• •	
Ac	tions 💌	Create	e Step				Search					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Conduction	occurry	Tanabioo	, sousable,	*	
		1						S	tep Prerec	quisites								
	Step No.	. Nam	e		Title	Signature Status		٨٠	top might rogu	ire other stone to	he completed het	foro it con k	ic performed. On	this tab you s	an madify the li	ct of proroquicit		
)	1	= IN	ISTEP01		Create the production data sets	N/A		ste	eps for the sele	cted step.	be completed bei	iore il carri	e performed. On	i ulis tab, you c	an mouny the n	st of prerequisit	LC .	
)	2	<b>=</b> 1N	ISTEP02		APF Authorize the Loadlib data set	N/A		-									- 11	
)	3	= 15	ISTEP03		Add the DIF proc to PROCLIB	N/A		E	ligible Prereq	uisite Steps			Existing Prere	equisite Steps	1			
)	4	= IN	ISTEP04		Copy members into the PARMLIB,	N/A		IN	ISTEP02				INSTEP01					
					ISPF, and RULE Libraries			IP	ISTEP03				INSTEP04					
	5	= IN	ISTEP05		Copy modules into an APF authorized library	N/A		4					INSTEP05					
C	6	<b>≡</b> 1№	ISTEP06		Link DTS modules into an APF	N/A							INSTEP06					
_	-					19112							INSTEPU7					
	1	- IP	ISTEPU7		Implement ISPF Interrace	N/A												
	8	41 m	ISTEP08		Install LICENSE member	N/A		De	escription:									
	9	≡ IN	ISTEP09		Verify the installation	N/A												
												-	-					
									None O Tari	yet state 🗢 stat	e Expression O	Exterided	Expression				*	
												1	Help					
Tote	al: 9 Sele	cted: 1																
	Save		Save As	Te	st Cancel													

©€\$∋ 22

SHARE

EDUCATE · NETWORK · INFLUENCE

					Work	now Editor									1 X	. and so on
<b>(flow l</b>	Editor	RYWORKFLOW	PDS(AUTOINS	т)										He	elp	
letadata	Steps	Variables	Feedback	Input Properties		Variable Details										
workflow is ontain subs	s composed	d of one or more his tab, you can li	units of work ca aunch actions to	led steps. A workflow definition file must view or modify the steps in the selected	contain at least one step; each step can workflow definition.	Step Details	(									
Actions •	r   Cre:	ate Step			Search	* Overview	N Prerequisites	Instructions	Туре	Conditions	Security	Variables	Feedback	•		
Step N	0. Na	ame		Title	Signature Status	Step P	rerequisites									
0 1	-	INSTEP01		Create the production data sets	N/A	A step mig steps for t	ht require other steps to he selected step.	be completed bef	ore it can bi	e performed. On	this tab, you ca	an modify the lis	t of prerequisite	9		
2	-	INSTEP02		APF Authorize the Loadlib data set	N/A									- 1		
3		INSTEP03		Add the DIF proc to PROCLIB	N/A	Eligible	Prerequisite Steps			Existing Prere	quisite Steps					
4		INSTEP04		Copy members into the PARMLIB, ISPF, and RULE Libraries	N/A	INSTEP	2			INSTEP01			-			
5	-	INSTEP05		Copy modules into an APF authorized library	N/A	INSTEPL	3			INSTEP04						
6	-	INSTEP06		Link DTS modules into an APF authorized library	N/A					INSTEP06						
5 7 C		INSTEP07		Implement ISPF interface	N/A					INSTEP08			-			
8	-	INSTEP08		Install LICENSE member	N/A	Descriptio	n:									
9	=	INSTEP09		Verify the installation	N/A											
						None	🔿 Target State 🔘 Stat	e Expression 🔘	Extended E	xpression				*		
marel a Ca									ŀ	lelp					1	
10tai: 9 56	eutea: 1															
Save		Save As	Te	st Cancel												

### SHARE EDUCATE + NETWORK + INFLUENCE



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()(\$)=



Workflows Simplifies tasks through guided step-bas	ed workflows, and provides adn	ninistrative functions for as	signing workflow r	esponsibilities and	tracking progre	55.				Settings   Help Search	the source for the workflow so now
Open Modify Cancel Delete Archive Stop Automation Generate Feedback Summary Create New Based on Existing Reactivate Lodes Model and Preps Create Workflow, Creps Customize JOB Statement Workflows View Select All Configure Columns Hide Ellere Previous	escription Ter	<b>Version</b> Filter	Vendor Filter	Access Filter	Owner Filter	System Filter	Status	Percent Complete	Date Created(GMT) Filter		(I double clicked on the Workflows option from the z/OSMF desktop to get here)
Clear Sorts Clear Search Total: o Selected: o Refresh Last refresh: Juli	5, 2023, 8:47:18 AM local time (	Jul 5, 2023, 12:47;19 PM G	эмT)				Common Attribution MonCommon				

SH		R	Е
EDUCATE • N	etwork	INFLU	ENCE

					Workflov	VS				- 🗆 ×	Specify the data
Workflows Simplifies tasks through guide	d step-based workflows, and provides :	administrative functions for assig	gning workflow re	sponsibilities a	nd tracking progn	ess.				Settings   Help	set that contains
Actions 👻 🗔 Active	v									Search	the source.
➢ No filter applied											
Workflow Name Filter	Description Filter	Version Filter	Vendor Filter	Access Filter	Owner Filter	System Filter	Status	Percent Complete	Date Created(GMT) Filter		Click on Next
					There is no data	to display.					
		Create V	Vorkflow					1			
		* Location ( ADCDPL	(system) of definit SOW1 (SOW1)	ion and variable	e input files:						
		* Workflow	definition file:				-				
		JERNEY		(ACTOINST)							
		Select or t	ariable input file: 🕓 type	U			•				
		< Bac	:k	Next >	Finish	Cancel	Help				
								J			
Total: 0 Selected: 0											
Refresh Last n	efresh: Jul 7, 2023, 11:24:39 AM local tir	me (Jul 7, 2023, 3:24:39 PM GM	IT)								
	Copyright	© by SHARE Association Exce	ept where other	wise noted, th	is work is licen:	sed under a Creative Commons	Attribution-NonCom	nercial-NoDerivs 3.0 license. htt	p://creativecommons.org	/licenses/by-nc-nd/3.0/	@ <b>@</b>



Actions 🔹 💽 Active	step-based workflows, and provides a	dministrative functions for assigning workflow responsibilities and tracking progress.	Search	user id.
No filter applied Workflow Name Filter	Pescription Filter	Create Workflow         Location (system) of definition and variable input files:         ADCDPL_SOW1 (SOW1)         Workflow definition file:         JERRY/WORKFLOW/PDS(AUTOINST)         Description:         Install the DTS Software suite of products:         Verdior       Yersion:         Install the DTS Software suite of products:         * Workflow name:         Install the DTS Software suite of products:         * Owner user ID:         Archive SAF ID:         Yerry?         ACCDPL_SOW1 (SOW1)         Yerry?         ACcess(Learn More):         Yerry/install/obs         Open workflow on finist         Assign all steps to owner user ID:         Vertic         Save jobs output         Jobs output directory:         Var/jerry/install/obs         Vorein user ID:         Assign all steps to owner user ID:         Center         Vertic         Yerry         Yerry         Access(Learn More):         Vertic         Vertic         Vertic         Vertic         Vertic         Yerry         Insteps to owner user ID:	Percent Complete Date Created(GMT)	Will demonstrate that you can assign steps to different users in the following slides
otal: 0 Selected: 0				

SHARE EDUCATE + NETWORK + INFLUENCE

rkflow Steps Actions *									
🔺 No filter applie	rd							Search 🗌 All step content 🧿	Allows me to assign a step
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	another user
Unassigned	1	Create the production data sets		Yes		General		noFeedback	
Unassigned	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		System Programmer		noFeedback	
Unassigned	3	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>		Yes		System Programmer		noFeedback	
Unassigned	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes				noFeedback	
Unassigned	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes				noFeedback	
Unassigned	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes		Systems Programmer		noFeedback	
Unassigned	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes				noFeedback	
Unassigned	8	<ul> <li>(Optional) Install LICENSE member</li> </ul>		Yes				noFeedback	
Unassigned	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes				noFeedback	
Unassigned	3	<ul> <li>(Opuural) veniy me instaliauun</li> </ul>		Yes				nur eeudatx	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©∲§∋ 28





A quick username related digression...

Multiple JERRY related userids exist, here are some useful pictures to keep them separate in your minds.

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()§(=) 29

SHARE EDUCATE · NETWORK · INFLUENCE

ows ► Install the DTS Software suite of p III the DTS Software suite of	products Workflow_0 products Workflo	w_0		W	orktiows			Sett	I want to assig		
ad Alaw Dataila		5010						🗐 Notes	(except step 3)		
I KIOW Details											
dow Steps									to JERRY2.		
tions 🔻	_							Search All step contr	ent 🧿		
Properties											
Perform Skip			CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	I want to assig		
Status	eate the production data s	ets		Yes		General		noFeedback	step 3 to user		
Override Complete Resolve Conflicts	ptional) APF Authorize the ita set	uthorize the Loadilb Yes Sy		System Programmer		noFeedback	JFRRY				
Change Called Workflow Assignment And Ownershin	Add Assignees	PROCLIB		Yes		System Programmer		noFeedback	0214111		
FeedBack	Remove Assignees	JB, ISPF,		Yes				noFeedback			
Expand	Return										
Collapse	Take Ownership	an APF		Yes				noFeedback			
Export Workflow as Printable Format Select All Steps Assigned to Me	Request Assignment optional) Link DTS modules F authorized library	s into an		Yes		Systems Programmer		noFeedback			
Start Parallel Automation	ptional) Implement ISPF in	iterface		Yes				noFeedback			
Select All	ptional) Install LICENSE m	ember		Yes				noFeedback			
Deselect All Configure Columns	ptional) Verify the installat	ion		Yes				noFeedback			
Hide Filter Row											
Hide Filter Row Clear Search Expand All											

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

SH		RE
EDUCATE • I	NETWORK	▶ INFLUENCE

					Workflows			× L1 =	IEDDV2 has
orkflows 🕨 Install the	e DTS Software suite of products.	Workflow_0   Add Ass	signees					Settings   Help	JERRIZIIAS
Id Assignees									been assigned
elect one or more SA	AF user IDs, SAF groups or z/OSN	F roles to be assigned to	the selected steps.						to the stops the
Selected Steps									
No. Tit	tle	State	Owner	Skill Category		Assignees			were checked
1 .	Create the production data sets	Unassigned		General				<u>^</u>	(everything
2 .	(Optional) APF Authorize the Load	b Unassigned		System Programmer				-	(everytining
Total: 8	data cot								except step 3).
Available assignees							* Assignees to be added:		,
Actions *				_	< bbA		jerry2	*	
≽ No filter ap	pplied				Add All >>				
Name	Туре			_	< Remove				
- Filter	Filter				<< Remove A	AII -			
jerry	SAF user ID								
✓ jerry2	SAF user ID								
Z/OSME Admini	istrator Z/OSME role								
Z/OSME User	z/OSME role								
	20000 100								
								*	
Total: 5 Selected: :	1								
				*					
omments:									
Send z/OSME not	tifications to assignees (comment:	are not included on notif	fications)						
ок	Cancel								

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/



					Workflows			— 🗆 ×	Assista Oton Oto
orkflows ► Inst dd Assigne	all the DTS Software suite of products Workfl <b>eS</b>	low_0	iees					Settings   Help	user JERRY.
Select one or m	ore SAF user IDs, SAF groups or z/OSMF roles	to be assigned to th	e selected steps.						
<ul> <li>Selected Step</li> </ul>	5								
No.	Title	State	Owner	Skill Category		Assignees			
-	data set			oystem rogrammer		JUN 92		<u>^</u>	
3	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>	Unassigned		System Programmer				•	
Total: 9									
Available assid	nees						* Assignees to be added:		
Actions 👻					Add >				
🐎 No fi	ter applied				Add All >	>			
Name	Туре				< Remov	e			
Filter	Filter				<< Remove	e All			
ierp√	SAF user ID								
Z/OS Sec	urity Administrator 7/OSME role								
Z/OSMF A	dministrator z/OSMF role								
	Jser z/OSMF role								
								· .	
Total: 5 Sele	xted: 1								
Comments:									
Send z/OSI	/F notifications to assignees (comments are no	it included on notifica	tions)						
	Cancel								

Copyright<sup>©</sup> by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

SHARE EDUCATE + NETWORK + INFLUENCE

stall the DTS Software suite of p	products Workflow_0						Notes   History	ownership of the steps the
Actions * Properties							Search 🗌 All step content 🥐	to JERRY2.
Accept Perform		CalledWorkflow	Automated	Owner	Skill Category	Assignees	Feedback status	
Skip	aste the prediction data acts	Filler	Man	Filler	Canacol	Filler	reFeedback	
Override Complete Resolve Conflicts	ptional) APF Authorize the Loadlib		Yes		System Programmer	jerry2	noFeedback	
Change Called Workflow	ptional) Add the DIF proc to PROCLIB		Yes		System Programmer	jerry	noFeedback	
FeedBack Expand	opy members into the PARMLIB, ISPF, id RULE Libraries		Yes			jerry2	noFeedback	
Collapse	ptional) Copy modules into an APF thorized library		Yes			jerry2	noFeedback	
Export Workflow as Printable Format Select All Steps Assigned to Me	ptional) Link DTS modules into an PF authorized library		Yes		Systems Programmer	jerry2	noFeedback	
Stop Automation	ptional) Implement ISPF interface		Yes			jerry2	noFeedback	
🔽 Select All	ptional) Install LICENSE member		Yes			jerry2	noFeedback	
Deselect All	ptional) Verify the installation		Yes			jerry2	noFeedback	
Hide Filter Row Clear Search Expand All Collapse All								

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 33



Vorkflows → Install the D	)TS Software s	suite of products Workflow_0 ite of products Workflow_0	Workflows		Settings   He	I confirm the <b>Accept</b> the
<ul> <li>Workflow Details</li> </ul>					Notes   Histo	steps.
Vorkflow Steps						
Actions *		ſ	94 • A3		Search 🛛 🔲 All step content 🥐	
💠 No filter appli	ed .		Accept Step			
State Filter	No. Filter	Title Filter	Selected Steps	Assignees Filter	Feedback status Filter	
Assigned	1	Create the production data sets	Comments:	jerry2	noFeedback	
Assigned	2	<ul> <li>(Optional) APF Authorize the Loadli data set</li> </ul>		Jerry2	noFeedback	
Assigned	3	(Optional) Add the DIF proc to PRC		jerny	noFeedback	
Assigned	4	Copy members into the PARMLIB, IS and RULE Libraries		Jerry2	noFeedback	
Assigned	5	<ul> <li>(Optional) Copy modules into an AF authorized library</li> </ul>		Jerry2	noFeedback	
Assigned 🏟	6	<ul> <li>(Optional) Link DTS modules into a APF authorized library</li> </ul>		jerry2	noFeedback	
Assigned	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		jerry2	noFeedback	
Assigned	8	<ul> <li>(Optional) Install LICENSE member</li> </ul>		jerry2	noFeedback	
🖌 🐗 Assigned	9	<ul> <li>(Optional) Verify the installation</li> </ul>		jerry2	noFeedback	
			OK Cancel Help			
		l				
Total: 9 Selected: 8						
Return to Workflor	vs R	efresh Last refresh: Jul 5, 2023, 8:5	5:13 AM local time (Jul 5, 2023, 12:55:13 PM GMT)			

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

SHARE EDUCATE + NETWORK + INFLUENCE

everything

except Step 3.

So now JERRY2 is the Owner of

Wo	orkflow Details										
Vork	flow Steps										
Ac	tions *	,								Search 🔲 All step content 🥐	
-	<ul> <li>No filter applies</li> </ul>	đ									
	State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees	Fee Filte	dback status r	
~	🔿 Ready	1	Create the production data sets		Yes	jerry2	General	jerry2	noF	noFeedback	
~	🖄 Not Ready	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes	jerry2	System Programmer	jerry2	noF	noFeedback	
	剩 Assigned	3	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>		Yes		System Programmer	jerry	noF	eedback	
~	🕎 Not Ready	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes	jerry2		jerry2	noF	eedback	
~	🕸 Not Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes	jerry2		jerry2	noF	eedback	
~	🕎 Not Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes	jerry2	Systems Programmer	jerry2	noF	eedback	
~	龄 Not Ready	7	Optional) Implement ISPF interface		Yes	jerry2		jerry2	noF	eedback	
~	🛶 Not Ready	8	Optional) Install LICENSE member		Yes	jerry2		jerry2	noF	eedback	
~	🕸 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes	jerry2		jerry2	noF	eedback	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

@∲\$⊜ 35

SHARE EDUCATE + NETWORK + INFLUENCE

/orkflows ► Install the D Install the DTS So	DTS Software suite	e of products Workflow_0 of products Workflow	/_0	W	orkflows				Settings   Help Va	t's specify lues for the
Workflow Details									Notes   History	riables
/orl/flow Steps										
Actions *								Sear	ch 🔲 All step content 🥎	
🐎 No filter applie	ed									
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	
🛛 🔿 Ready 🛛 🗖	anartiac	the production data set	s	Yes		jerry2	General	jerry2	noFeedback	
🗌 🕸 Not Ready 🗛	cept	hal) APF Authorize the L	oadlib	Yes		jerry2	System Programmer	jerry2	noFeedback	
Pe	rform ip	nal) Add the DIF proc to	PROCLIB	Yes			System Programmer	jerry	noFeedback	
Not Ready Sta	atus rerride Complete	nembers into the PARML JLE Libraries	JB, ISPF,	Yes		jerry2		jerry2	noFeedback	
Not Ready Re	solve Conflicts ange Called Work	flow ized library	an APF	Yes		jerry2		jerry2	noFeedback	
Not Ready As:	signment And Ow edBack	nership I hal) Link DTS modules in uthorized library	nto an	Yes		jerry2	Systems Programmer	jerry2	noFeedback	
🗋 🛶 Not Ready 🖂	pand	nal) Implement ISPF inte	rface	Yes		jerry2		jerry2	noFeedback	
Not Ready	o	(opuohal) Install LICENSE mer	nber	Yes		jerry2		jerry2	noFeedback	
🗌 🛶 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>	1	Yes		jerry2		jerry2	noFeedback	
Not Ready     As:       Not Ready     Fer       Not Ready     Co       Not Ready     Co       Not Ready     Co	signment And Ow edBack pand llapse 9	nership hai) Link DTS modules in uthorized library nai) Implement ISPF inte сориоñal) Install LICENSE men (Optional) Verify the installation	nto an	Yes Yes Yes Yes		jerry2 jerry2 jerry2 jerry2	Systems Programmer	jerry2 jerry2 jerry2 jerry2	noFeedback noFeedback noFeedback noFeedback	
Fotal: 9 Selected: 1 Return to Workflov	ws Refr	esh Last refresh: Jul 7, 202	3, 11:38:22 AM local time (Jul 7, 2023,	<ul><li>⊀</li><li>3:38:22 PM GMT)</li></ul>					,	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©∲§∋ 36


Workflows	×	Click on Perform
Vorkflows > Install the DTS Software suite of products Workflow_0 > 1. Create the production data sets	Settings   Help	
roperties for workflow step 1. Create the production data sets		
General Details Dependencies Notes Perform Status Input Vanables Feedback		
Title Create the production data sets		
Description. This step creates the production data sets. It creates the following data sets: hlg.\$(version}.LOADUB hlg.\$(version).PARMUB hlg.\$(version).RULECKPT hlg.\$(version).ISPFLIB hlg.\$(version).RULELB hlg.\$(version).RPTLIB hlg.\$(version).DIFVAR		
Close		
Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creative	commons.org/licenses/by-nc-nd/3.o/	

SHARE EDUCATE + NETWORK + INFLUENCE

Workflows	Specify the
are suite of products Workflow_0 > 1. Create the production data sets Settings Step 1. Create the production data sets	values for the
Index Perform Status Input Variables     Finder the variables        * Production High Level Qualifier     The high level qualifier for production data sets::       * Volume Serial for Install Data Sets:     • Version Number:         * Version Number:   • HLQ for distribution libraries:   • Distribution Libraries:   • Service level for the distribution libraries:   • Service level for the distribution libraries:   • Service level for the distribution libraries:	variables. If I click on the question mark get additional information about the variable.
< Back Next> Save Finish Cancel	
R P	VoltRived



kflows I Install the DTS Soft perties for Workflow eneral Details Dep	vare suite of products Worldlow_0 > 1. Create the product 7 Step 1. Create the production data sets endencies Notes Perform Status Input	ction data sets : Variables Feed					Settings   Help	: ame of the
Input Variables General Review Instructions Create JOB statement Review JCL Submit and Save JCL	Input Variables - General Enter the variable values for this input category.  * Production High Level Qualifier D - The high level * Volume Serial for Install Data Sets D - Install data X0000X	Production This high level gu pradhlq \${version exception of DIPv	High I alifier will PARMLI RULELI (AR, all of	Level Qualifier be used for the production data sets, pro B prodhig \${version} RULECKPT prodhig B prodhig \${version} RPTLB prodhig \${v these data sets are partitioned data sets	dhlq.\${versio \${version}.IS rsion}.DIFVA .DIFVAR is a	I) LOADLIB PFLIB R With the VSAM	• c t	variable, description he variable specified in he workflow
	* Version Number: 🕕 - Version number	This variable is al	loo roforo	acad by the following stone				
		State	No.	Title	Owner			definition, &
	* HLQ for distribution libraries: 🕕 - Distribution Librar	Not Ready	2	APF Authorize the Loadlib data set	jerry2			· · ·
	DTS	Not Ready	4	Copy members into the PARMLIB, ISPF, and RULE Libraries	jerry2		• 5	steps where
	* Service level for the distribution libraries: SLxx.	Not Ready	5	Copy modules into an APF authorized library	jerry2		t	he variable
	-	Not Ready	6	Link DTS modules into an APF authorized library	jerry2		r i i i i i i i i i i i i i i i i i i i	eferenced
		Not Ready	7	Implement ISPF interface	jerry2			CICICITUCU
		Not Ready	8	Install LICENSE member	jerry2			
		Close		Verify the installation	ierry?			
	e Back Navto	Caue	Finish	Cancel				
	COLOR NEXT	Save	Finish	Canter				
Close								



						Wo	orkflows					- 0	⊐×	The system c
Norkflows ► Ins Properties f	stall the DTS Software si or Workflow Ste	uite of products V p 1. Create th	Vorkflow_0 → ne product	1. Create the production ion data sets	on data sets							Settings   H	elp	automatically
General [	Details Dependend	cies Notes	Perform	Status Input V	/ariables Feedback									validate input
✓ Input Varia Generation Review Ins Create JO Review JC	ables ral structions DB statement CL	Input Variable Enter the variable v	s - General values for this in	iput category.										
Submit an	Id Save JCL	* Production High	Level Qualifier:	🗊 - The high level qu 🧯	IZUWF0082E: #@), and hyphens	The value entered is r s. The first character r	not valid. Error details fo must be an alphabetic o	ollow: The value mus or special character.	t contain 1-8 uppercase :	alphabetic characters (A	-Z), numeric characters (0-9)	, special characters (\$		
		* Volume Serial fo	r Install Data Si	its: 🗊 - Install data sei	ets will be allocated on this	s volume:								
		* Version Number: * HLQ for distribut	99 - Version n	umber: - Distribution Libraries	s HLQ.									
		DTS * Service level for	the distribution	libraries: 🗊 - SLxxxx;	x data set qualifier.									
		< Back	Ne	axt> s	Save Fir	nish	Cancel						-	
Close														

©€\$∋ 40



/orkflows 🕨 Install the DTS Softv	ware suite of products Workflow_0 > 1. Create the production data sets	Settings   Help	I specify the
General Details Depe Input Variables General	r Step 1. Create the production data sets endencies Notes Perform Status Input Variables Feedback Input Variables - General Enter the variable values for this input category.		values that are needed to insta our software.
Create JOB statement Review JCL Submit and Save JCL			
	< Back Next> Save Finish Cancel		
Close			

SHARE EDUCATE + NETWORK + INFLUENCE

flows  ► Install the DTS Software suite of p			W	orkflows			- 🗆 ×	Porform the fire
all the DTS Software suite of	productsWorkflow_0 productsWorkflow_0						Settings   Help	step. The
/orkflow Details								workflow is
rkflow Steps								designed so it
actions *							Search 🗌 All step content 🥎	
🗯 No filter applied								can proceed
State No. Tit Filter Filter Fil	tle ter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	from step to ste
In Properties	reate the production data sets		Yes	jerry2	General	jerry2	noFeedback	without human
Not R Accept	ntional) APF Authorize the Loadlib		Yes	jerry2	System Programmer	jerry2	noFeedback	intervention
Assig Skip	vptional) Add the DIF proc to PROCLIB		Yes		System Programmer	jerry	noFeedback	
Not R Status Override Complete	ppy members into the PARMLIB, ISPF, nd RULE Libraries		Yes	jerry2		jerry2	noFeedback	
Not R Resolve Conflicts Change Called Workflow	)ptional) Copy modules into an APF uthorized library		Yes	jerry2		jerry2	noFeedback	
Not R Assignment And Ownership	) ptional) Link DTS modules into an PF authorized library		Yes	jerry2	Systems Programmer	jerry2	noFeedback	
Not R Expand	ptional) Implement ISPF interface		Yes	jerny2		jerry2	noFeedback	
Not Ready 8	(Optional) Install LICENSE member		Yes	jerny2		jerry2	noFeedback	
🖎 Not Ready 9 🔹	(Optional) Verify the installation		Yes	jerry2		jerry2	noFeedback	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 42

SHARE EDUCATE + NETWORK + INFLUENCE

orkflow Steps								Search 🔲 All step content 🧿
No filter a	plied							
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter
] 🖌 Complete	1	Create the production data sets		Yes	jerry2	General	jerry2	noFeedback
🕽 🖌 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes	jerry2	System Programmer	jerry2	noFeedback
] 🐗 Assigned	3	(Optional) Add the DIF proc to PROCLIB		Yes		System Programmer	jerry	noFeedback
] 📫 Ready	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes	jerry2		jerry2	noFeedback
] 🔌 Not Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes	jerry2		jerry2	noFeedback
] 🔌 Not Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes	jerry2	Systems Programmer	jerry2	noFeedback
🛯 💊 Not Ready	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes	jerry2		jerry2	noFeedback
🛛 👋 Not Ready	8	(Optional) Install LICENSE member		Yes	jerry2		jerry2	noFeedback
🛛 🛶 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes	jerry2		jerry2	noFeedback

Two steps run successfully, but the workflow stops at step 3.

### WHY?

Because step 3 has been assigned to user JERRY but I am JERRY2.

Total: 9 Selected: 0
Return to Workflows

Refresh

Last refresh: Jul 5, 2023, 9:05:49 AM local time (Jul 5, 2023, 1:05:49 PM GMT)

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 43



SHA



			Notifications	- <b>-</b> ×	This notification
Notifications (1)				Help	tells user JERR
Actions 🔹 👒 Inbox 🔹 🔝 New				Search	that he has heel
✤ No filter applied					
Description Filter	From Filter	<b>To</b> Filter	Time Filter		assigned one or
One or more steps in workflow "Install the DTS Software suite of products Workflow_0" have been assigned to you.	C Workflows	jerny	Jul 27, 2023, 9:35:56 AM		more steps in our workflow.
Total: 1 Selected: 0					
Refresh Last refresh: Jul 27, 2023, 9:52:34 AM local ti	me (Jul 27, 2023, 1:52:34 Pl	M GMT)			

SHARE EDUCATE · NETWORK · INFLUENCE

rkflows ➤ Install the D	TS Software s	uite of products Workflow_0		W	orkflows				- 🗆 × Settings   Help	When he clicks
stall the DTS So	ftware sui	te of products Workflow_0								that notification,
Mortflow Dataile									Notes   History	takes us to the
Actions T								Sear	ch 🔲 All sten content 🧿	WOLKHOW.
No filter applie	1							Joca Sca		
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	
🛛 🖌 Complete	1	Create the production data sets		Yes		jerny2	General	jerry2	noFeedback	
🗌 🖌 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		jerry2	System Programmer	jerry2	noFeedback	
🔹 剩 Assigned	3	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>		Yes			System Programmer	jerry	noFeedback	
📄 📫 Ready	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes		jerry2		jerry2	noFeedback	
🗋 🔌 Not Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes		jerry2		jerry2	noFeedback	
🔷 💊 Not Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes		jerry2	Systems Programmer	jerry2	noFeedback	
🗋 🛶 Not Ready	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes		jerry2		jerry2	noFeedback	
🛯 🔌 Not Ready	8	(Optional) Install LICENSE member		Yes		jerry2		jerry2	noFeedback	
🗌 🛶 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes		jerry2		jerry2	noFeedback	
				<					,	
l'otal: 9 Selected: 0										
Return to Workflow	rs R	efresh Last refresh: Jul 7, 2023, 1:15:49	PM local time (Jul 7, 2023, 5	5:15:49 PM GMT)						

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©∲§∋ 46

✓ - □ × 🏶 Mail - DTS | 🔤 IBM z/C 🗴 🧕 angular - V | 🚱 IBM-Z-zOS | 👄 <mat-list> 刘 TypeScript | 💶 You're not | 澹 nodejs - V | 🚱 Rexx Refer: 🛦 Speaker Re | 🏵 SHARE | 🛕 Quick Pay 🛛 🕂 0 D C □ ▲ Not seare https://192.168.0.247:10443/zosmf/ 🕝 🖪 🗯 🗖 🔂 🕞 (• VPN) 🗄 6 0 1 🏶 DTS Helpdesk 🎯 DTS Admin 👌 ExaVault 🚱 Rexx Functions 🌍 z/OS Manuals 🚺 Word Press Admin 🚱 DTS Support Site 🧧 z/OSMF 👼 ISPF Edit and Edit M... 👼 Introduction to IBM... 👼 Convert Word and. >> - IX Workflows I Install the DTS Software suite of products. - Workflow 0 Settings | Help Install the DTS Software suite of products. - Workflow 0 number 3. Notes | History Workflow Details Workflow Steps Search 📃 All step content 🧿 Actions \* 🐅 No filter applied State Filter No. Title CalledWorkflow Use RunAsUser ID Owner Skill Category Assignees Feedba Automated Filter Filter Eilter Filter Filter Eilter Eilter Eilter Filter 🔲 🛹 Complete 1 E Create the production data sets Yes jerny2 General jerry2 noFeedt \_ 📃 🛹 Complete (Optional) APF Authorize the Loadlib data set 2 System Programmer jerry2 noFeedt Yes jerny2 Assigned (Optional) Add the DIF proc to PROCLIB Yes System Programmer jerry noFeedt Properties Read Accept y members into the PARMLIB, ISPF, Yes jerny2 jerry2 noFeedt d RULE Libraries 📃 🔌 Not R ptional) Copy modules into an APF noFeedt Yes jerny2 jerry2 Skip thorized library 📃 🔌 Not R ptional) Link DTS modules into an Systems Programmer noFeedt Yes jerny2 jerry2 PF authorized library 📃 💊 Not R ptional) Implement ISPF interface Yes jerry2 noFeedt jerny2 Not R Assignment And Ownership > )ptional) Install LICENSE member noFeedt Yes jerny2 jerry2 📃 🔌 Not R ptional) Verify the installation Yes jerny2 jerry2 noFeedt 🖉 4 Total: 9 Selected: 1 Return to Workflows Refresh Last refresh: Jul 7, 2023, 5:30:03 PM local time (Jul 7, 2023, 9:30:03 PM GMT)

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

**User JERRY** must both Accept and Perform step

EDUCATE · NETWORK · INFLUENCE

SHA

©€\$∋ 47

SHARE EDUCATE + NETWORK + INFLUENCE

Once user

is marked

Ready...

JERRY accept2 step number 3, it

Workflow	/ Details									
Vorkflow St	Steps									
Actions	•								Search	h 🔲 All step content 🍞
*, → No	o filter applied	1								
State Filter		No. Filter	<b>Title</b> Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter
🗆 🖌 Co	omplete	1	Create the production data sets		Yes		jerry2	General	jerry2	noFeedback
Co	omplete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		jerry2	System Programmer	jerry2	noFeedback
🖌 🖒 Re	eady	з	(Optional) Add the DIF proc to PROCLIB		Yes		jerry	System Programmer	jerry	noFeedback
🗌 📫 Re	eady	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes		jerry2		jerry2	noFeedback
🗌 🛶 No	ot Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes		jerry2		jerry2	noFeedback
🗌 👋 No	ot Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes		jerry2	Systems Programmer	jerry2	noFeedback
🗌 🛶 No	ot Ready	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes		jerry2		jerry2	noFeedback
🗌 🛶 Nor	ot Ready	8	(Optional) Install LICENSE member		Yes		jerry2		jerry2	noFeedback
No 💊 No	ot Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes		jerry2		jerry2	noFeedback

SHARE EDUCATE + NETWORK + INFLUENCE

kflows > Install the DTS Software suite tall the DTS Software suite (	of products Workflow_0 of products Workflow_0							Settings   Help	JERRY
Norkflow Details									Perforr
orkflow Steps									
Actions 💌							Search	All step content 🥐	
❥ No filter applied									
State No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	
Complete 1	Create the production data sets		Yes		jerry2	General	jerry2	noFeedback	
Complete 2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		jerry2	System Programmer	jerry2	noFeedback	
Remercies	(Optional) Add the DIF proc to PROCLIB		Yes		jerry	System Programmer	jerry	noFeedback	
Re Accept	Copy members into the PARMLIB, ISPF, and RULE Libraries		Yes		jerry2		jerry2	noFeedback	
Skip	(Optional) Copy modules into an APF authorized library		Yes		jerny2		jerry2	noFeedback	
No' Override Complete	(Optional) Link DTS modules into an APF authorized library		Yes		jerry2	Systems Programmer	jerry2	noFeedback	
Resolve Conflicts	(Optional) Implement ISPF interface		Yes		jerry2		jerry2	noFeedback	
Assignment And Ownership	(Optional) Install LICENSE member		Yes		jerry2		jerry2	noFeedback	
Expand	(Optional) Verify the installation		Yes		jerry2		jerry2	noFeedback	
Collapse									

SHARE EDUCATE + NETWORK + INFLUENCE

orkflov	ws 🕨 Install the D	TS Software s	uite of products Workflow_0		We	orkflows			Settings   Help	Step numb
stall	the DTS Sol	ftware sui	te of products Workflow_0						Notes   History	is now mar
Worl	kflow Details									Complete
/orkfl	ow Steps									
Acti	ons 🔻								Search 🔲 All step content 🥐	
**	No filter applied	ł								
S F	J <b>tate</b> Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	
] ,	🖉 Complete	1	Create the production data sets		Yes	jerry2	General	jerry2	noFeedback	
	🖌 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes	jerry2	System Programmer	jerry2	noFeedback	
	🖉 Complete	3	(Optional) Add the DIF proc to PROCLIB		Yes	jerry	System Programmer	jerry	noFeedback	
•	🎝 Ready	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes	jerry2		jerry2	noFeedback	
_ <b>^</b>	💊 Not Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes	jerry2		Jerry2	noFeedback	
	💊 Not Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes	jerry2	Systems Programmer	jerry2	noFeedback	
4	💊 Not Ready	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes	jerry2		jerry2	noFeedback	
4	💊 Not Ready	8	(Optional) Install LICENSE member		Yes	jerry2		jerry2	noFeedback	
2	💊 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes	jerry2		jerry2	noFeedback	



DTSHelpdesk 🔐 [	ITS Admin	🗞 ExaVault 🔇 Rexx Functions 🔇 z/OSI	Manuals D Word Press Admin 📀 DTS Support Site 🏧 z/OSMF 👼 ISPF Edit and Ec Workflows	iit M 🐵 Introduction to IBM 👩 C	onvert Word and »	JERRY2 can perform the rest of
/orkflows ► Install the D Istall the DTS So	TS Software s <b>ftware sui</b>	uite of products Workflow_0 te of products Workflow_0		_	Settings   Help	the steps.
<ul> <li>Workflow Details</li> </ul>			Perform Automated Step		🕅 Nates   History	L have ontions:
Workflow Steps						1 Automatically
Actions *			The selected step can be performed automatically. How would you like to proceed?		Search 🗌 All step content 🕐	T. Automatically
No filter applie	ł		<ul> <li>Automatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, until one of the following according:</li> </ul>			perform the rest
State Filter	No. Filter	Title Filter	all workflows steps have been completed.	Assignees Filter	Feedback status Filter	of the steps
🔲 🖌 Complete	1	Create the production data sets	<ul> <li>a non-automated, non-Complete step, is reached, or</li> <li>an error occurs</li> </ul>	jerry2	noFeedback	
Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>	<ul> <li>Automatically perform the selected step only.</li> </ul>	jerry2	noFeedback	
🔲 🛹 Complete	3	(Optional) Add the DIF proc to PROCLIB	O Manually perform the selected step.	jerry	noFeedback	2. Automatically
🗹 📫 Ready	4	Copy members into the PARMLIB, ISPF, and PULE L braries	When input file variable conflicts occur:	jerry2	noFeedback	perform the
📃 🔌 Not Ready	5	(Optional) Copy modules into an APF	Always use input file values. Existing values will be overwritten and automation will continue.	jerry2	noFeedback	selected step
Not Dearty	c	authorized library	Always keep existing values. Input file values will be ignored and automation will continue.	ince 0	noEnadhack	
- Rockeauy	0	APF authorized library	$\bigcirc$ Allow step or workflow owner to choose whether the input file value	Jen yz	nui eeuback	Only
📃 🕸 Not Ready	7	<ul> <li>(Optional) Implement ISPF Interface</li> </ul>	or existing value should be used for each conflicting variable. Automation will be stopped.	jerry2	noFeedback	
📃 🔌 Not Ready	8	(Optional) Install LICENSE member		jerry2	noFeedback	2 Manually parform
📃 🔌 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		jerry2	noFeedback	5. Manually periorn
Total: a Salartad: 1			OK Cancel Help			the selected step
		for the second se				

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 51



DTS Helpdesk 🛛 🕞	DTS Admin	ExaVault S Rexx Functions S z/OS	Manuals D Word Press	Admin 🚯 DTS Supp	ort Site 🚥 z/	OSMF 혜이 ISPFEditand Edit M @	Introduction to IBM Introduction to IBM Introduction to IBM	ionvert Word and
				Work	flows			- 0
rkflows ∢ install the I	DTS Software :	uite of products Workflow 0						Settings I He
tall the DTS S	oftware su	te of products Workflow_0						
								Dotes   Histo
Vorkflow Details								
orkflow Steps								
Actions *								Search 🗌 All step content 🥐
🐅 No filter appli	ed							
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter
] 🖌 Complete	1	Create the production data sets		Yes	jerry2	General	jerry2	noFeedback
🛛 🛹 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes	jerry2	System Programmer	jerry2	noFeedback
] 🖌 Complete	з	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>		Yes	jerry	System Programmer	jerry	noFeedback
🛛 🖌 Complete	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes	jerry2		jerry2	noFeedback
] 🖌 Complete	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes	jerry2		jerry2	noFeedback
🗌 🖌 Complete	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes	jerry2	Systems Programmer	jerry2	noFeedback
🖉 🖌 Complete	7	(Optional) Implement ISPF interface		Yes	jerry2		jerry2	noFeedback
🗌 🖌 Complete	8	<ul> <li>(Optional) Install LICENSE member</li> </ul>		Yes	jerny2		jerry2	noFeedback
	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes	jerry2		jerry2	noFeedback

The rest of the steps are successfully completed.



orkflows	dministrative functions for assigning work	Workflc	yress.			Se	ttings   Help	Let's take another step on
Actions 👻 🖂 Active 👻		g r s					Search	our journey.
🐎 No filter applied								
Workflow Name Description Filter Filter	Version Vendor Filter Filter	Access Owner Filter Filter	System Filter	Status	Percent Complete	Date Created(GMT) Filter	N	We can specify
		There is no da	ta to display.				t	the variable
	Create Workflor	v					N.	values in an
	ADCOPLOYIGSU * Workflow definition f JERRYWORKFLOV Workflow variable inpu JERRYWORKFLOV < Back	V1)  v ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	• Cancel	leip				



Actions * 🖸 Active *	Create Workflow	1		Search steps to myself
No filter applied      Workflow Name     Pilter      Pilter	Location (system) of definition and variable input files: ADCDPL_SOW1 (SOW1) Workflow definition file: JERRYWORKFLOW/PDS(VAR2DEFN) Description: Install the DTS Software suite of products. Version: Version: Is Callable: ? DTS Software 7.1 In the same system * Workflow name: Install the DTS Software suite of products Workflow_0 * Owner user ID: Archive SAF ID: * System (where workflow steps will be performed): jerry2 i * jerry2 * ADCDPL_SOW1) * Comments: * Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Open workflow on finite * sign all steps to owner user ID: Delete workflow on completion	Percent Complete	Date Created(GMT). Filler	because I have the power to do everything that needs to be done

9189 54



■ 2PDT-NC Jerry - □ ×	
File Edit Font Transfer Macro Options Window Help	I hese are the
	variables and
<u>F</u> ile <u>E</u> dit_Settings <u>M</u> enu <u>U</u> tilities <u>C</u> ompilers <u>T</u> est <u>H</u> elp	valiables allu
VIEW         JERRY. WORKFLOW.PDS(VAR2DEFN) - 01.02         Columns 00001 00152           Command         ===>         Scroll         ===> CSR	their values.
000003 servivi = 5123150 000004 volser = 51250	
000005 version = R71 ****** ******************************	I specified values
	for all the
File Edit Edit Settings M	variables so the
<u><math>\underline{r}</math></u> $\underline{r}$	
	workflow will run.
VIEW JERRY, WORKFLOW, PDS(	
Command ===>	
<b></b>	
000001  disthla = DTS	
000002 ppodblo - TESTOTS	
bbbbbz product – TESTOTS	
000003  servly = SL23150	
000004 volser = DIS009	
00000E upper on $= 071$	
000005 Version - Kri	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
ISR@PRIM -CONS *DSLI	
Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/	@ <b>()</b> (\$)= 55

SHARE EDUCATE + NETWORK + INFLUENCE

					W	orkflows				- 🗆 ×	L aliakad an
Work Inst	flows Install the Data I the DTS Sc	DTS Software s	suite of products Workflow_0 ite of products Workflow_0							Settings   Help	Perform for the
►V	/orkflow Details										first step
Wo	rkflow Steps										
А	actions 💌								Sear	rch 🗌 All step content 🥐	Lolick Pofrach to
1	✤ No filter applie	ed									I CIICK Reliesh to
	State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	show the
	🖌 Complete	1	Create the production data sets		Yes		jerry2	General	jerry2	noFeedback	Workflow making
	🗸 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		jerry2	System Programmer	jerny2	noFeedback	its progress
	🗸 Complete	3	(Optional) Add the DIF proc to PROCLIB		Yes		jerry2	System Programmer	jerry2	noFeedback	no progress
	Submitted	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes		jerry2		jerry2	noFeedback	
	🔌 Not Ready	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes		jerry2		jerry2	noFeedback	
	👋 Not Ready	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes		jerry2	Systems Programmer	jerry2	noFeedback	
	😽 Not Ready	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes		jerry2		jerry2	noFeedback	
	😽 Not Ready	8	(Optional) Install LICENSE member		Yes		jerry2		jerry2	noFeedback	
	💊 Not Ready	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes		jerry2		jerry2	noFeedback	
To	tal: 9 Selected: 0 Return to Workflov	ws R	Jast refresh: Jul 18, 2023, 9:17:1	2.AM local time (Jul 18, 2023	4					,	

More progress Workflows > Install the DTS Software suite of products. - Workflow\_0 Settings | Help Install the DTS Software suite of products. - Workflow\_0 Notes | History Workflow Details Workflow Steps Search 📃 All step content 🥐 Actions -🐎 No filter applied No. Filter Title Filter CalledWorkflow Automated Filter Use RunAsUser ID Filter Owner Filter Assignees Filter State Filter Skill Category Feedback status Filte Complete 1 Create the production data sets Yes jerny2 General jerry2 noFeedback 📃 🖌 Complete 2 (Optional) APF Authorize the Loadlib data set Yes jerny2 System Programmer jerny2 noFeedback 📃 🛹 Complete 3 (Optional) Add the DIF proc to PROCLIB Yes jerny2 System Programmer jerry2 noFeedback 📃 🖌 Complete 4 Copy members into the PARMLIB, ISPF, and RULE Libraries Yes jerry2 jerry2 noFeedback 📃 🖌 Complete 5 (Optional) Copy modules into an APF authorized library Yes jerry2 jerry2 noFeedback 📃 🔿 Ready (Optional) Link DTS modules into an APF authorized library Systems Programmer 6 Yes jerny2 jerny2 noFeedback 📃 🛶 Not Ready 7 (Optional) Implement ISPF interface Yes jerny2 noFeedback jerny2 📃 🔌 Not Ready 8 (Optional) Install LICENSE member Yes jerny2 jerny2 noFeedback 📃 🛶 Not Ready noFeedback 9 (Optional) Verify the installation Yes jerny2 jerny2 Total: 9 Selected: 0 Return to Workflows Refresh Last refresh: Jul 18, 2023, 9:17:31 AM local time (Jul 18, 2023, 1:17:31 PM GMT)

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 57

SHARE EDUCATE + NETWORK + INFLUENCE

									Notes   History	comple
Workflow Details										
/orkflow Steps								Sear	h 🔲 All step content 🧿	withou
No filter applie	ed									interve
State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter	
🗌 🛹 Complete	1	Create the production data sets		Yes		jerry2	General	jerry2	noFeedback	
🖉 🖌 Complete	2	<ul> <li>(Optional) APF Authorize the Loadlib data set</li> </ul>		Yes		jerry2	System Programmer	jerry2	noFeedback	
🕘 🛹 Complete	з	<ul> <li>(Optional) Add the DIF proc to PROCLIB</li> </ul>		Yes		jerry2	System Programmer	jerny2	noFeedback	
🗌 🖌 Complete	4	<ul> <li>Copy members into the PARMLIB, ISPF, and RULE Libraries</li> </ul>		Yes		jerry2		jeriy2	noFeedback	
🗋 🖌 Complete	5	<ul> <li>(Optional) Copy modules into an APF authorized library</li> </ul>		Yes		jerry2		jerry2	noFeedback	
🖌 🖌 Complete	6	<ul> <li>(Optional) Link DTS modules into an APF authorized library</li> </ul>		Yes		jerry2	Systems Programmer	jerry2	noFeedback	
🛛 🛹 Complete	7	<ul> <li>(Optional) Implement ISPF interface</li> </ul>		Yes		jerry2		jerry2	noFeedback	
🗸 🗸 Complete	8	(Optional) Install LICENSE member		Yes		jerry2		jerry2	noFeedback	
🗸 🗸 Complete	9	<ul> <li>(Optional) Verify the installation</li> </ul>		Yes		jerry2		jerry2	noFeedback	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©(•)(\$)(=) 58



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋

	EDUCALE / NET WORK / INFLUENCE
Edit Workflow Definition         Create New Workflow         Open Existing         Open Existing	■ This is a different workflow from the previous one. It demonstrates steps that are composites of other steps as well as a workflow calling another workflow

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$∋ 60

SHARE

rkflow Edil	or	WorkTow Editor			h step shown is
rkflow Definition	; JERRY,WORKFLOW,PDS(TESTQA)				
/letadata	Steps Variables Feedback Input Properties			ster	DS.
workflow is cor	nposed of one or more units of work called steps. A workflow definition	file must contain at least one step; each step can contain substeps. On th	is tab, you can launch actions to view or modify the steps in the selected workflow	definition.	
Actions *	Create Step			Search	
Step No.	Name	Title	Signature Status		
) 1		Install Products			
) 2		Installation Verification			
3	+ Test_Cases	Test Cases			
Total: 12 Select	ođ: 0				
Save	Save As Test Cancel				

SHARE

Workflow I Workflow Defi Metadata	Editor hition: JERRY. Steps	WORKFLOW PI	DS(TESTQA)	nput Properties		Workflow Editor				- [	elp	Step 1 is a composite of six other steps
A workflow i	composed o	f one or more uni	ts of work called s	stens Aworkflow de	efinition file must cont	ain at least one sten, each sten can contain substens. On t	this tab, you can launch actions t	view or modify the steps in th	e selected workflow definition			
Amoralowi	composed o	in one of more and	to of work called a	steps: A normon at		an ar least one step, each step can contain substeps. On	ana tab, you can taution actions t	s were steps in an				
Actions	Create	e Step								Search		
Step N	o. Nam	e				Title		Signature Status				
01	🖃 ln	stall_Products_fo	r_QA			Install Products						
O 1.1	1	Stop_DIF_STC				Stop DIF STC		WA				
0 1.2		Delete_Run_Da	itasets			Delete Run Datasets		N/A				
0 1.3		Execute_Install	Steps			Automatically execute all of the Install steps		WA				
0 1.4		Create_DSL_D	atabase			Create DSL Database		WA				
0 1.5		Create_IVP_Ru	les			Create IVP RULES		WA			4	
0 1.6		Move_LICENSE	_and_STARTxx_M	lembers		Move LICENSE and STARTxx Members		₩A				
0 2	💽 In	stallation_Verifica	tion			Installation Verification						
О з	🛨 Te	est_Cases				Test Cases						
Total: 12 S Save	elected: 0	Save As	Test	Canc	el							

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 62

SHARE

/orkflow Ed	itor			Help	more intriguing It
Vorkflow Definiti	on: JERRY.WORKFLOW.PDS(TESTQA)				colle the workflow we
Metadata	Steps Variables Feedback	Input Properties		Variable Details	
A workflow is c contain subste	omposed of one or more units of work called os. On this tab, you can launch actions to vie	d steps. A workflow definition file must co w or modify the steps in the selected w	ontain at least one step; each step can orkflow definition.	Step Details	examined earlier.
Actions *	Create Step		Search		
Step No.	Name	Title	Signature Status	Template Contents	Looking at the <b>Type</b>
0 1	Install_Products_for_QA	Install Products		The step type indicates the type of processing that the step performs. On this tab, you can modify the related details.	definition. we see the
0 1.1	Stop_DIF_STC	Stop DIF STC	N/A		Ston Type is Calling
0 1.2	Delete_Run_Datasets	Delete Run Datasets	N/A	Step type: Calling Step	Step Type is Calling
• 1.3	Execute_Install_Steps	Automatically execute all of the Install steps	N/A	Call Workflow By: name (ID/version)	Step.
0 1.4	Create_DSL_Database	Create DSL Database	N/A	Instal_DTS_Product_Suite 7.1	
0 1.5	Create_IVP_Rules	Create IVP RULES	N/A	Workflow Definition File:	The Workflow
0 1.6	Move_LICENSE_and_STARTxx_	Move LICENSE and STARTxx Members	N/A	File path contains substitution	<b>Definition File</b> is the
0 2	Installation_Verification	Installation Verification		Workflow Variable Input File:	
О з	Test_Cases     ■	Test Cases		File path contains substitution	file we looked at
				* Workflow Description:	earlier. So those
				Install the DTS Software suite of products.	ning (0) stone will be
				Transfer variable values from this workflow to the called workflow  December Development	nine (9) steps will be
				Help	executed when we
Total: 12 Sele	sted: 1				run this workflow.
Sauc	Cause As Toot	Canaal			

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 63

SHARE

orkflow l	Editor						tab, scroll
/orkflow Defi	nition: JE	ERRY.WORKFLOW.PDS(TESTQA)					forward click
Metadata	Step	ps Variables Feedback	Input Properties		Va	Variable Details	
A workflow is contain subs	s compo steps. Or	ised of one or more units of work called n this tab, you can launch actions to vie	steps. A workflow definition file must co w or modify the steps in the selected wi	ntain at least one step; each step can rkflow definition.	Str	Step Details     Overview Prerequisites Instructions     Type Conditions Security Variables Feedback      Type	Transfer
Actions	•   c	Create Step		Search		Instanture DTS Sontware some on products.	variable values
Step N	lo.	Name	Title	Signature Status		Transfer variable values from this workflow to the called workflow	from this
01		Install_Products_for_QA	Install Products			Regular Expressions: Add Expression	workflow
0 1.1		Stop_DIF_STC	Stop DIF STC	N/A			
0 1.2		Delete_Run_Datasets	Delete Run Datasets	N/A		Remove	
• 1,3		Execute_Install_Steps	Automatically execute all of the Install steps	N/A		*	Map the variable
0 1.4		Create_DSL_Database	Create DSL Database	N/A	Þ	Variables to be Transferred to Called Workflow Table	names in the
0 1.5		Create_IVP_Rules	Create IVP RULES	N/A		Actions * Search	calling workflow
0 1.6		Move_LICENSE_and_STARTxx_	Move LICENSE and STARTxx Members	N/A		Variable Name Map To	to the variable
0 2		Installation_Verification	Installation Verification			schiq prodhiq	
О з		* Test_Cases	Test Cases			volser volser	names in the
							called workflow
						Total: 5 Selected: 0	
						Transfer variable values from the called workflow to this workflow	
						Help	
Total: 12 S	elected:	2					

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€)\$∋ 64

SHARE



Workflows Simplifies tasks through guided step-ba	ased workflows, and provides ad	iministrative functions for as	signing workflow r	responsibilities an	Workflov d tracking progr	ws				Settings   Help	Let's run this workflow!
Actions  Active	7									Search	
Open Modify Cancel	escription Iter	Version Filter	Vendor Filter	Access Filter	Owner Filter	System Filter	Status	Percent Complete	Date Created(GMT) Filter		
Delete Archive Stop Automation. Generate Feedback Summary Create New Based on Existing Reactivate Update Worldlow. Customize JOB Statement Workflows View Select All Configure Columns Hide Filter Row Clear Sorts Clear Search					There is no dat	a to display.					
Refresh Last refresh: J	ul 10, 2023, 2:00:55 PM local tim	ne (Jul 10, 2023, 6:00:55 PM	GMT)								

							Settings   Help	Pass in the
orkflows							octarigs (ricip	variable val
olifies tasks through guided step	o-based workflows, and provides ac	ministrative functions for assigning workflow responsibilities and tracking prog	gress.					Variable Var
ctions * 🛛 🔄 Active *							Search	
<ul> <li>No filter applied</li> </ul>								
Workflow Name Filter	Description Filter	Version Vendor Access Owner Filter Filter Filter Filter	System Filter	Status	Percent Complete	Date Created(GMT) Filter		
		There is no da	ita to display.					
		Create Workflow						
		* Location (system) of definition and variable input files: ADCDPL S0W1 (S0W1) * Workflow definition file: JERRYWORKFLOWPDS(TESTOA)	•					
		Vorkflow variable input file: JERRY:WORKFLOW/PDS(VAR40A) < Back Next> Finish	T Cancel Hei	2				
al: 0 Selected: 0								
Refresh Last refresh	n: Jul 10, 2023, 2:00:55 PM local tim	e (Jul 10, 2023, 6:00:55 PM GMT)						

SHARE EDUCATE + NETWORK + INFLUENCE

©∲§∋ 66



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©(€)\$⊜ 67

SHA

	Workflows	- <b>- ×</b>	Accian all stops
Workflows Simplifies tasks through guided step-based workflows, and provides administrative	functions for assigning workflow responsibilities and tracking progress.	Settings   Help	to myself.
Actions • Active •		Search	
No filter applied	Create Workflow		
Workflow Name         Description           Filter         Filter	Location (system) of definition and variable input files: ADCDPL_SOW1 (SOW1) Worlflow definition file: JERRY:WORKFLOW/PDS(TESTOA) Variable input file: JERRY:WORKFLOW/PDS(VAR40A) Description: Run QAfor SCC product line Vendor: Version: Is Caliable: ? DTS Software 7.1 Cannot be called by another worlflow * Worlflow name: Run QAfor SCC product line - Worlflow_0 * Owner user ID: Archive SAF ID: ? * System (where worlflow steps will be performed): jerry2 * jerry2 * ADCDPL_SOW1 (SOW1) * Comments: * Access(Learn More): Save jobs output * Open worlflow on finish * Assign all steps to owner user ID: Delete worlflow on completion * Deen worlflow on finish * Assign all steps to owner user ID: Delete worlflow on completion	Percent Complete         Date Created(GMT)           Filter         Filter	
Total: o Selected: o Refresh Last refresh: Jul 10, 2023, 2:00:55 PM local time (Jul 10, 20	123, 6:00:55 PM GMT)		

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

SHARE

orkflow	Steps									
Action	; <b>*</b>								Searc	ch 📃 All step content 🅐
*	No filter applied									
Stat	e r	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Use RunAsUser ID Filter	Owner Filter	Skill Category Filter	Assignees Filter	Feedback status Filter
1 -	n Progress	1	Install Products							noFeedback
4	Ready	1.1	Stop DIF STC		Yes		jerry2		jerry2	noFeedback
] 🔿	Ready	1.2	Delete Run Datasets		Yes		jerny2		jerry2	noFeedback
	Not Ready	1.3	Automatically execute all of the Install steps		Yes		jerry2		jerry2	noFeedback
) 💊	Not Ready	1.4	Create DSL Database		Yes		jerry2		jerry2	noFeedback
] 🔿	Ready	1.5	Create IVP RULES		Yes		jerry2		jerry2	noFeedback
4	Ready	1.6	<ul> <li>Move LICENSE and STARTxx Members</li> </ul>		Yes		jerry2		jerry2	noFeedback
	n Progress	2	Installation Verification							noFeedback
-	n Progress	3	🛨 Test Cases							noFeedback

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 69

SHARE EDUCATE + NETWORK + INFLUENCE

Actions   Actions   Static applied   Filter							
Actions Perform Automated Step   state No.   Pitter Filter   Filter Filter   Filter Filter   I In Progress 1   I In Stop DF STC   I Ready 1.1   I Stop DF STC   I Ready 1.2   I Delete Run Datasets   I Automatically excute all of the selected step, and all subsequent automated step dependencies, unbl one of the blowing occurs:   I all worldfows steps have been completed.   I an On-Automatically excute all of the selected step, and all subsequent automated step dependencies, unbl one of the blowing occurs:   I all worldfows steps have been completed.   I an On-Automatically excute all of the selected step, and all subsequent automated step dependencies.   I an Work Ready   1.3   I Automatically excute all of the members   I Anone Ready   1.4   I Create NP RULES   I horegress   2   I horselation verification   I horogress   3   I horogress   3 <t< th=""><th>dlow Steps</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	dlow Steps						
State applied   State   Piter   Piter <td< th=""><th>ctions *</th><th></th><th></th><th>Perform Automated Step</th><th></th><th></th><th>Search 🔲 All step content 🥐</th></td<>	ctions *			Perform Automated Step			Search 🔲 All step content 🥐
State Filter       No. Filter       Title Filter       Title Filter       The selected step can be performed automatically. How would you like to proceed?       Performatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, unit one of the following occurs:       Performatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, unit one of the following occurs:       Performatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, unit one of the following occurs:       Performatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, unit one of the following occurs:       Performatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, unit one of the following occurs:       Performatically perform the selected step, and all subsequent automated atomatically perform the selected step, in reaction, on a non-automated, non-Complete step, is reached, or a nervo occurs:       Performatically perform the selected step, or a nervo occurs:       Performatically perform the sel	<ul> <li>No filter applie</li> </ul>	i			,		
Improgress       1       Install Products       Improducts	State Filter	No. Filter	Title Filter	C The selected step can be performed automatically. How would you like to proceed?	tegory	Assignees Filter	Feedback status Filter
Image: Pready       1.1       Image: Stop DIF STC       Image: Pready       1.1       Image: Stop DIF STC       Image: Pready       1.2       Image: Pready       1.3       Image: Pready       1.3       Image: Pready       1.3       Image: Pready       1.4       Image: Pready       1.5       Image: Pready       1.6       Image: Pready       Image: Pready       1.6       Image: Pready       Image: Pready       1.6       Image: Pready	🗰 in Progress	1	Install Products	Automatically perform the selected step, and all subsequent automated steps, according to their declared step dependencies, until one of the steps.			noFeedback
Image: Property of the sector of the sect	📫 Ready	1.1	Stop DIF STC	tollowing occurs: <ul> <li>all workflows steps have been completed</li> </ul>		jerry2	noFeedback
Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image: Section of Constraints       Jerry2         Image: Section of Constraints       Image	📫 Ready	1.2	Delete Run Datasets	a non-automated, non-Complete step, is reached, or		jerry2	noFeedback
No Not Ready       1.4          • Create DSL Database           • Manually perform the selected step.           jerry2             • Ready        1.5          • Create VP RULES           vhen input file variable conflicts occur:           jerry2             • Ready           1.6           • Move LICENSE and STARTxx         Members           • Always use input file values. Existing values will be overwritten and         automation will continue.           jerry2             • In Progress           • Installation Verification           o Always keep existing values. Input file values will be ignored and         automation will continue.           jerry2             • In Progress           • Installation Verification           jerry2             • In Progress           • Installation Verification           jerry2             • In Progress           • Installation Verification           o Always keep existing values. Input file values will be ignored and         automation will continue.           jerry2             • In Progress           • Installation Verification           o Always keep existing values. Input file values           jerry2             • In Progress           • I	🔌 Not Ready	1.3	Automatically execute all of the Install steps	Automatically perform the selected step only.		jerry2	noFeedback
• Ready           1.5         • Create IVP RULES           When input file variable conflicts occur:         • Always use input file values. Existing values will be overwritten and automation will continue.           jerry2             • Ready           1.6         • Installation Verification           automation will continue.           jerry2             • In Progress           2         • Installation Verification           automation will continue.           jerry2             • In Progress           3         • Installation Verification           Always keep existing values. Input file values will be ignored and automation will continue.           jerry2             • In Progress           3         • Installation Verification           Always keep existing values. Input file values will be ignored and automation will continue.           jerry2             • In Progress           3         • Installation Verification           Always keep existing values. Input file values will be ignored and automation will continue.           jerry2             • In Progress           3         • Installation Verification           Always keep existing values. Input file values           jerry2	🕸 Not Ready	1.4	Create DSL Database	O Manually perform the selected step.		jerry2	noFeedback
Image: Progress       1.6       Image: More LICENSE and STARTX Members       Image: Progress       Image: Progress       2       Image: Progress       2       Image: Progress       2       Image: Progress       3       Image: Progress       3       Image: Progress       3       Image: Progress       0       Always keep existing values will be ignored and automation will continue.       Image: Progress       0       Image: Progress       Image: Progress       Image: Progress       0       Image: Progress       Image: Progress       Progress       0       Image: Progress       Progress       Progress       Image: Progress       Prog	📫 Ready	1.5	Create IVP RULES	When input file variable conflicts occur:		jerry2	noFeedback
Improgress       2       Improgress       3       Improgress       3       Improgress       O Always keep existing values. Input file values will be ignored and automation will continue.       Improgress       Improgress       Improgress       Improgress       Improgress       O Always keep existing values. Input file values will be ignored and automation will continue.       Improgress       Im	📫 Ready	1.6	Move LICENSE and STARTxx Members	Always use input file values. Existing values will be overwritten and automation will continue.		jerry2	noFeedback
In Progress 3 Test Cases     OAllow step or workflow owner to choose whether the input file value	💷 In Progress	2	Installation Verification	Always keep existing values. Input file values will be ignored and automation will continue.			noFeedback
or existing value should be used for each conflicting variable. Automation will be stopped.	💷 In Progress	3	Test Cases	<ul> <li>Allow step or workflow owner to choose whether the input file value or existing value should be used for each conflicting variable. Automation will be stopped.</li> </ul>			noFeedback
OK Cancel Help				OK Cancel Help			
							)

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 70

SHARE

Running merrily Workflows 
Run QA for SCC product line - Workflow\_0 Settings | Help along ... Run QA for SCC product line - Workflow\_0 Notes | History ▶ Workflow Details Workflow Steps Search 📃 All step content 🥐 Actions -🐎 No filter applied No. Filter Title Filter CalledWorkflow Automated Filter Assignees Filter Feedback status State Filter Use RunAsUser ID Owner Skill Category Filter Filter Filte 📃 💷 In Progress 1 Install Products noFeedback 📃 🖌 Complete 1.1 Stop DIF STC noFeedback Yes jerny2 jerny2 📃 🖌 Complete 1.2 Delete Run Datasets Yes jerry2 jerny2 noFeedback 📃 💷 In Progress 1.3 Automatically execute all of the Install steps Install the DTS Software suite of Yes jerny2 jerny2 noFeedback products. - Workflow\_0 📃 🔌 Not Ready 1.4 Create DSL Database Yes jerry2 jerny2 noFeedback Ready 1.5 Create IVP RULES Yes jerny2 jerny2 noFeedback 📃 📫 Ready 1.6 Move LICENSE and STARTxx Yes jerry2 jerny2 noFeedback Members In Progress 2 + Installation Verification noFeedback 📃 💷 In Progress 3 🛨 Test Cases noFeedback Total: 12 Selected: 0 Return to Workflows Refresh Last refresh: Jul 10, 2023, 2:03:56 PM local time (Jul 10, 2023, 6:03:56 PM GMT)

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 71

... and running Workflows 
Run QA for SCC product line - Workflow\_0 Settings | Help Run QA for SCC product line - Workflow\_0 Notes | History ▶ Workflow Details Workflow Steps Search 📃 All step content 🥐 Actions -🐎 No filter applied No. Filter Title Filter CalledWorkflow Automated Filter Assignees Filter State Filter Use RunAsUser ID Owner Skill Category Feedback status Filter Filter Filte Complete 1 Install Products noFeedback 📃 🖌 Complete 1.1 Stop DIF STC noFeedback Yes jerry2 jerny2 📃 🖌 Complete 1.2 Delete Run Datasets Yes jerry2 jerny2 noFeedback 📃 🖌 Complete Install the DTS Software suite of Yes products. - Workflow\_0 1.3 Automatically execute all of the Install steps jerny2 jerny2 noFeedback 📃 🖌 Complete 1.4 Create DSL Database Yes jerry2 jerny2 noFeedback Complete 1.5 Create IVP RULES Yes jerny2 jerny2 noFeedback 📃 🛹 Complete 1.6 Move LICENSE and STARTxx Yes jerry2 jerny2 noFeedback Members 📃 💷 In Progress 2 + Installation Verification noFeedback 📃 💷 In Progress 3 🛨 Test Cases noFeedback Total: 12 Selected: 0 Return to Workflows Refresh Last refresh: Jul 10, 2023, 2:04:32 PM local time (Jul 10, 2023, 6:04:32 PM GMT)

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 72

SHARE
#### AN EVEN MORE COMPLEX WORKFLOW

Workflow Workflows 
Run QA for SCC product line - Workflow\_0 Settings | Help successfully Run QA for SCC product line - Workflow\_0 Notes | History completed! Workflow Details Workflow Steps Search 📃 All step content 🥐 Actions -🚁 No filter applied CalledWorkflow Skill Category No. Filter Title Filter Automated Filter Assignees Filter Feedback status State Filter Use RunAsUser ID Owner Filter Filte Complete 1 Install Products noFeedback 📃 🖌 Complete 1.1 Stop DIF STC noFeedback Yes jerny2 jerny2 📃 🖌 Complete 1.2 Delete Run Datasets Yes jerry2 jerny2 noFeedback 📃 🖌 Complete Install the DTS Software suite of Yes products. - Workflow\_0 1.3 Automatically execute all of the Install steps jerny2 jerny2 noFeedback 📃 🖌 Complete 1.4 Create DSL Database Yes jerry2 jerny2 noFeedback Complete 1.5 Create IVP RULES Yes jerny2 jerny2 noFeedback 📃 🛹 Complete 1.6 Move LICENSE and STARTxx Yes jerry2 jerny2 noFeedback Members Complete 2 + Installation Verification noFeedback 📃 🖌 Complete 3 🛨 Test Cases noFeedback Total: 12 Selected: 0 Return to Workflows Refresh Last refresh: Jul 10, 2023, 2:04:48 PM local time (Jul 10, 2023, 6:04:48 PM GMT)

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()§⊜ 73

SHARE EDUCATE + NETWORK + INFLUENCE



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

@**!**\$=



Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 75



SHA

		EDU	CALE + NET WORK + INFLUENCE
Software Management Use this task to view details about yo Software Instances Portable Software Instances Products Deployments Categories Settings	Software Management our software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs, Learn more, Define your software to z/OSMF; deploy software; generate reports about your software. Define your portable software instances to z/OSMF. Yiew a consolidated list of the products included in each software instance. Deploy a software instance, and manage existing deployments. Create new categories for your software instances and deployments, and manage existing categories. Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.	Help	<ul> <li>Software Instances can create both:</li> <li>Software Instance &amp;</li> <li>Portable Software Instance</li> </ul> There are other options here, but we click Software

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 77

Software Management - 🗆 × Help Software Management > Software Instances Software Instances Switch To: + Actions \* ✤ No filter applied Messages Activity Global Zone CSI Target Zones Product, Feature, and Last Modified (Local) Name System Description Categories Filter Filter Filter Filter Filter Filter Filter Filter **FMID** Information Filter Retrieved (Local) Filter AFF260 SOW1 VS FORTRAN COMP/LIB/DEBUG 2.6.0 AFF260.GLOBAL.CSI AFF260T May 13, 2022, 8:54:35 AM Feb 16, 2018, 5:07:59 PM AGG710 SOW1 IBM HOURGLASS V7.1.0 AGG710.GLOBAL.CSI AGG710T May 13, 2022, 8:54:33 AM Feb 16, 2018, 5:13:51 PM AUT350 IBM Tivoli System Automation for z/OS 3.5.0 SOW1 AUT350.GLOBAL.CSI AUT350T Feb 16, 2018, 5:31:32 PM Feb 19, 2018, 2:13:53 PM BAQ300 IBM z/OS Connect Enterprise Edition Continuous Delivery SOW1 BAQ300.GLOBAL.CSI BAQ300T May 13, 2022, 8:54:33 AM Feb 16, 2018, 5:40:34 PM V3.0 ADBB20 S0W1 DB2 Administration Tool for z/OS V11 11.02.00 ADBB20.GLOBAL.CSI ADBB20T Feb 19, 2018, 9:26:37 AM Feb 19, 2018, 2:16:08 PM DB2 Object Comparison Tool for z/OS V11 11.02.00 IBM Tools Base for z/OS 01.05.00 ADBC10 SOW1 IBM DB2 ADMINISTRATION ADBC10.GLOBAL.CSI ADBC10T May 13, 2022, 8:54:35 AM Feb 19, 2018, 9:37:30 AM TOOL FOR 7/05 V12 1 IBM DB2 Object Comparison Tool V12.1 BLZ605 SOW1 IBM RATIONAL TEAM CONCERT V06.0.5 BLZ605.GLOBAL.CSI BLZ605T Apr 20, 2018, 12:11:15 PM Apr 20, 2018, 12:11:14 PM BUZ626 SOM/1 IBM URBANCODE DEPLOY FOR Z/OS V06.02.06 BUZ626.GLOBAL.CSI BUZ626T Feb 19, 2018, 9:57:40 AM Feb 19, 2018, 9:57:40 AM CIU530 SOW1 CICS Interdependency Analyzer CIU530.GLOBAL.CSI CIU530T Feb 19, 2018, 10:02:42 AM Feb 19, 2018, 2:20:08 PM for z/OS 4 Total: 49 Selected: 0 Refresh

z/OSMF presents a listing of all the software installed in your system.

EDUCATE · NETWORK · INFLUENCE

Last refresh: Aug 8, 2023, 3:53:09 AM

Close

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

@€\$∋ 78

 $-\Box \times$ Software Management + Software Instances Help Software Instances Switch To: + Actions \* Copy. Messages Description Activity Global Zone CSI Target Zones Categories Product, Feature, and Last Modified (Local) **FMID** Information Filter Filter Filter Filter Filter Filter Filter Retrieved (Local) Filter VS FORTRAN COMP/LIB/DEBUG 2.6.0 AFF260.GLOBAL.CSI AFF260T May 13, 2022, 8:54:35 AM Feb 16, 2018, 5:07:59 PM Retrieve Product, Feature, and FMID Information IBM HOURGLASS V7.1.0 AGG710.GLOBAL.CSI AGG710T May 13, 2022, 8:54:33 AM Feb 16, 2018, 5:13:51 PM IBM Tivoli System Automation for z/OS 3.5.0 AUT350.GLOBAL.CSI AUT350T Feb 16, 2018, 5:31:32 PM Feb 19, 2018, 2:13:53 PM Maintenance Reports Add. IBM z/OS Connect Enterprise BAO300 GLOBAL CSI BAOSOOT May 13, 2022, 8:54:33 AM Eeb 16 2018 5:40:34 PM Show Hidden Maintenance Reports Edition Continuous Delivery V3.0 Select All 🛅 Deselect All DB2 Administration Tool for z/OS V11 11.02.00 ADBB20.GLOBAL.CSI ADBB20T Feb 19, 2018, 9:26:37 AM Feb 19, 2018, 2:16:08 PM Configure Columns. DB2 Object Comparison Tool for z/OS V11 Hide Filter Row 11.02.00 IBM Tools Base for z/OS 01.05.00 Export Table Data IBM DB2 ADMINISTRATION ADBC10.GLOBAL.CSI ADBC10T May 13, 2022, 8:54:35 AM Feb 19, 2018, 9:37:30 AM Print Table Data . TOOL FOR 7/05 V12 1 IBM DB2 Object Comparison Tool V12.1 BLZ605 SOW1 IBM RATIONAL TEAM CONCERT V06.0.5 BLZ605.GLOBAL.CSI BLZ605T Apr 20, 2018, 12:11:15 PM Apr 20, 2018, 12:11:14 PM BUZ626 SOM/1 IBM URBANCODE DEPLOY FOR Z/OS V06.02.06 BUZ626 GLOBAL CSI BUZ626T Feb 19, 2018, 9:57:40 AM Feb 19, 2018, 9:57:40 AM CIU530 SOW1 CICS Interdependency Analyzer CIU530.GLOBAL.CSI CIU530T Feb 19, 2018, 10:02:42 AM Feb 19, 2018, 2:20:08 PM for z/OS 4 Total: 49 Selected: 0 Refresh Last refresh: Aug 8, 2023, 3:53:09 AM

Close

Click Actions, then Add to create a Software Instance

EDUCATE · NETWORK · INFLUENCE

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()§) 79

18		
Software Management → So Add Software Instar	Software Management     ×       iftware Instance     Add Software Instance       Ice     ×	Provide a name and Description for the
Welcome	Name and Description	Software Instance
i Name and Description	Enter the name and description of the software instance.	Software Instance.
System and Global Zone		
Categories Non-SMP/E Managed	* Name:	Note: Name cannot
Products and Features	DTS_Software_Release_SL23150 [;]	have embedded
Summary	DESchjudni (maximun zabicha aleta, curenuy za characters) DTS Software Release SL23150	spaces.
	< Back Nexts Finish Cancel	
<u> </u>		
	Copyrights by Shake Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.	™ ©()§)= 80

Softw Sele	vare Managem ect Systen	ent	tances ▶ Add Si	oftware Instance 🕨 Select Syster	m	Software Mar	agement					Help	The next step is to select a system.
Act	tions 💌												
;-	No filter a	pplied											
	Nickname Filter	Sysplex Filter	System Name Filter	Description Filter	z/OSMF Host System Filter	Groups Filter	<b>URL</b> Filter	z/OS Version and Release Filter	JES Member Name Filter	JES Type Filter	CPC Name Filter	CPC Serial Filter	I selected the firs
0	SOW1	ADCDPL	SOW1			IYUCLOUD	https://S0W1.DAL- EBIS.IHOST.COM:10443/zosmf	z/OS V2R2	SOW1	JES2			System.
D	S0W1_001	ADCDPL	S0W1				https://S0W1.DAL- EBIS.IHOST.COM:443/zosmf	z/OS V2R3	S0W1	JES2			
D	S0W1_002	ADCDPL	S0W1				https://localhost:10443/zosmf	z/OS V2R3	SOW1	JES2			
Foto	▲ al: 3 Selected:	0										•	

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 81

ð	Software Management	
and a second second second		Next select a
Software Management + So	trware instances + Add Somware Instance Heip	
Add Software Instar		Global Zone CSI.
Welcome	System and Global Zone	
🗸 Name and Description	-	
System and Global	obser alle system die global zuite oor associated min die product set. It die solitiere being delinea is net managed by om te select to ooralizatio.	In our oppo wo do
Categories		In our case we do
Non-SMP/E Managed		not uso SMDE for
Data Sets	s System:	
Products and Features	SUW1 Select	our install select
Summary		our mistail, select
		No Global Zone
	* Global Zone CSI (Learn more):	
	Nn Gibbal Zone CSL	CSI
	ADB20.GLOBAL.CSI	0011
	CPH530.GLOBALCSI	
	ADBC10.6LOBAL.CSI	
	CTG920.GLOBAL.CSI	
	DDA211 GLOBAL CSI	
	DDC211.GLOBALCSI	
	DFSF10.GLOBAL.CSI	
	DGA520 GLOBAL CSI	
	DIT130.GLOBALCSI	
	AFF200 GLOBALCSI	
	DSNB10.6LOBAL.CSI	
	DSNC10.GLOBAL.CSI	
	More choices	
	(Park Name) Einich Canad	

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

EDUCATE · NETWORK · INFLUENCE

©€\$∋ 82

Software Management  Software Instances  Add Software Instance  New Category  New Category  Name: DTS_Software_Release DTS_Software_Release Create releases of DTS Software	For your first venture into Software Instances, you will have to create a category.
OK Reset Cancel	
Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommer	rcial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

Software Management ▶ So Add Software Instan	ftware Instances    Add Software Instance	Sof	tware Management	- 🗆 × Help	Next specify the Non-SMP/E
Welcome Name and Description System and Global Zone Categories Non-SMP/E Managed Data Sets Products and Features Summary	Non-SMP/E Managed Data Sets z/OSMF automatically includes a data set in 1 instance, such as a procedure library, configu	updated by SMP/E but is associated with the software in the software	Managed Data Sets.		
	Data Sets Actions  Modify Remove	Click on Actions, then Add.			
	Add         Add         Select All         Hide Filter Row.         Clear Sorts         Export Table Data >         Print Table Data >				
	< Back Next>	Finish Cancel	work is licensed under a Creative Commons Attribution NonCommonsial N	laDarius 2 a license, http://crastivecommons.org/licenses/burgs.od/2 a	0000 **

Software Management  Software Management Software Management Software Management Software Management Software Management Software Management Add Data Set Add Data Set To identify the data sets to be added to the software instance, specify a data set name qualifier, volume, or both, and click Search. Then, select the data sets you want to add. For valid data set name qualifiers, select Learn more Data set name qualifier: DTS:R71.SL23150 Volume: T60 Select or type Select or type Select or type Select or type Select Data Sets to Add	— □ × Help	z/OSMF searches for the data sets to make up the Software Instance.
Actions       No filter applied       Pata Set Name     Volume       Filter     Filter		Specify the Data set name qualifier, then click Search.
Total: o Selected: o		

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$)∋ 85

9.		Software Management	×	
Software Management → Software Instances Add Data Set To identify the data sets to be added to the so Data set name qualifier: DTS.R71.SL23150 Select Data Sets to Add Actions *	Add Software Instance  Add Data Set  Add Software instance, specify a data set name qualifier, volume, or both, and click:  Volume:  Volume:  Select or type 760	Search. Then, select the data sets you want to add. For valid data set name qualifiers, select Learn more Search	Help	The results of my search provide all the data sets needed for the installation workflow.
🐎 No filter applied		_		
Data Set Name Filter	Volume Filter			
DTS.R71.SL23150.INSTLIB	DTS009			
DTS.R71.SL23150.ISPFLIB	DTS009			
DTS.R71.SL23150.LOADLIB	DTS009			
DTS.R71.SL23150.RPTLIB	DTS009			
DTS:R71.SL23150.SAMPLIB	DTS009			
		4		
Total: 5 Selected: 5	,			
OK Cancel				

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$∋ 86

Software Management > Soft Add Software Instant Welcome Name and Description System and Global Zone Categories	tware Instances  Add Software Instance Ce Non-SMP/E Managed Data Sets z/OSMF automatically includes a data set in the software instance if instance, such as a procedure library, configuration file, or vendor pr	Help	z/OSMF shows the selected Non- SMP/E Managed Data Sets.		
Non-SMP/E Managed     Data Sets     Products and Features     Summary	Data Sets Actions No filter applied				
	<ul> <li>Name Filter</li> <li>DTS.R71.SL23160.INSTLIB</li> <li>DTS.R71.SL23150.ISPFLB</li> <li>DTS.R71.SL23150.OADLIB</li> <li>DTS.R71.SL23150.RPTLB</li> <li>DTS.R71.SL23150.SAMPLIB</li> </ul>	Volume       Filter			
	I otal: 5 beleeted: 5       < Back	Cancel			

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$⊜ 87

				Software Ma	anagement				No Products or
Software Management → So	ftware Instances  Add Software Instance								
Add Software Instan	ice								Features to specif
Welcome	Products and Features								
<ul> <li>System and Global Zone</li> <li>Catagorica</li> </ul>	Optionally Identify any products and features	associated with the Non-S	MP/E managed data se	ts.					
Vicategories	Deaduate and Sections								
Products and	Actions - Table view: Tree								
Features Summary	🍻 No filter applied								
	Product/Feature Release Filter Filter	Product ID Filter	<b>Vendor</b> Filter	Activity Filter	SMP/E Managed Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	

		Software Management - C	
Software Management > So	ftware Instances ► Add Software Instance	Heip	Review selections
Add Software Instan	ce		before finalizing.
Welcome	Summary		5
<ul> <li>Name and Description</li> <li>System and Global</li> </ul>	Review your selections. To make changes, return to the appropriate page	by clicking Back. When you are ready to create the software instance, click Finish.	l'm hanny og Laliak
Zone			Th happy, so I click
Von-SMP/E Managed Data Sets	Name:	—	on Finish
V Products and Features	DTS_Software_Release_SL23150		
🧼 Summary	Description. DTS Software Release SL23150		
	Global Zone CSI Data Set NO GLOBAL ZONE CSI on system SUW1 Target Zones: There is no data to display.		
	Categories: DTS_Software_Release		
	Non-SMP/E Managed Data Sets	Velume	
	DTS R71.SL23150.ISPFLIB		
	Total: 5	•	
	< Back Next> Finish	Cancel	
	Copyright© by SHARE Association Except w	here otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nc	l/3.0/ ©••\$= 89

Software Management  $-\Box \times$ Help Software Management Software Instances Software Instances Switch To: + Actions -🐎 No filter applied System Messages Description Activity Global Zone CSI Target Zones Categories Product, Feature, and FMID Information Last Modified (Local) Name Filter Filter Filter Filter Filter Filter Filter Filter Filter Retrieved (Local) Filter Z/OS V02.01.00 MVS SOW1 zOS V2.3 Base MVS.GLOBAL.CSI CSQ800T, CSQ901T, MVST Feb 19, 2018, 1:05:13 PM Feb 19, 2018, 1:05:12 PM NET621 SOW1 IBM Tivoli NetView for z/OS NET621.GLOBAL.CSI NET621T Feb 19, 2018, 1:09:07 PM Feb 19, 2018, 3:15:06 PM 621 QMFB10 SOW1 QMF Classic Edition V11 QMFB10.GLOBAL.CSI QMFB10T Feb 19, 2018, 1:16:26 PM Feb 19, 2018, 1:16:26 PM QMFC10 DB2 OME FOR 7/OS v12 1 OMEC10 GLOBAL CSL OMEC10T SOM/1 May 13, 2022, 8:54:33 AM Eeb 19 2018 3:17:05 PM SAS210 S0W1 IBM BATCHPIPES FOR OS/390 SAS210.GLOBAL.CSI SAS210T May 13, 2022, 8:54:33 AM Feb 19, 2018, 1:21:01 PM 210 TWS930 S0W1 IBM Tivoli WorkLoad Scheduler TWS930.GLOBAL.CSI TWS930T Feb 19, 2018, 1:25:30 PM Feb 19, 2018, 3:19:17 PM for z/OS V9 WAS900 WEBSPHERE APPLICATION SERVER FOR Z/OS V9 S0W1 WAS900.GLOBAL.CSI WAS900T May 13, 2022, 8:54:35 AM Feb 19, 2018, 3:20:17 PM DDC211 SOW1 DDC211.GLOBAL.CSI DDC211T May 13, 2022, 8:54:34 AM Feb 19, 2018, 2:34:33 PM z/OS Appl Connect DB2 VUE 1210 APS460 SOW1 PRINT SERVICES FACILITY APS460.GLOBAL.CSI APS460T Apr 18, 2018, 3:49:26 PM Apr 18, 2018, 3:49:25 PM 4.6.0 AY503 APPLICATION DISCOVERY CONNECT FOR MAINFRAME SOW1 IAY503.GLOBAL.CSI IAY503T Apr 20, 2018, 12:13:51 PM Apr 27, 2018, 2:26:53 PM V5.0.3 DTS\_Software\_Release\_SL23150 S0W1 Aug 8, 2023, 4:42:28 AM DTS Software Release SL23150 DTS\_Software\_Release Total: 50 Selected: 1

I have successfully created a Software Instance!

SHARE

EDUCATE · NETWORK · INFLUENCE

Refresh Last refresh: Aug 8, 2023, 4:42:02 AM

Close

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$∋ 90

 $-\Box \times$ Help Software Management Software Instances **Software Instances** Switch To: Actions • View Modify Сору.. Messages Description Filter Activity Filter Global Zone CSI Target Zones Categories Product, Feature, and FMID Information Last Modified (Local) Filter Filter Open Deployments Retrieved (Local) Filter Z/OS V02.01.00 Export as Portable Software Instance Remove. CSQ800T, CSQ901T, MVST zOS V2.3 Base MVS.GLOBAL.CSI Feb 19, 2018, 1:05:13 PM Feb 19, 2018, 1:05:12 PM Retrieve Product, Feature, and FMID Information IBM Tivoli NetView for z/OS NET621.GLOBAL.CSI NET621T Feb 19, 2018, 1:09:07 PM Feb 19, 2018, 3:15:06 PM Maintenance Reports 6.2.1 Add. QMF Classic Edition V11 QMFB10.GLOBAL.CSI QMFB10T Feb 19, 2018, 1:16:26 PM Feb 19, 2018, 1:16:26 PM Show Hidden Maintenance Reports DB2 QMF FOR Z/OS v12.1 QMFC10.GLOBAL.CSI QMFC10T May 13, 2022, 8:54:33 AM Feb 19: 2018; 3:17:05 PM Select All IBM BATCHPIPES FOR OS/390 SAS210.GLOBAL.CSI SAS210T May 13, 2022, 8:54:33 AM Feb 19, 2018, 1:21:01 PM 🛅 Deselect All Configure Columns. IBM Tivoli WorkLoad Scheduler for z/OS V9 TWS930.GLOBAL.CSI TWS930T Feb 19, 2018, 1:25:30 PM Feb 19, 2018, 3:19:17 PM Hide Filter Row WEBSPHERE APPLICATION SERVER FOR Z/OS V9 WAS900.GLOBAL.CSI WAS900T May 13, 2022, 8:54:35 AM Feb 19, 2018, 3:20:17 PM Export Table Data Print Table Data . z/OS Appl Connect DB2 VUE 12.1.0 DDC211.GLOBAL.CSI DDC211T May 13, 2022, 8:54:34 AM Feb 19, 2018, 2:34:33 PM JUUZ APS460 PRINT SERVICES FACILITY 4.6.0 SOW1 APS460 GLOBAL CSI APS460T Apr 18, 2018, 3:49:26 PM Apr 18, 2018, 3:49:25 PM AY503 APPLICATION DISCOVERY CONNECT FOR MAINFRAME V5.0.3 S0W/1 IAY503.GLOBAL.CSI IAY503T Apr 20, 2018, 12:13:51 PM Apr 27, 2018, 2:26:53 PM DTS\_Software\_Release\_SL23150 S0W1 DTS Software Release SI 23150 DTS\_Software\_Release Aug 8, 2023, 4:09:09 AM Total: 50 Selected: 1

Now that I have a Software Instance, I can create a Portable Software Instance.

EDUCATE + NETWORK + INFLUENCE

Click on Export as Portable Software Instance.

Refresh Last refresh: Aug 8, 2023, 4:08:43 AM

Close

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()§∋ 91

er.	Software Management – 🗆 🗙			
Software Management	oftware Instances → Export as Portable Software Instance Help Software Instance		Specify a Unix directory.	
Export Properties Review Export Jobs	Export Properties		Ş	
	Specify the properties used for the export to a portable software instance of the selected software instance.		z/OSMF provides	
	System: SDW1		a JCL data set	
	<ul> <li>Enable merging of target data sets when deploying the portable software instance.</li> <li>Sign the portable software instance.</li> </ul>		Work data set	
	* UNIX directory: /u/jerry2/DTS_Software_Release_SL23150		name prenx.	
	* JCL data set name:		Specify a location	
	JERRY2.DM.D230808.TD41102.CNTL		for work data sets.	
	* Work data set name prefix JERRY2.SWDEPL			
	Specify a location for work data sets: Storage class  Volume System determined			
	Add STOR06			
	* JOB statement:			
	< Back Next> Save Finish Cancel			
	Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/	3.0/	© <b>()</b> \$€ 92	

8	Software Management – 🗖 :	×	Provide a job card
Software Management > S	oftware Instances   Export as Portable Software Instance Help	р	
Export as Portable	Software Instance		
Export Properties Review	Export Properties		
Export Jobs	Specify the properties used for the export to a portable software instance of the selected software instance.		
	JERRY2 DM. D230808.T041102.CNTL		
	* Work data set name prefix		
	JERRY2.SWDEPL D		
	Specify a location for work data sets: Storage class D Volume System determined D		
	Enter a volume: * Entered volumes: Add STOR06		
	Remove		
	//= //* //*		
	<i>]]/*</i>		
	Undo Changes Restore Defaults		
	< Back Next> Save Finish Cancel		
	Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nc-	1d/3.0/	@ <b>()</b> \$= 93

Review the summ	Review the summary of the contents for the software instance that will be exported.													
SMP/E Zones	Data Sets	UNIX Data Sets			_								Instance.	
Actions *														
🐎 No filte	r applied													
Data Set M Filter	ame	Messages Filter	Data Set Category Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter	ZF		
DTS.R71.S	L23150.INSTLIB			DTS009	PDS	FB	80	3120	15	66	1			
DTS.R71.S	DTS R71 SL23150 ISPFLIB           DTS R71 SL23150 LOADLIB           DTS R71 SL23150 RPTLIB			DTS009	PDS	FB U	80	3120	180 105	86 84	2			
DTS.R71.S				DTS009	PDS		0	6144						
DTS.R71.S				DTS009	PDS	FB	80	3120	75	12	1			
DTS.R71.S	L23150.SAMPLIB			DTS009	PDS	FB	80	3120	75	74	1			
4 Total: 5												•		
4 Total: 5												•		

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©()\$∋ 94

Messages O	as been submitted. 30808.T044435.CNTL						Close All								
Job "JERRYA" (JOB01549) h ICL data set name: JERRY2 DM D23 System: S0W1 lobs	as been submitted. 30808.T044435.CNTL														
ICL data set name: JERRY2.DM.D23 System: S0W1	30908.T044435.CNTL				Job "JERRYA" (JOB01649) has been submitted.         IZUD786I         Aug 8, 2023, 12:14:20 PM         X										
*. No floor and lod															
Sequence JCL Data Set Filter Hilter	Description Filter	System Filter	<b>Status</b> Filter	Messages Filter	Job Name Filter	Job IC Filter									
1 IZUD01EX	Export Software Instance: Create portable archives for each data set in the software instance.	S0W1	Submitted		JERRYA	JOB01									
Total: 1 Selected: 0           Refresh         Last refresh: Aug															
< Back Next>	Save Finish Cancel														
	No filter applied  Sequence Filter  JCL Data Set Filter  1 IZUD01EX   Kefresh Last refresh: Au <back next="">  Copyright© E</back>	No filter applied Sequence JOL Data Set Filter Filter Priter I IZUD01EX Export Software Instance: Create portable archives for each data set in the software instance. A table 1 Selected: o Refresh Last refresh: Aug 8, 2023, 12:13:32 PM local time (Aug 8, 2023, 4:13:32 PM GMT) < Back Next> Save Finish Cancel Copyright@ by SHARE Association Except where otherwise noted, this work	No filter applied      Sequence JCL Data Set     Pilter     Pilter      I     ZUD01EX     Export Software Instance: Create portable archives for each data     S0W1      set in the software instance.      Refresh     Last refresh: Aug 8, 2023, 12:13:32 PM local time (Aug 8, 2023, 4:13:32 PM GMT)	No filter applied      Sequence JCL Data Set     Filter     Filter     Filter     Filter     Filter     Filter     Filter     Filter     Submitted      Submitted	No filter applied   Status Messages   Filter Filter   Pilter Filter     I ZUD01EX   Export Software instance: Create portable archives for each data   SoW1  Submitted   I ZUD01EX   Export Software instance: Create portable archives for each data   SOW1 Submitted   Filter   I ZUD01EX   Export Software instance: Create portable archives for each data   SOW1 Submitted   Filter   I ZUD01EX   Export Software instance:   I ZUD01EX   Export Software instance:   Solution of the software instance:   I ZUD01EX   Export Software instance:   I ZUD01EX   Export Software instance:   Solution of the software instance:   I Software instance:   Software instance:   I Software instanc	No filter applied         Status       Messages       Job Name         Filter       Filt	No filter applied         Sequence       JoL Data Set Filter       Description Filter       System Filter       Status Filter       Messages Filter       Job Name Filter       Job Do Name Filter       Job Do Name Filter         1       IZUD01EX       Export Software Instance: Create portable archives for each data set in the software Instance.       S0V1       Submitted       JERRYA       JOB01	No filter applied       Status       Meessages       Job Name       Pitter       Job It         1       IZUDD1EX       Export Stoftware Instance.       Stoftware Instance.       Stoftware Instance.       JERRVA       JOB It         1       IZUDD1EX       Export Stoftware Instance.       Stoftware Instance.       Stoftware Instance.       JERRVA       JOB It         1       IZUD01EX       Export Stoftware Instance.       Stoftware Instance.       Stoftware Instance.       JERRVA       JOB It         ************************************							

Software Management → S Export as Portable	oftware Instances ➤ Export as Portable S Software Instance Export Jobs Review the jobs created for this export	— □ × Help	The job has run and the Portable Software Instance has been created	e 1.						
	🕶 Messages 😵 0 🦺 0 👔	Close All								
	10b "JERRYA" (JOB01549)	has been submitted.	PM ×							
	JCL data set name: JERRY2.DM.D System: S0W1									
	Actions *									
	🐎 No filter applied									
	Sequence JCL Data Set Filter Member Name Filter	Description Filter	System Filter	<b>Status</b> Filter	Messages Filter	Job Name Filter	Job IC Filter			
	1 IZUD01EX	Export Software Instance: Create portable archives for each data set in the software instance.	SOW1	Complete		JERRYA	JOB01			
	Image: state of the state o	ug 8, 2023, 12:14:57 PM local time (Aug 8, 2023, 4:14:57 PM GMT) Save Finish Cance					Þ			
	Convright@	) by SHARF Association Excent where otherwise noted this work	r is licensed und	er a Creative Commons Attrib	ition-NonCommercial-NoDer	ivs 2 o license . http://cre	ativecommons or	/licenses/hv-nc-nd/2		



#### WRAP UP

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©**()**\$=





#### **BUILDING A MORE ROBUST WORKFLOW**

- Multiple steps (not just one)
- Different Step Types (JCL and Instructions)
- Automation
- Prerequisites
- Workflow can be called by another workflow

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/





#### EXECUTE THE WORKFLOW

- Assign steps to other users
- Accept and Perform steps
- Specify values for variables
- Specify values for variables in a file

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/





#### AN EVEN MORE COMPLEX WORKFLOW

- Composite steps
- Call another workflow
- Pass variables between workflows

Copyright® by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©**`**)\$= 100





- PSWI (Portable SoftWare Instances) are the answer to providing the source for an install
- Need to create a SoftWare Instance first
- Export the SoftWare Instance as a PSWI

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©∲§∋ 101





**QUESTIONS** 

Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€\$∋ 102

# Your feedback is important!





Copyright© by SHARE Association Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 license. http://creativecommons.org/licenses/by-nc-nd/3.0/

©€§∋ 103

SH

DUCATE • NETWORK • INFLUE