



PLMJobManager

Usage and Configuration Documentation

JobServer Basic

addPLM GmbH

Web: www.addPLM.com

1. [PLMJobManager Basics / System Overview](#)

2. [Working / Usage JobServer](#)

3. [Working / Usage JobClient](#)

4. [Setup / Config JobServer and Processes](#)

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Working with JobManager

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JobClient

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Setup / Config JobServer and Processes

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■ How to process PLMData?

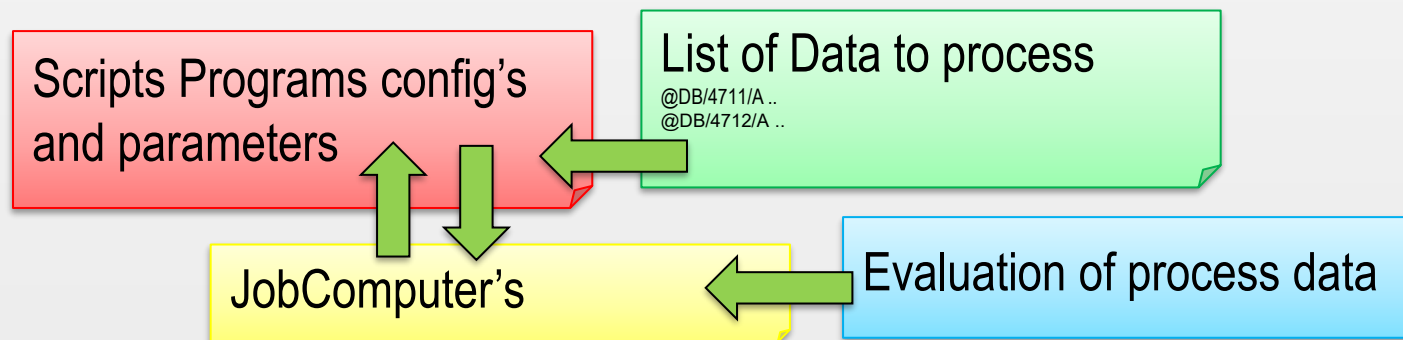
In TC and NX Environment there are many tools to process data in Batch mode like:

- Data migration via → TCIn_Import.exe
- Extracting NX Data information's via → CheckBox for NX
- JT-File generation via → UgToPV
- DXF-File Export via → ugto2d.exe und dxfdwg.exe
- IGES and Step Export
- CMM migration ProE/Catia to NX ..

To run those kind of program's we do need:

- Scripts configurations files and parameters to control a process under defined conditions
- Input list organized in right order of objects to process
- To process them on many computer in the same time.
- also it is needed to have a result evaluation of the process .

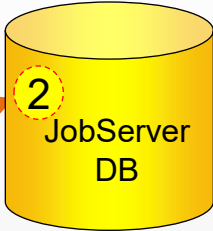
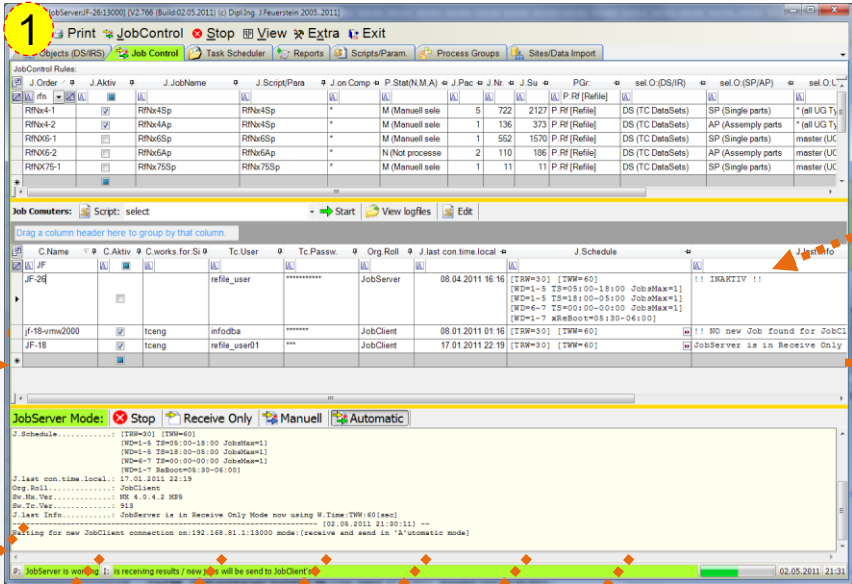
Schema:



The Concept of **PLMJobManager** is: to automate this kind of processes in a performant and understandable way.

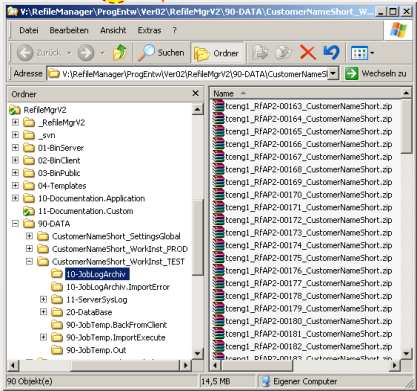
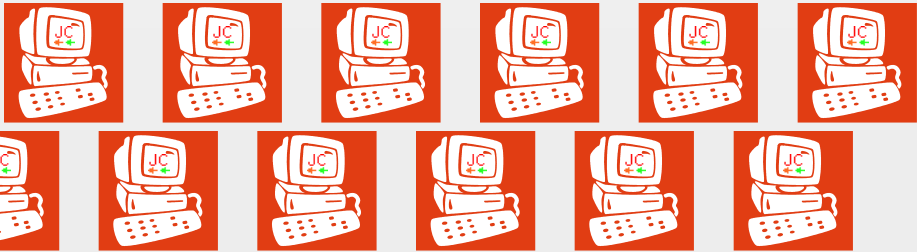
■ PLMJobManager - Process Sketch

The JobServer (1) will be located at one of your locations. It organizes the JobServer-DB (2) organizes all JobClients (3) and storage of the process results. (4)



The JobServer organizing the received JobLogfiles

3 Coordination of the JobClient's

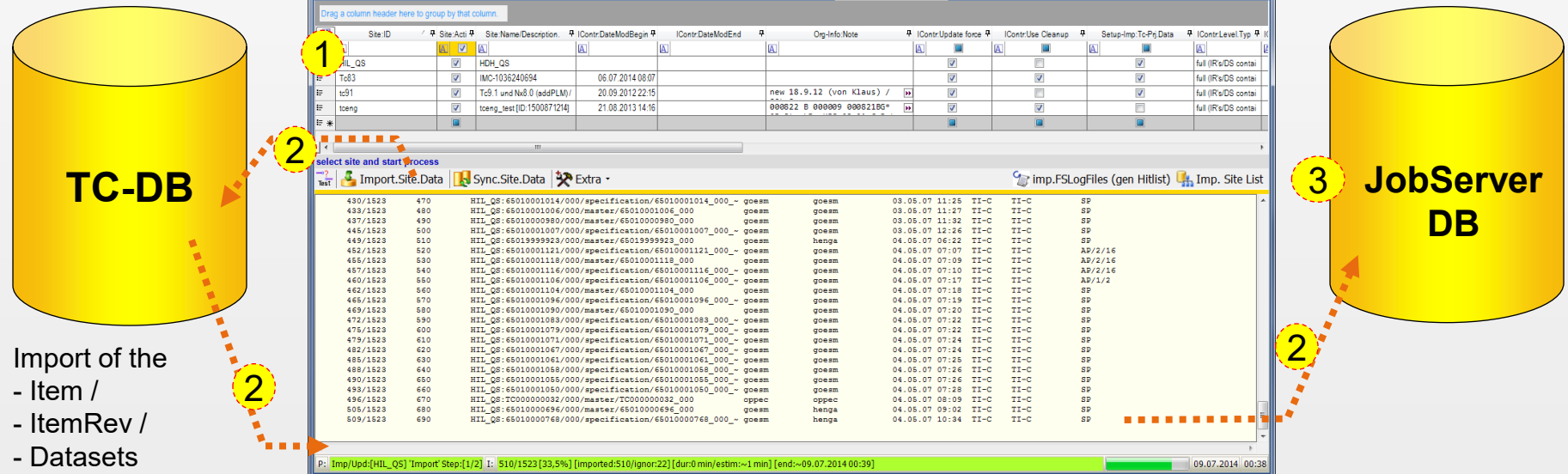


Procedure of the processing:
The JobClients (5) are connecting to the JobServer (1) and receiving a Job (packet) (6). The JobClient hands over the Results to the JobServer (7).

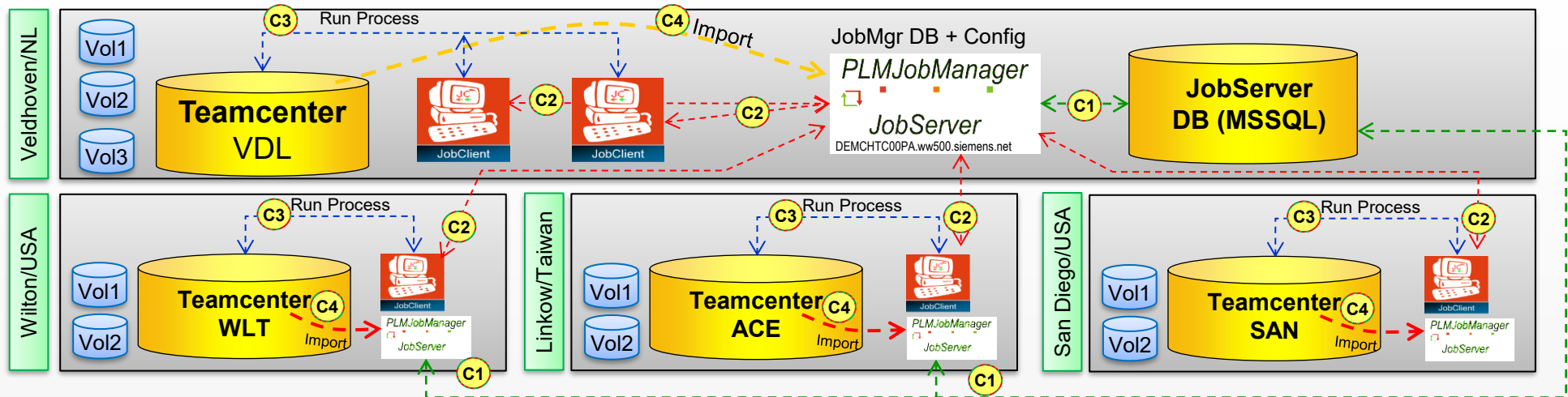
JobManager Database

Load the data into the PLMJobManager

- In the PLMJobServer we register all customer Sites (1)
- Import all ItemRev and Datasets into the JobServer-DB (2).
- This is the content of the JobServer-DB (3) and they are the database for the Job Process



■ System Sketch TC + JobManager



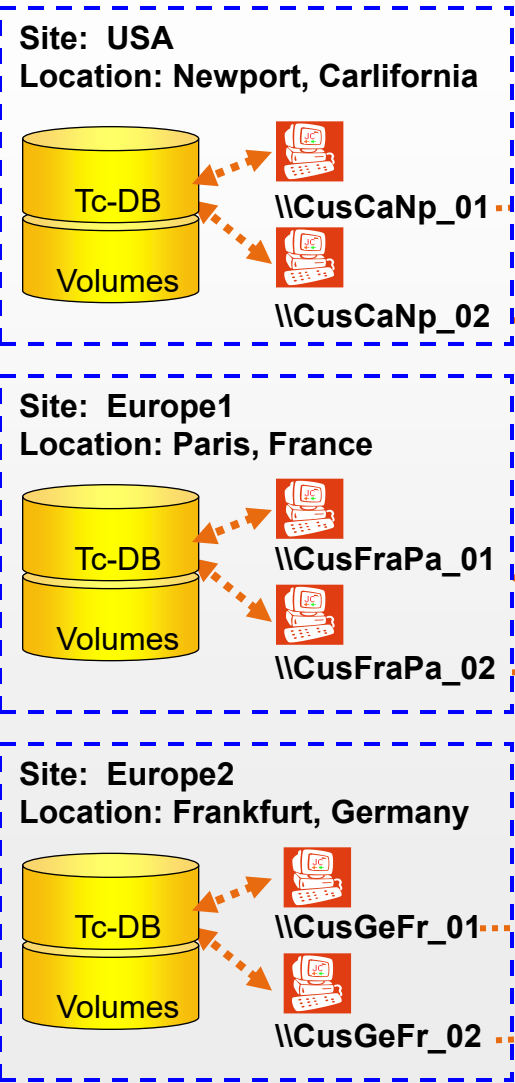
Nr	Description	Connect via:
C1	communication JobServer MS-SQL	TCP:1433 UDP: 1434
C2	communication JobClient – JobServer	Port:13000 / 13001
C3	TC/NX.exe process application	Handel by IT
C4	Import Meta Data from TC Db	Uses TnsNames.ora like (C3)

System prerequisite

1. Teamcenter inc. all Volumes Data
2. The Volumes need to have sufficient free disk space
3. Oracle Read Only User reading data from TC. Database.
4. TC User with DBA rights or sufficient rights to do the process
5. TC User must have sufficient rights to do the process on Volumes
6. Script to get TC Prompt.
7. JobClients with TC + NX installation in the correct version
8. Remote Access to JobClient's
9. 1 GB of Network disk space for PLMJobmanager Software Installation and configuration
10. ~1 GB Network disk space for JobProcess Logfiles for each 250.000 Parts to process.

■ Chart Overview “Multisite environment”

Sites



JobServer in Multisite Environment

The JobServer will be located at one of your locations. From all sites the JobClients will get the Jobs to process on his Site.

JobServer V2.31 (Build:09.02.2008) [WorkInst.:TEST] [JobServer:JF-18:13000] [©Dipl.Ing. J.Feuerstein]

File Print Job's Stop View Extra Exit

Items Rf. Job Control Reports Scripts/Param. Sites/Data Import

Or	JobName	Job description	Aktiv	valid on site	Job Script/Para	MultiSite Objects	Packet IRs si
01	RfSpOwningParts	Refile Single Parts from Owning Site	<input checked="" type="checkbox"/>	All Sites(*)	RfSp	S_Obj	
02	RfSpRemoteParts	Refile Single Parts from Remote Site	<input checked="" type="checkbox"/>	All Sites(*)	RfSp	Remote Obj. only	
03	RfApOwningParts	Refile Assembly Parts from Owning Site	<input checked="" type="checkbox"/>	All Sites(*)	RfAp	S_Obj	
04	RfApRemoteParts	Refile Assembly Parts from Remote Site	<input checked="" type="checkbox"/>	All Sites(*)	RfAp	Remote Obj. only	
*			<input checked="" type="checkbox"/>				

Job Control: Script: select Start View logfiles Edit

Drag a header here to get that column.

Computer Na	Aktiv	work for Site	ComputerAssign	Schedule	Job.Info
CusCaNp_01	<input checked="" type="checkbox"/>	CusCaNP	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
CusCaNp_02	<input checked="" type="checkbox"/>	CusCaNP	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
CusFraPa_01	<input checked="" type="checkbox"/>	CusFraPa	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
CusFraPa_02	<input checked="" type="checkbox"/>	CusFraPa	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
CusGeFr_01	<input checked="" type="checkbox"/>	CusGeFr	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
CusGeFr_02	<input checked="" type="checkbox"/>	CusGeFr	JobClient	[TRW=4] [TWW=15] [WD=* TS=17:30-05:30]	aktive
*	<input checked="" type="checkbox"/>				

Set Server Mode Stop Receive Only Obj.with Status:M (Manuell) Obj.with Status:N (Not Pro

SiteId : CusCaNP
Node Name : CusCaNP_01 (Mem:1023Mb)
Node NK Version : v4.0.3.3
Node TCE Version : 913
RefileJob.Log : _RefileJob.LOG
Refile IR list : CusCaNP_RfSp-00006_CustomerNameShort_ObjectsList.txt
Refile comands : -keep_volume=yes -update_mod_props=no -non_masters=yes -refile_released=yes -bypass=yes

Site: CusCaNP ItemNameRev: 000128/A DataSetName: 000128/A DataSetType: master ErrCode: 0 Process Time Start: 18.02.2008 14:12:43

process: ..idle... state: ..idle...

■ Part 1 of configuration JobServers

in JobServer (1) definition of scripts (2) Parameter (3) and script files (4) defines the base of a Job.
This definitions will be used in JobControl.

1. JobScripts and Parameters:

Script Name	JobScriptDescription	Note	JC Script(cmd)	JC Script(cmd) ParamExt
CBN_ExN100	CheckBox Native Ex	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract/ResultGen
CBN_ExN120	CheckBox Native Ex	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract/ResultGen
CBN_S3Compare	CheckBox Native Ste	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract/ResultGen
CBT_S1Extr1	CheckBox Step1 Ext	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract
CBT_S2Extr2	CheckBox Step2 Ext	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract
CBT_S3Comp	CheckBox Step3 Co	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Compare
CBT_TestSave	CheckBox Test -Sav	1.upd: 11.11.2015	CheckBox\ClientScripts/Che	rem -- #Set: CB Action: NxCB_Extract/ResultGen

2. JobScript(cmd) ParamExt:

```
rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
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rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
rem -- #Set: CB Action: NxCB_Extract/ResultGen
```

3. Edit Job Scripts Parameter of PUNX12:

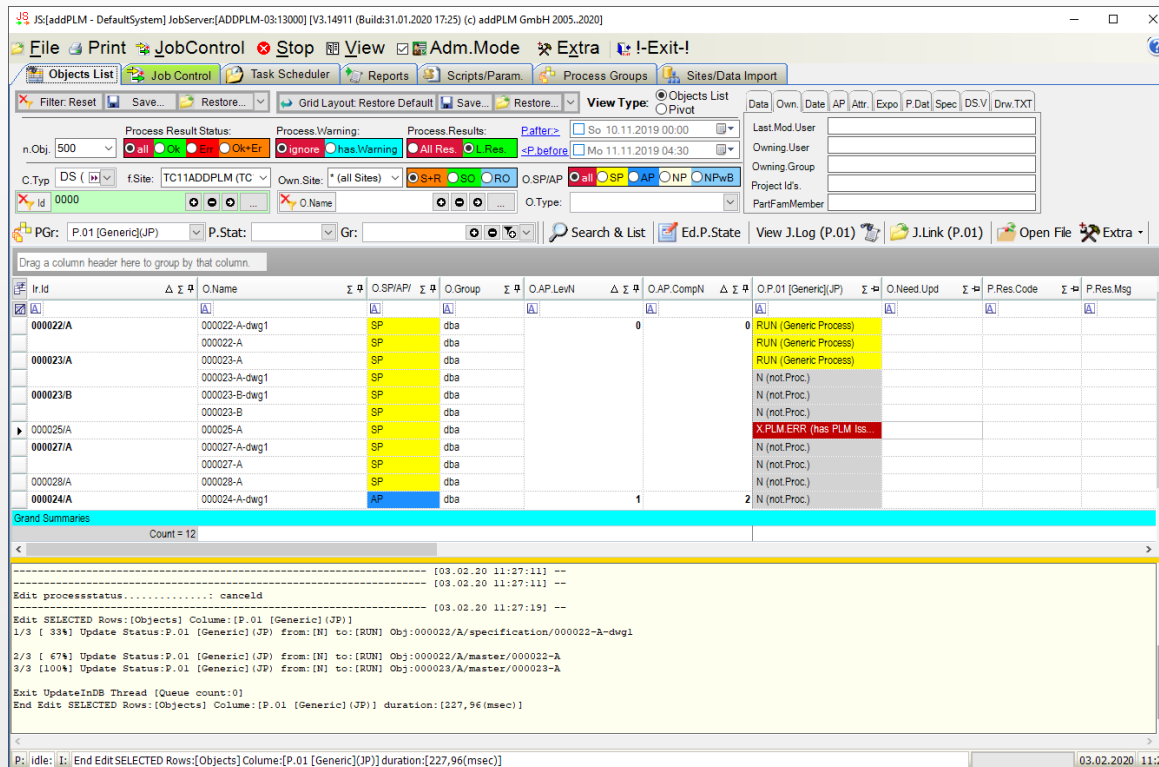
Use	Option	Value	Description	Vers. Inf.
<input checked="" type="checkbox"/>	-keep_volume	yes	Use original volume for output parts. <yes/no>	-
<input checked="" type="checkbox"/>	-update_mod_props	no	Update last modifying user/date on dataset <yes/no>	-
<input checked="" type="checkbox"/>	-allow_released	yes	Process parts with release status. Default <yes/no>	NX12
<input checked="" type="checkbox"/>	-bypass	yes	Use bypass privilege if necessary. <yes/no>	-
<input checked="" type="checkbox"/>	-use_default_load_option_file	yes	uses specified default load options, this cannot be used along with -y option ...	NX12
<input checked="" type="checkbox"/>	-specified_non_master_only	yes	Used with -input_list option to process	NX12
<input checked="" type="checkbox"/>	-non_masters	yes	Automatically process non-master parts <yes/no>	-
<input checked="" type="checkbox"/>	-force_operate	-y	Fully load components that are not at the current version of NX	-
<input checked="" type="checkbox"/>	-structure_sync	no	Used with the -y switch to force all components to be operated on.	-
<input checked="" type="checkbox"/>	-force_structure_sync	no	synchronize structures during refine	-
<input checked="" type="checkbox"/>	-read_mapped_attributes	no	force synchronize structures during refine as requested by -structure_sync<yes/no>	NX6
<input checked="" type="checkbox"/>	-force_read_file	no	read mapped attributes if consistent with other structure sync settings <yes/no>	NX6
<input checked="" type="checkbox"/>	-convert_mcs	%temp	force to read from a JT dataset even if a master dataset exists ...	NX6
<input checked="" type="checkbox"/>	-mcs_parts_only	no	Update NX Data. MCS convert mating conditions to assembly constraints	NX6

4. File Explorer:

- JobManager
 - 90-Data
 - CustomerNameShort_SettingsGlobal
 - startUp
 - CheckBox_CustomStart.cmd
 - CheckBox_Main.cmd

■ The GUI of PLMJobServer is organized in following section

- **Objects List** → View of Object Data and JobResults
- **Job Control** → Organizes JobClients and Job Processes
- **Task Scheduler** → Controls time related processes
- **Reports** → Generates Reporting of Object and Job Statistic and Results
- **Scripts/Param.** → Defines and organizes Job Scripts – Parameters
- **Process Groups** → Defines the Job Groups
- **Sites/Data Import** → Registers Customer Sites and Imports Site Object Data



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Basics

The GUI of JobServer is divided by the register cards (1) and each of them has different main tasks. Each of the register cards has the following sections: Functions section (2) List section (3) Info window section (4) and Status bar (5). The Concept of PLMJobManager is to have in all register cards a most likely similar way of handling the Software.

1 Register cards

2 Function-section

3 List-section

4 Info Text window

5 Status bar

Ir.Id	O.Type	O.Name	O.LastModDate	O.LastModUser	O.Nx.T	O.AP	O.AP	O.P.07 [CB1(Ex.7.5)]	O.P.Rf [Rf]	P.Res.Code	P.TimeStart	P.TimeEnd
BG-Normteil-01/A	UGMASTER	BG-Normteil-01-A	11.06.2014 08:12	infodba	SP	0	0	D.OK (Done)	D.RiBa OK	0	11.06.2014 11:18	11.06.2014
BG-Normteil-02/A	UGMASTER	BG-Normteil-02-A	11.06.2014 08:15	infodba				D.OK (Done)	D.RiBa OK	0	11.06.2014 11:18	11.06.2014
BG-Normteil-03/A	UGMASTER	BG-Normteil-03-A	30.08.2011 12:46	infodba				RUN1 (1by1)	D.RiBa OK	0	25.04.2013 22:09	25.04.2013
BG-Einzelteil-0...	UGMASTER	BG-Einzelteil-01-B	04.07.2014 17:31	infodba	AP	0	0	N (not.Proc.)	N (not.Proc.)			
BG-KBG-01/A	UGMASTER	BG-KBG-01-A	27.05.2014 18:45	infodba		1	3	D.OK (Done)	M (Manual)	0	25.04.2013 22:09	25.04.2013
BG-KBG-03/A	UGMASTER	BG-KBG-03-A	11.06.2014 08:16	infodba		5	5	D.OK (Done)	M (Manual)	0	11.06.2014 11:18	11.06.2014
BG-KBG-02/A	UGMASTER	BG-KBG-02-A	27.05.2014 18:45	infodba		2	8	D.OK (Done)	M (Manual)	0	25.04.2013 22:09	25.04.2013
BG-CountB	UGMASTER	BG-Count-B	04.07.2014 17:34	infodba		14	14	D.OK (Done)	N (not.Proc.)	0	06.07.2014 16:17	06.07.2014

Grand Summaries

Count = 8

Minimum = 25.04.2013... Maximum =

P.CMDLine: -DetailOption=25,26 -UpdateAllViews -UpdateAllFeatures
P.Res.Code: 0
P.Res.Msg: [PL:OK] [UF:OK] [UD:OK] [PH:OK] [MD:OK] [AS:OK] [DR:OK] [EN:OK] [CBXml:OK]
P.Res.Has.WRN: False
P.Res.Lnk: \\jz-26\JobManagerV2_Data\JobMgrData\Tc83\BG-KB\BG-KBG-02\A

P: idle: I: ... idle ... 09.07.2014 06:07

- Create a group in JobManager

Click on the arrow sign at the group combo box

Click on the star sign to create a new group

Specify Gr.Name and Gr.Description

FilePrintJobControlStopViewAdm.ModeExtraExit

Objects ListJob ControlTask SchedulerReportsScripts/Param.Process GroupsSites/Data Import

Filter: ResetSave...Restore...Grid Layout: Restore DefaultSave...Restore...

n.Obj: 1000Process Result Status:allOkErrOk+ErProcess Warning:ignoreWarningsL.ResAll ResP. after: Do 15.10.2015 10:30P. before: Do 15.10.2015 10:30C.Type: DS (f.Site: * (all Sites)Own Site: * (all Sites)S+RSOSROType: O.SP/APallSPAPNPRev. Rule: LatestRank from: to:

Name/Desc.:Release.State:Ir.Type:Volume:

PGr: P.01 [RFPartTest](JP)P.Stat: Name[]Gr: Search & ListEd.P.StateView J.LogJ.LinkOpen NXExtra

Drag a column header here to group by that column.

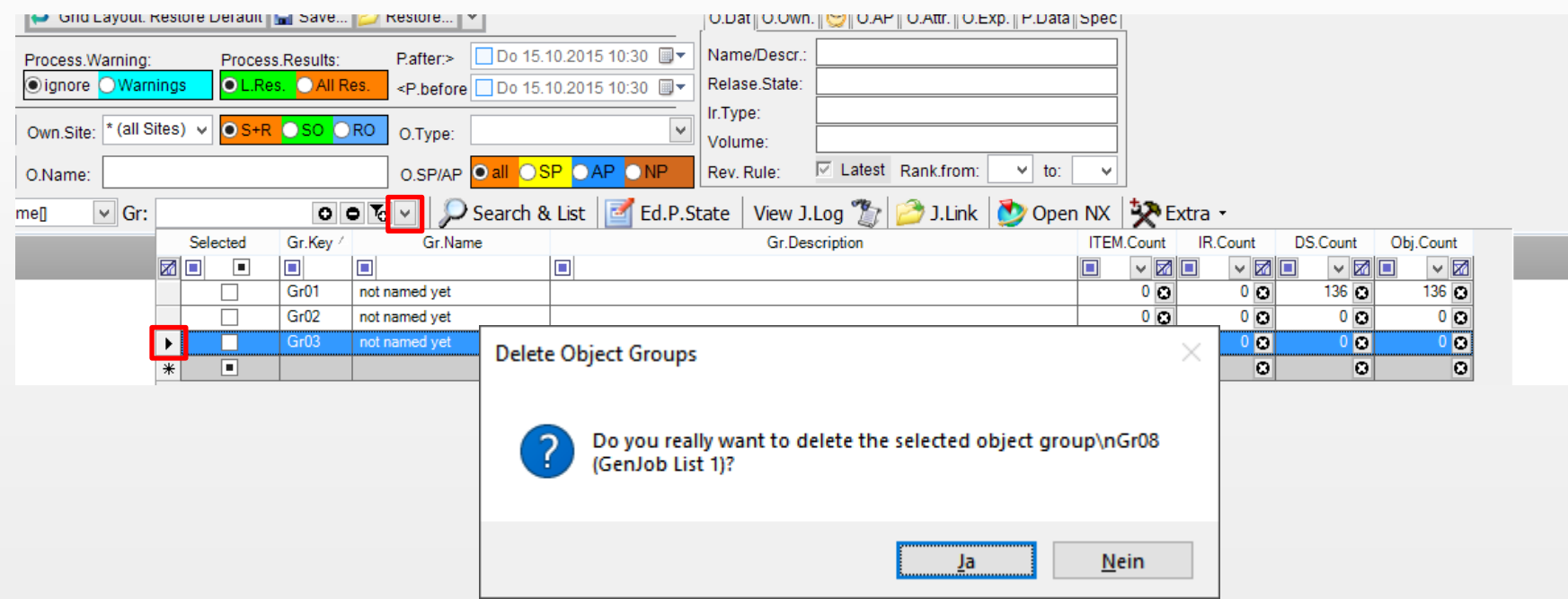
Selected	Gr.Key /	Gr.Name	Gr.Description	ITEM.Count	IR.Count	DS.Count	Obj.Count
<input type="checkbox"/>	Gr01	not named yet		0	0	136	136
<input type="checkbox"/>	Gr02	not named yet		0	0	0	0
<input type="checkbox"/>	Gr03	not named yet		0	0	0	0
<input checked="" type="checkbox"/>	*						

- Delete a group in JobManager

Click on the arrow sign at the group combo box

Select the whole row of the group you want to delete

Hit the delete key on your keyboard → Delete Object Groups Dialog is shown



- Add objects to a group in JobManager 1/3

Click on the arrow sign at the group combo box
Select the groups you want to add objects to (this can also be multiple groups)

Process.Warning:
☒ ignore ☐ Warnings

Process.Results:
☒ L.Res. ☐ All Res.

P.after:>
☐ Do 15.10.2015 10:30

<P.before
☐ Do 15.10.2015 10:30

Name/Descr.:

Release.State:

Ir.Type:

Volume:

Rev. Rule:
☒ Latest Rank.from: to:

Own.Site: * (all Sites) ☐ S+R ☐ SO ☐ RO

O.Type:

O.Name:

O.SP/AP ☒ all ☐ SP ☐ AP ☐ NP

ne]] Gr: Gr01; Gr02

Selected	Gr.Key /	Gr.Name	Gr.Description	ITEM.Count	IR.Count	DS.Count	Obj.Count
<input checked="" type="checkbox"/>	Gr01	not named yet		0	0	136	136
<input checked="" type="checkbox"/>	Gr02	not named yet		0	0	0	0
<input type="checkbox"/>	Gr03	not named yet		0	0	0	0
*							

■ Add objects to a group in JobManager 2/3

There are 2 ways to add objects to the group(s)

The first is to select objects in the data grid and then to hit the + button in the Gr: field (you can select the whole row or even single cells inside the grid)

Only the selected objects will be added to the group (only when they were not in the group before)

The screenshot shows the 'Objects List' window in JobManager. The 'Gr:' field is set to 'Gr01; Gr02' and is highlighted with a red box. Three rows in the data grid are also highlighted with a red box, indicating they will be added to the specified groups.

Ir.Id	O.Name	O.Type	O.SP/AP	O.P.01 [R]	P.Res.Code
57743230000/000	57743230000_000	UGMASTER	SP	N (not Proc.)	
TC000000451/...	TC000000451_000	UGMASTER	SP	N (not Proc.)	
65060122500/000	65060122500_000	UGMASTER	SP	N (not Proc.)	
65010000738/000	65010000738_000	UGPART	SP	N (not Proc.)	
65010000771/000	65010000771_000	UGPART	SP	N (not Proc.)	
65010000494/000	65010000494_000	UGMASTER	SP	N (not Proc.)	
65010000258/000	65010000258_000	UGMASTER	SP	N (not Proc.)	
65010000592/000	65010000592_000	UGMASTER	AP	N (not Proc.)	
65010000175/000	65010000175_000	UGMASTER	SP	N (not Proc.)	
65010000127/000	65010000127_000	UGPART	SP	N (not Proc.)	

In this case the selected 3 objects will be added to the groups Gr01 and Gr02

■ Add objects to a group in JobManager 3/3

The second way to add objects to the group(s):

Click the “filter+” sign in the Gr: field

All objects that will be found by the current specified filter will be added to the group(s)

(Without displaying the objects in the grid)

The screenshot displays the JobManager 3/3 software interface. The 'Objects List' window is active, showing a toolbar with icons for Filter, Save, and Restore. The 'Gr:' field is highlighted with a red box, and the 'filter+' sign is visible next to it. The 'n.Obj.' field is set to 1000. The interface includes a menu bar (File, Print, JobControl, Stop, View, Adm.Mode, Extra, Exit) and a toolbar with various icons. The main area contains a grid of object data with columns for Ir.Id, O.Name, O.Type, O.LastModDate, O.LastM, O.Imp, O.SP/AP, O.AP, O.P.01 [R], and P.Res.Code. The grid shows several rows of object data, including UGMASTER and UGPART objects.

Ir.Id	O.Name	O.Type	O.LastModDate	O.LastM	O.Imp	O.SP/AP	O.AP	O.P.01 [R]	P.Res.Code
57743230000/000	57743230000_000	UGMASTER	05.07.2007 12:16	gauso		SP	0	0	N (not.Proc.)
TC000000451/...	TC000000451_000	UGMASTER	17.04.2007 10:28	goesm		SP			N (not.Proc.)
65060122500/000	65060122500_000	UGMASTER	16.04.2007 10:29	goesm		SP			N (not.Proc.)
65010000738/000	65010000738_000_...	UGPART	06.06.2007 12:55	henga		SP			N (not.Proc.)
65010000771/000	65010000771_000_...	UGPART	16.04.2007 15:51	goesm		SP			N (not.Proc.)
65010000494/000	65010000494_000	UGMASTER	12.06.2007 09:26	henga		SP			N (not.Proc.)
65010000258/000	65010000258_000	UGMASTER	26.06.2007 10:38	oppec		SP			N (not.Proc.)
65010000592/000	65010000592_000	UGMASTER	05.07.2007 14:05	goesm		AP			N (not.Proc.)
65010000175/000	65010000175_000	UGMASTER	29.06.2007 14:39	oppec		SP			N (not.Proc.)
65010000127/000	65010000127_000	UGPART	05.06.2007 10:42	oppec		SP			N (not.Proc.)

In this case 1000 random objects will be added to the groups Gr01 and Gr02
(because the filter is specified only to get 1000 random objects)

- Remove objects from a group 1/2

There are 2 ways to delete objects from (a) group(s)

The first is:

Select the group(s) you want to delete the objects from

Select objects in the data grid and then hit the - button in the Gr: field (you can select the hole row or even single cells inside the grid)

Only the selected objects will be removed from the group(s) (only when they were in the group before)

The screenshot shows the 'Objects List' application window. The 'Gr:' field is set to 'Gr01; Gr02' and is highlighted with a red box. The data grid below shows a list of objects with columns for Ir.Id, O.Name, O.Type, O.Stat, O.LastModDate, O.LastM, O.Imp, O.SP/AP, O.AP, O.P.01 [R], and P.Res.Code. Three rows are highlighted with a red box: TC000000451/..., 65060122500/000, and 65010000738/000. The 'Gr:' field has a minus button next to it.

Ir.Id	O.Name	O.Type	O.Stat	O.LastModDate	O.LastM	O.Imp	O.SP/AP	O.AP	O.P.01 [R]	P.Res.Code
57743230000/000	57743230000_000	UGMASTER	DY	05.07.2007 12:16	gauso		SP		0	N (not.Proc.)
TC000000451/...	TC000000451_000	UGMASTER	DY	17.04.2007 10:28	goesm		SP			N (not.Proc.)
65060122500/000	65060122500_000	UGMASTER	NF	16.04.2007 10:29	goesm		SP			N (not.Proc.)
65010000738/000	65010000738_000...	UGPART	NF	06.06.2007 12:55	henga		SP			N (not.Proc.)
65010000771/000	65010000771_000...	UGPART		16.04.2007 15:51	goesm		SP			N (not.Proc.)
65010000494/000	65010000494_000	UGMASTER	NF	12.06.2007 09:26	henga		SP			N (not.Proc.)
65010000258/000	65010000258_000	UGMASTER		26.06.2007 10:38	oppec		SP			N (not.Proc.)
65010000592/000	65010000592_000	UGMASTER		05.07.2007 14:05	goesm		AP			N (not.Proc.)
65010000175/000	65010000175_000	UGMASTER	NF	29.06.2007 14:39	oppec		SP			N (not.Proc.)
65010000127/000	65010000127_000	UGPART		05.06.2007 10:42	oppec		SP			N (not.Proc.)

In this example the selected 3 objects will be removed from the groups Gr01 and Gr02

■ Remove objects from a group 2/2

The second is:

Click on the arrow sign at the group combo box

Click one of the x buttons in the row of the group you want to delete the objects from

Clicking the x button on the “ITEM.Count” column will delete all item objects from the group

Clicking the x button on the “IR.Count” column will delete all item rev objects from the group

Clicking the x button on the “DS.Count” column will delete all dataset objects from the group

Clicking the x button on the “Obj.Count” column will delete all objects from the group

Process.Warning:
☒ ignore ☐ Warnings

Process.Results:
☒ L.Res. ☐ All Res.

P.after:>
☐ Do 15.10.2015 10:30

Own.Site: * (all Sites)

☒ S+R ☐ SO ☐ RO

O.Type:

O.Name:

O.SP/AP ☒ all ☐ SP ☐ AP ☐ NP

Name/Descr.:

Release.State:

Ir.Type:

Volume:

Rev. Rule: ☒ Latest Rank.from: to:

Gr: Gr01; Gr02

Search & List

Ed.P.State

View J.Log

J.Link

Open NX

Extra

	Selected	Gr.Key /	Gr.Name	Gr.Description	ITEM.Count	IR.Count	DS.Count	Obj.Count
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gr01	not named yet		0	0	136	136
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gr02	not named yet		0	0	0	0
<input type="checkbox"/>	<input type="checkbox"/>	Gr03	not named yet		0	0	0	0
*	<input type="checkbox"/>				0	0	0	0

Edit JobControl Rule

J. Order

Aktiv

J. JobName

J. Description

Ge2

☒

GenericExample1_RUN

Generic Example RUN

Job Definition

Job Def Extended 1

Job Def Extended 2

Extendet Process State Control

Job Schedule

P. Group:

P.01 [Generic](JP)

Job Number Last

5098

JobR. Objects send total (n)

36177

J. Script/Para

GenericExample

Job Packet Size (n)

1

J. MaxSum. CompN

J. MaxSum. CompN. Unique

sel: O. (IIR/DS)

DS (DataSets)

sel: AP. O. Min. Levels

-> O. Max. Levels

sel: O. (SP/AP)

* SP+AP (Single + Assembly part)

sel: AP. O. Min. Comp

-> O. Max. Comp

-> Unique

sel: O. Multi. S

SiteObj Only

sel: O. P. Stat(N,M)

RUN (TEST)

sel: O. Type(s)

UGMASTER

sel: O. Special:

DS of IR (DS Only)

-> Incl. O. Type(s)

UGMASTER;UGPART;UG

-> Incl. P. State

*

add Data

NOT in Use (Default)

sel: O. Only Dif. Items

☐

J. Computers

ADDPLM-03

Notes for this JobRule

Edit Object Process State (N,M) def's...

Edit Process Result Columes [P.Res.] ...

Job Control Activ Status Info:

Save

Save + Close

Cancel + Close

i

Job Max Sum N Comp

This Number defines how many Components (O.Ap.CompN) may in sum contained in the JobPacket. Therefor it sum up the number of the Assembly components (O.Ap.CompN) and stops adding components to the JobPacket if the given limit is reached.

Special Rule:
Every Job contains atleast 1 Object


UseCase:
This Rule can be used to limit the mound of Assemblies contained in the Job.

Example1: Defined Limit = 100

IR	O.AP.CompN	JobSumComp	add to Job
4711/001	10	+ 0 = 10	YES
6523/001	30	+ 10 = 40	YES
7891/003	50	+ 40 = 90	YES
8913/001	60	+ 90 = 150	NO --> Limit 100 reached
5712/001	70	+150 = 220	NO --> Limit 100 reached

Example2: Defined Limit = 45

IR	O.AP.CompN	JobSumComp	add to Job
4711/001	10	+ 0 = 10	YES
6523/001	30	+ 10 = 40	YES
7891/003	50	+ 40 = 90	NO --> Limit 45 reached

 **JobRule JobClient settings**
Defines list of JobClients that get access to this JobRule
and defines optional how many Job's may run on a JobClient

Syntax.....: Computer1[:n][:NoFurtherJob];ComputerXY*[:n][:NoFurtherJob]

#Example 1...: *
#Description..: Rule is used for all Computers

#Example 2...: Computer1;Computer2;CompNameXY*
#Description..: |-> Rule is used for Computer
#Description..: with Name Computer1;Computer2; and like CompNameXY*

#Example 3...: *:1
#Description..: |-> All Computer runs 1 Job of JobRule

#Example 4...: Computer1:5;Computer2:2
#Description..: | |-> Computer2 runs max 2 Jobs of JobRule
#Description..: |-> Computer1 runs max 5 Jobs of JobRule

#Example 5...: Computer1:1:NoFurther;JobComputer2:5:NoFurtherJob
#Description..: |-> Behavior like 'Example 2'
#Description..: but if computer runs n JobMax then no
#Description..: further job is searched in other JobRules

■ Steuerung des Prozess Ergebnisses ('ProcStateValueRule')

Definieren der : 'ProcStateValueRule'

Über die ProcStateValueRule können Regeln festgelegt werden wie der P.Status Wert in Abhängigkeit vom Job Ergebnis sich festlegt. Ausgewertet wird dabei die Daten des JobErgebnisses: ResultCode ResultMessage ResultWarning

ResultMessage: (Key:O.Type) Optional

werte den Object Typen (UGMASTER,UGPART,UGALTREP..) aus es ermöglicht das

ResultCode: (Key:J.ResCode) Erforderlich

es kann definiert werden: RC=0 RC>0 RC<>0 RC<0

ResultMessage: (Key:J.ResMsg) Erforderlich

Die der Wert der JobMessage wird via Win Like Methode verglichen Beispiel: RM=* oder RM=*Corba*

ResultWarning: (Key:J.ResWarn) Erforderlich

Der Wert von JobWarning (Boolean) 0=false 1=true verglichen ResWarn=* (true da Ignoriert) RW=1 (true has Waring) oder RW=0 (false no Warning)

Result Process Status: (Key:P.State)

Definiert den Wert den das Objekt erhält wenn eine der Regeln zutrifft.

Die Auswertung der ProcStateValueRule wird beendet sowie eine der Regeln zutrifft. Der das Ergebnis P.Stat=... wird dann in dann als P.Status übergeben.

Des weiteren gilt das wenn keine der Regeln zutreffen P.Status = D (Done) gesetzt wird

Beispiel Syntax der Definition:

Jede Definition steht in [] Klammern und kann aus mehreren Regeln bestehen

Default Values: „...\\01-BinServer\\Resources\\ApplicationStandards\\ProcStatValueRule_Template.TXT“

```
[RuleID=Default] [P.Stat=D]
[RuleID=OK]      [O.Type=UGMASTER] [J.ResCode=0] [J.ResMsg=*] [J.ResWarn=0] [P.Stat=D.RfBa.OK]
[RuleID=OK]      [O.Type<>UGMASTER] [J.ResCode=0] [J.ResMsg=*] [J.ResWarn=0] [P.Stat=D.OK]
[RuleID=Err]     [O.Type=*]          [J.ResCode>0] [J.ResMsg=*] [J.ResWarn=*] [P.Stat=D.RfBa.ERR]
[RuleID=Warn]    [O.Type=*]          [J.ResCode=*] [J.ResMsg=*] [J.ResWarn=1] [P.Stat=D.RfBa.W]
```


■ Steuerung des Prozess Ergebnisses

Definition der Ergebniss bestimmung Generische festlegung

Daten P.Res.MSG

```
[KEY:STA Description]  ResultCode
|   |   |              -> Interpretation ResultCode="0" OK
|   |   |              -> Interpretation ResultCode="0" WRN
|   |   |              -> Interpretation ResultCode<> "0" ERR
|   |   |-> Result Short Description
|   |-> Result Status OK ERR WRN
|-> Result Key
```

Daten P.ResResult.MSG

Daten P.Res.Ext.Data

[MD:ERR MomOfIn]

Daten in Spalten: P.Res.MSG.Ext.Data

[MD:ERR MomOfIn:e-1]

[MD:ERR MomOfIn:e-2]

```
| -> ResultValue    e-1 e-2 #=#
```

<input checked="" type="checkbox"/>	P.ResultCode
<input type="checkbox"/>	P.ResultHasWarning
<input checked="" type="checkbox"/>	P.ResultLink
<input checked="" type="checkbox"/>	P.ResultMsg
<input type="checkbox"/>	P.State

<input checked="" type="checkbox"/>	P.Res.Ext.Data
<input checked="" type="checkbox"/>	P.Res.Rf
<input checked="" type="checkbox"/>	P.Res.Rf.MCS
<input checked="" type="checkbox"/>	P.ResultCode
<input type="checkbox"/>	P.ResultHasWarning
<input checked="" type="checkbox"/>	P.ResultLink
<input checked="" type="checkbox"/>	P.ResultMsg
<input type="checkbox"/>	P.State

Neue Benennung:

- P.Res.Msg
- P.Res.Msg.Ext.Data
- P.Res.Has.WRN
- P.Res.Lnk
- P.Res.State

Steuerung der JobClient Schedule Zeiten

Der JobServer steuert die Zeiten in dem ein JobClient aktive ist über JobControl (1) → Job Computers (2) J.Schedule (3)

The screenshot shows the JobControl software interface. The top menu bar includes File, Print, JobControl, Stop, View, Extra, and Exit. The main window is divided into several sections:

- JobControl Rules:** A table listing rules for JobClient. The first rule, 'JF18', is highlighted with a yellow circle labeled '1'. It shows parameters like J.Order, J.Aktiv, J.JobName, J.Script/Para, J.on Comp, P.Stat(N,M,A), J.Pac, J.Nr, J.Su, P.PGr, sel.O.(DS/IR), and sel.O.(SP/AP).
- Job Computers:** A section with a 'Script: select' dropdown and buttons for Start, View logfiles, and Edit. Below this is a table of Job Computers. The first entry, 'JF-18', is highlighted with a yellow circle labeled '2'. It shows details like C.Name, C.Aktiv, C.works.for.Si, Tc.User, Tc.Passw, Org.Roll, Org.Notice, and J.Schedule. The J.Schedule field is circled with a red dashed line and labeled '3', showing a detailed schedule configuration.
- JobServer Mode:** A section with buttons for Stop, Receive Only, Manuell, and Automatic. Below this is a text area showing the current state of the JobServer, including the last connection time and the state of the process.

Steuerung der JobClient via ‘**JobClientScheduleControl**‘

Wochentag Steuerung (Key:WD WeekDay):

[WD=*] alle Tage der Woche

[WD=1-7] alle Tage der Woche

[WD=1-3] alle Tage der Woche Montag – Mittwoch

[WD=1-3-Montag-Mittwoch] die Tage von Montag bis Mittwoch also inc Dienstag

[WD=6-7-Sa-So] die Tage von Samstag und Sonntag

[WD=3-Mi-Fron] nur der Mittwoch

Zeitpunkt Key:TP TimePoint:

[WD=1-7 TP=21:13] wird dann als OK zurückgegeben wenn die aktuelle Zeit in Std und Min übereinstimmt

TWR= Dauer in Sec die der JobClient warten soll wenn er innerhalb der Zeit liegt bevor er sich wieder mit dem Server verbindet

Sec die der JobClient warten soll wenn er außerhalb der Zeit liegt bevor er sich wieder mit dem Server verbindet

Beispiel: [TWR=30]TWW= Dauer in

Beispiel: [TWW=60]

Zeitspanne: Key:TS TimeSpan =TS.Begin-TS.End

[WD=* TS=00:00-00:00] [WD=1-Mo TS=20:30-05:00]

[WD=1-3 TS=10:30-03:00] [WD=4-7 TS=08:30-03:00]

[WD=1-5-Mo-Fr TS=19:15-05:30] [WD=3-Mi-Fron TS=19:15-23:59] [WD=4-Do-Fron TS=00:00-17:30] [WD=6-7-Sa-So TS=00:00-00:00]

Define a Redo interval: Key:Redo=n sec's // #New 14.08.2014

[WD=* TS=00:00-00:00 ReDo=60] Redos the Job 24h every 60 seconds

[WD=1-5 TS=08:00-17:00 ReDo=120] Redos the Job in weekdays Monday .. Friday in times 08:00 until 17:00 every 120 seconds

Anzahl Jobs (Key:JobsMax short Key:JMax):

definiert wie viele Jobs auf dem Client im angegebenen Zeitbereich gleichzeitig abgearbeitet werden dürfen.

Hinweis: Wird mit JobsMax=0 angegeben so wird KEIN Job im angegebene Zeitbereich verarbeitet **Beispiel.:** [WD=1-5 TS=07:00-17:30 **JobsMax=0**]

Beispiel: [WD=6-7 TS=00:00-00:00 **JobsMax=2**] definiert das am Samstag und Sonntag zu allen Zeiten maximal 2 Jobs auf dem Client laufen

Job Resoure Steuerung (Key:JobsResPointsMax short Key: JrpMax):

definiert wie viele Resoure Punkte ein Client hat. Diese Zahl wird verglichen mit der Anzahl der Resourepunkte die sich aus der Summe der Resourepunkte der auf dem Clienten laufenden Jobs ergeben (**ResourcePointsOfCurExecutingJobs**). Wenn $\text{ResourcePointsOfCurExecutingJobs} + \text{JobResourcePoints} > \text{JobsResPointsMax}$ so erhält dieser Client keine Jobs

Beispiel: [WD=6-7 TS=00:00-00:00 JobsMax=2 JobsResPointsMax=2]

Der JobClient Computer automatisch neu starten (Key:Reboot:)

Beispiel: [WD=1-7 ReBoot=05:30-06:00] definiert das sich der Rechner an den allen Wochentage in der Zeit zwischen 05:30 und 06:00 bootet wenn in dieser Zeitspanne keine Job mehr bearbeitet wird.

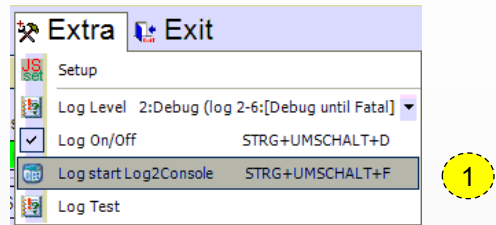
■ Steuerung der JobClient Schedule Zeiten

Example: Standard settings:

```
[TRW=30] [TWW=60]  
[WD=1-5 TS=05:00-18:00 JobsMax=1 JobsResPointsMax=-1]  
[WD=1-5 TS=18:00-05:00 JobsMax=1 JobsResPointsMax=-1]  
[WD=6-7 TS=00:00-00:00 JobsMax=1 JobsResPointsMax=-1]  
[WD=1-7 xReBoot=05:30-06:00] Hinweis wird xReBoot=... angegeben so wird ReBoot ignoriert
```

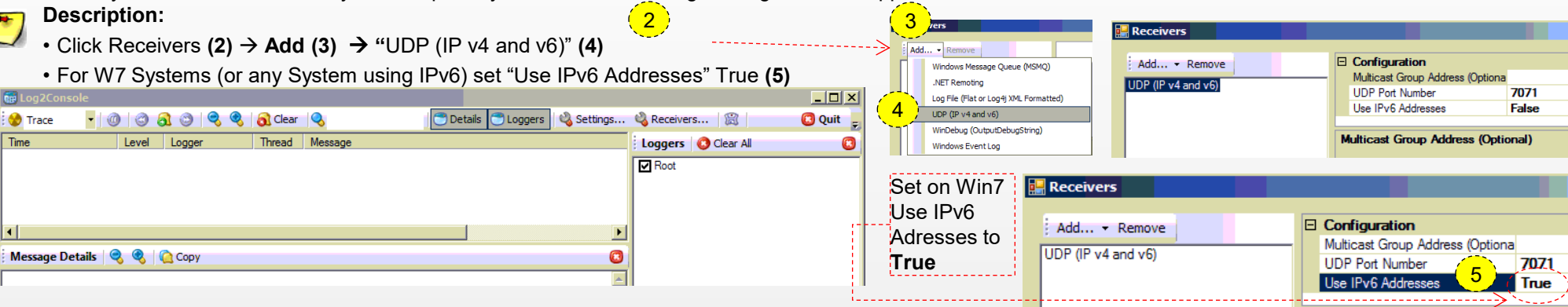
- Working with Debug window „Log2Console“ This Tool can be used for debugging the PLMJobManager software programs

Start the Software via Extra → Log start Log2Console (STRG+UMSCHALT+F) (1)

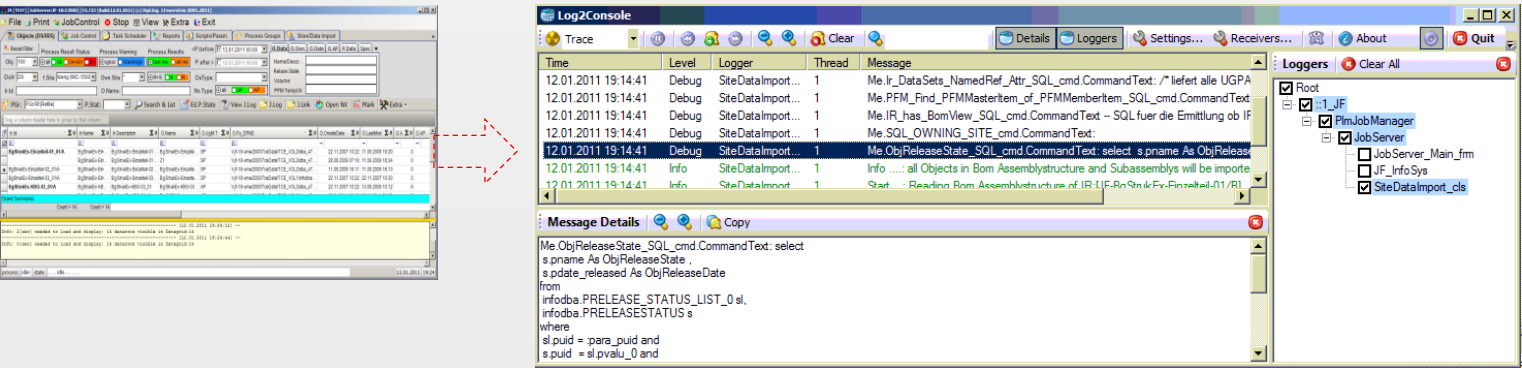


First time you use the Software on your Computer, you have to set settings in Log2Console Application:

- Description:**
- Click Receivers (2) → Add (3) → “UDP (IP v4 and v6)” (4)
 - For W7 Systems (or any System using IPv6) set “Use IPv6 Addresses” True (5)

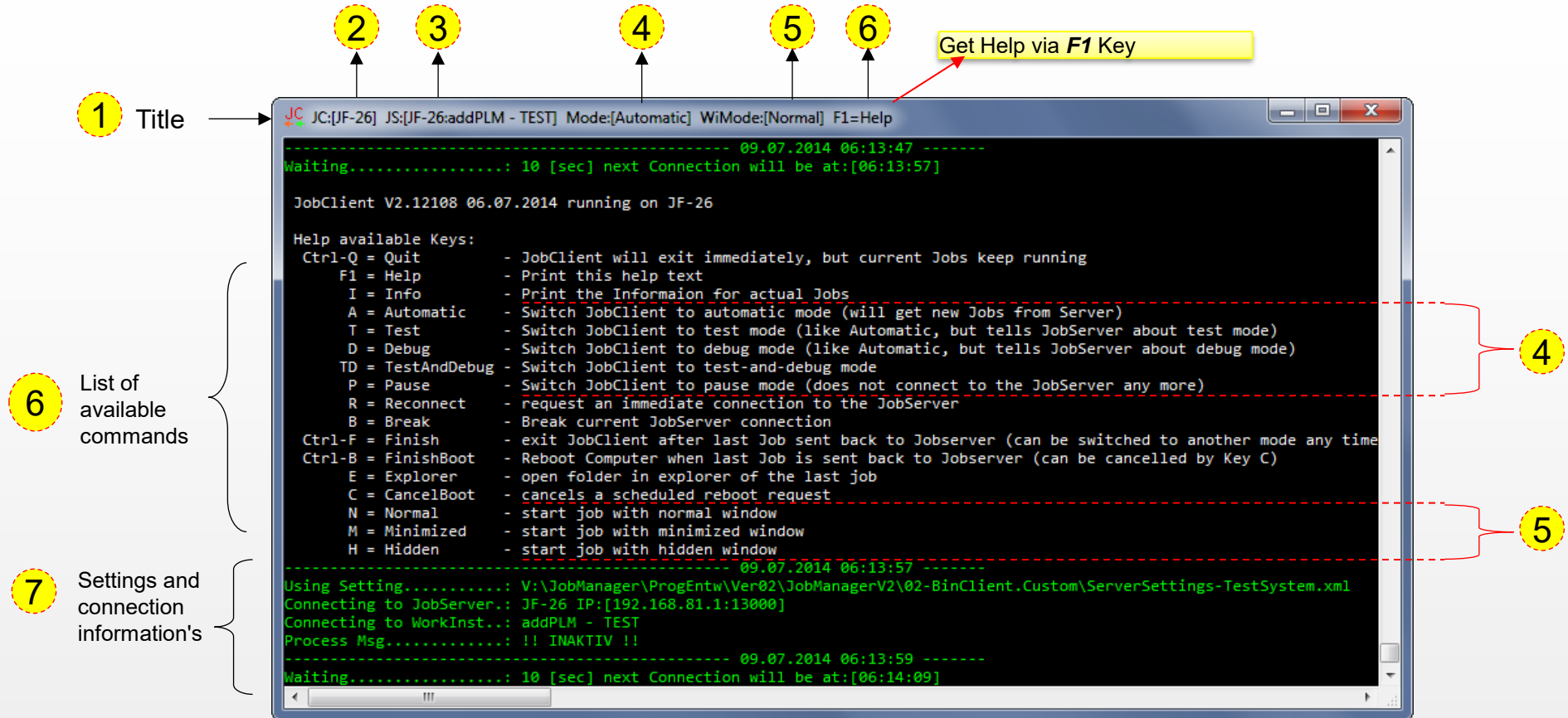


After setting up the software JobServer JobClient or JobPlaner is sending Log information's to Log2Console Software



1. [PLMJobManager Basics / System Overview](#)
2. [Working / Usage JobServer](#)
3. [Working / Usage JobClient](#)
4. [Setup / Config JobServer and Processes](#)
5. [Short Cuts / Environ variables / Glossary](#)

- The GUI of JC has a style of a command line tool.

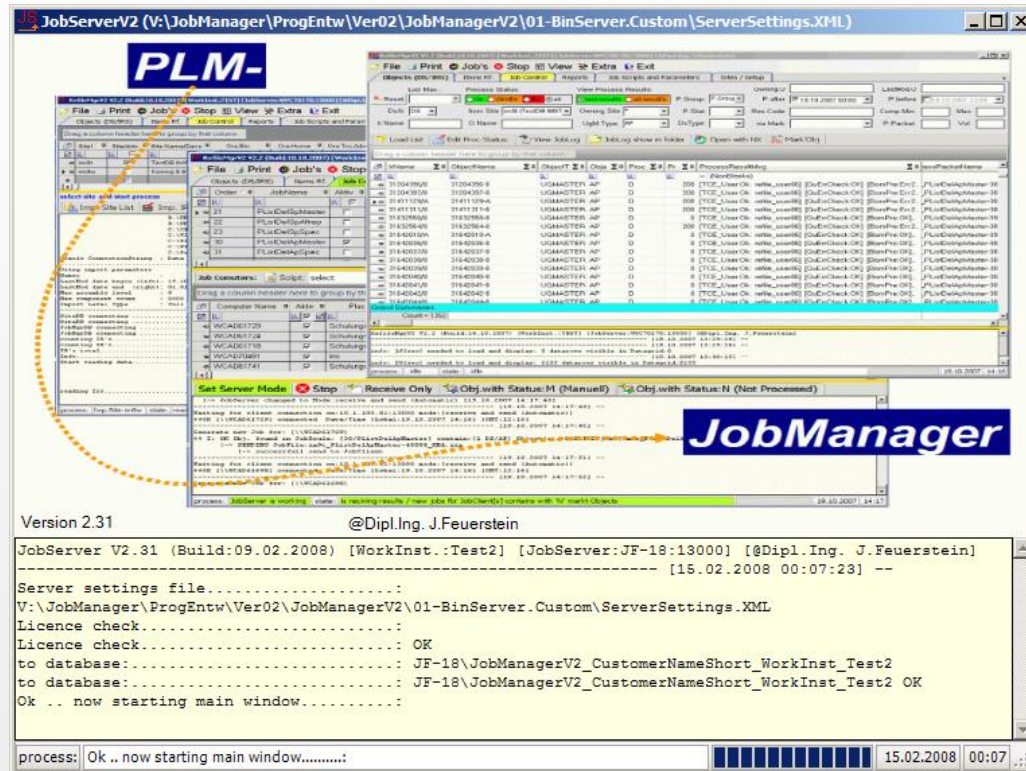
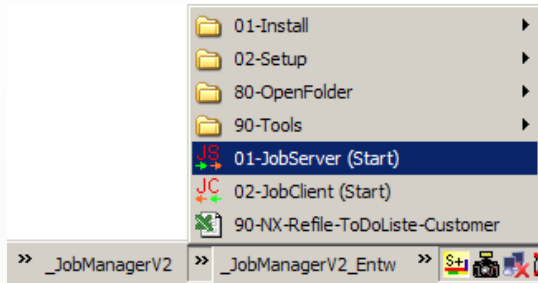


Titel (1) of JC shows Name of JC Computer (2). Name of JobServer (3) the JC is communicating with. (4) Shows the current mode of JC Modes can be Automatic Test Debug TestAndDebug Pause. (5) Shows current WinMode of new created Job Processes. Via Key **F1** you will see all available commands (6). Used settings and connection information's are available on bottom of command line window (7).

JC communicates with the JobServer via tcp socket connections.

1. [PLMJobManager Basics / System Overview](#)
2. [Working / Usage JobServer](#)
3. [Working / Usage JobClient](#)
4. [Setup / Config JobServer and Processes](#)
5. [Short Cuts / Environ variables / Glossary](#)

■ Starten des JobServers



■ Sites/Data Import aus Oracle TCE Datenbank

select site and start process

Imp. IR's+Dataset's Extra

Imp.FSLogFiles (gen Hitlist) Imp. Site List

Folgende Einstellungen sind hier vorzunehmen:

- 1 – SiteID eintragen
- 2 – Ora.Tns.Adm. Eingeben
- 3 – OracleBin Verzeichnis angeben. (Info: Standard ist AUTO Oracle.Bin Verzeichniss wird Automatisch verwaltet)
- 4 – Ora.NetworkAlias eingeben (siehe auch Eintragungen in der tnsnames.ora datei des TC-Data Verzeichnisses)
- 5 – Oracle User und Oracle Password eingeben
- 6 – in den weitem Spalten können erweiterte Import Filter und Bedingungen eingegeben werden (z.B. Namens filtere)
- 7 - über den Button „Imp.Site List“ können die Site Definitionen aus der TC Oracle DB gelesen werden
- 8 - über den Button „Imp.IR's+Dataset's “ beginnt der Datenimport der Object Daten aus der TCE Datenbank.

process: idle: state: ... idle ...

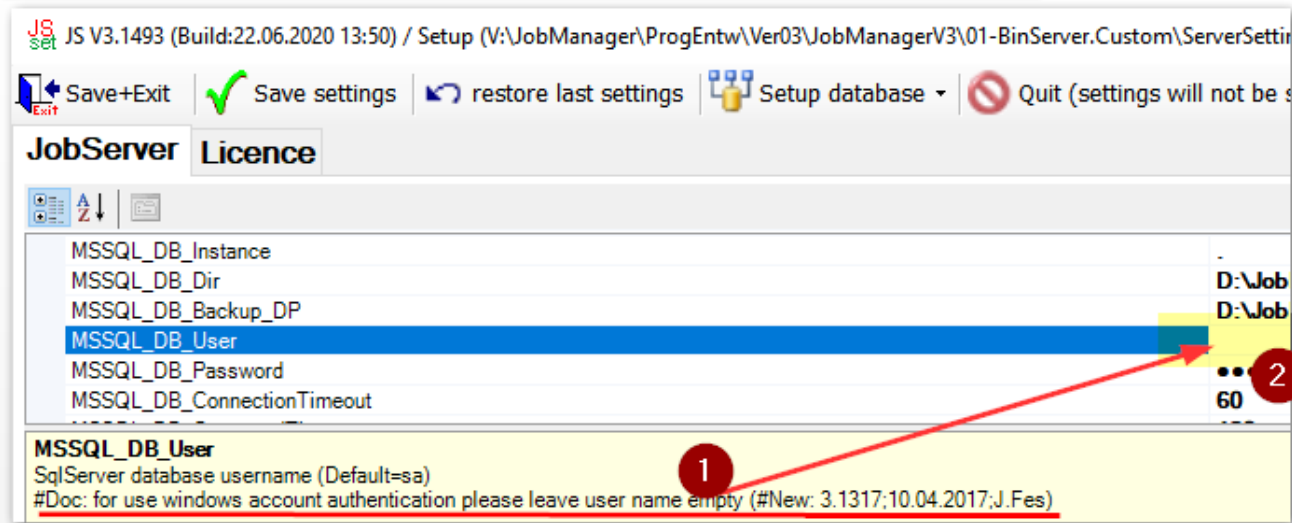
19.07.2009 21:25

Example Connection String for MS SQL Server DB:

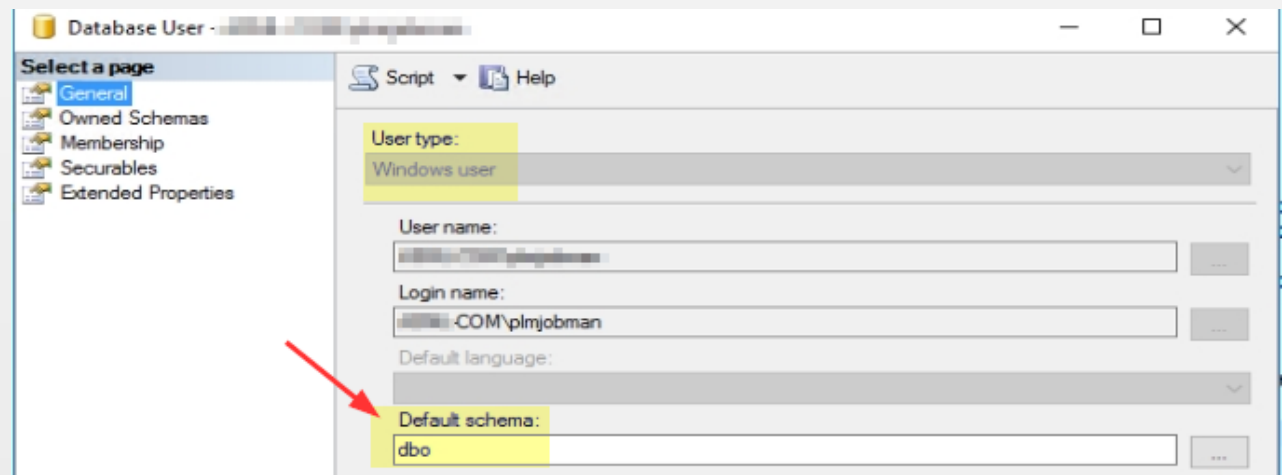
Data Source=MyServer\MyTcMsqldbServerName;Initial Catalog=MyTcDb;User ID=infodba;Password=infodba;Connection Timeout=60;Persist Security Info=True;MultipleActiveResultSets=True;

■ JobManager using Windows Audentification

When JobManger is using windows login method then please setup:



The default schema need to be assigned to dbo



■ Sites/Data Import aus generischen Datenbanken

Edit Site def.

Site Id: PSP1, Aktiv: ☒, Data Source Type: Generic, Site Description: vA PSP Test 1

Generic Settings | Import Settings 1 | Import Settings 2 | Import Settings 3 | Object Attribut

1 - Script Settings

Script Name	Script Path
01-Generic Data-Source Check	C:\vA_CheckIfDataSourceExists.vb
02-Import MetaData	C:\vA_PSPMetaDatalImportUpdate.vb
03-View all Components of Assembly	C:\vA_PSPGetXrefDataForObject.vb
04-Import/Update Data of Object	
05-View and Import/Update all Components of Assembly	

02-Import MetaData

Please define a custom Script for the MetaDataImport
#Example:

Notes: #New:[28.03.19 15:40]/by:[FeuersteinJo]
Change Info:
-
-

Job Contr. Activ / InActiv

Save Save + Close Cancel + Close

JobServer_SiteDef_GenericScriptDef_frm

Script: C:\vA_PSPMetaDatalImportUpdate.vb

Params:

OK

Example Connection String for MS SQL Server DB:

Data Source=MyServer\MyTcMsqldbServerName;Initial Catalog=MyTcDb;User ID=infodba;Password=infodba;Connection Timeout=60;Persist Security Info=True;MultipleActiveResultSets=True;

- It is now possible to define TC Table mappings.

```
=== 21.04.2021 ===
- Version.....: 3.1503 // J.Fes
- Categorie.....: Import Sites/Data Import Settings
- Additional Info: Ver.Info Check.Settings
- Type.....: New:
- Description.....: JobServer TC.Site definitions enhanced
                    It is now possible to define TC Table mappings.

                    Please see settings:
                    Sites/ Data Import -> SiteDef -> 7.02 - TC Table mapping

                    Settings can be used to map to correct project table via define setting
                    PPROJECT_LIST=PPROJECT_LIST_0

                    Enhancement implemented by code extensions
```

String Collection Editor

Enter the strings in the collection (one per line):

PPROJECT_LIST=PPROJECT_LIST_0

OK Cancel

select site and start process

Import Site.Data	Sync Site.Data	Import Extended
infodba.PWORKSPACEOBJECT.....	infodba.PWORKSPACEOBJECT.....	OK (Table has data:Yes)
infodba.PPROJECT_LIST.....	infodba.PPROJECT_LIST_0.....	OK (Table has data:Yes)
infodba.PTC_PROJECT.....	infodba.PTC_PROJECT.....	OK (Table has data:Yes)

■ Sites/Data Import

The screenshot shows the 'JS[addPLM - TCSys] JobServer[ADDPLM-10-13000] [V3.2000 (Build:17.06.2025 13:15) (c) addPLM GmbH 2005..2025]' window. The 'Sites/Data Import' tab is active, displaying a table with columns: Site ID, Data Source Type, Site Name/Desc., Active, Org-Info/Note, IContr./ModDate begin, IContr./Update force, and IContr./Use Cleanup. Two rows are visible: TC11ADDPLM and TC14ADDPLM. A callout '1' points to the TC14ADDPLM row. Below the table, the 'select site and start process' section shows buttons for 'Import.Site.Data', 'Sync.Site.Data', and 'Import Extended'. A callout '2' points to the 'Admin' button. A callout '3' points to the '1 - Import Sites registered in current TC.Site' button in the 'Import Extended' dropdown menu. The bottom command window shows the output of the import process, with a callout '4' pointing to the text 'MSG: [Sites/Data Import] Update Data View (key F5) done.' and 'TC Site informations import/update from: Updated: TC14ADDPLM SiteName: [IMC--1666492236] pSite_ID: [-1666492236]'.

Site ID	Data Source Type	Site Name/Desc.	Active	Org-Info/Note	IContr./ModDate begin	IContr./Update force	IContr./Use Cleanup
TC11ADDPLM	TC	TC11-NX12	<input checked="" type="checkbox"/>	#LUp: [18.04.24 12:40 -/-]	30.01.2025 10:15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TC14ADDPLM	TC	IMC-1666492236	<input checked="" type="checkbox"/>	#New: [26.05.25 12:05 -/-]	04.07.2025 14:33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

MSG: [Sites/Data Import] Update Data View (key F5) done.
----- [09.07.25 17:28:34] --
TC Site informations import/update from:
Updated: TC14ADDPLM SiteName: [IMC--1666492236] pSite_ID: [-1666492236]
MSG: [Sites/Data Import] Update Data View (key F5) done.

Procedure:

- 1 – Select the site def by selecting the row or by clicking in one of the cells
- 2 – Select Admin
- 3 – Click on button “Import Sites registered in current TC.Site” -> Starts importing the site definitions
- 4 – Output of imported Side definitions

Note:

If the TC database is a multisite database, all site definitions are recorded and listed.

Sites/Data Import

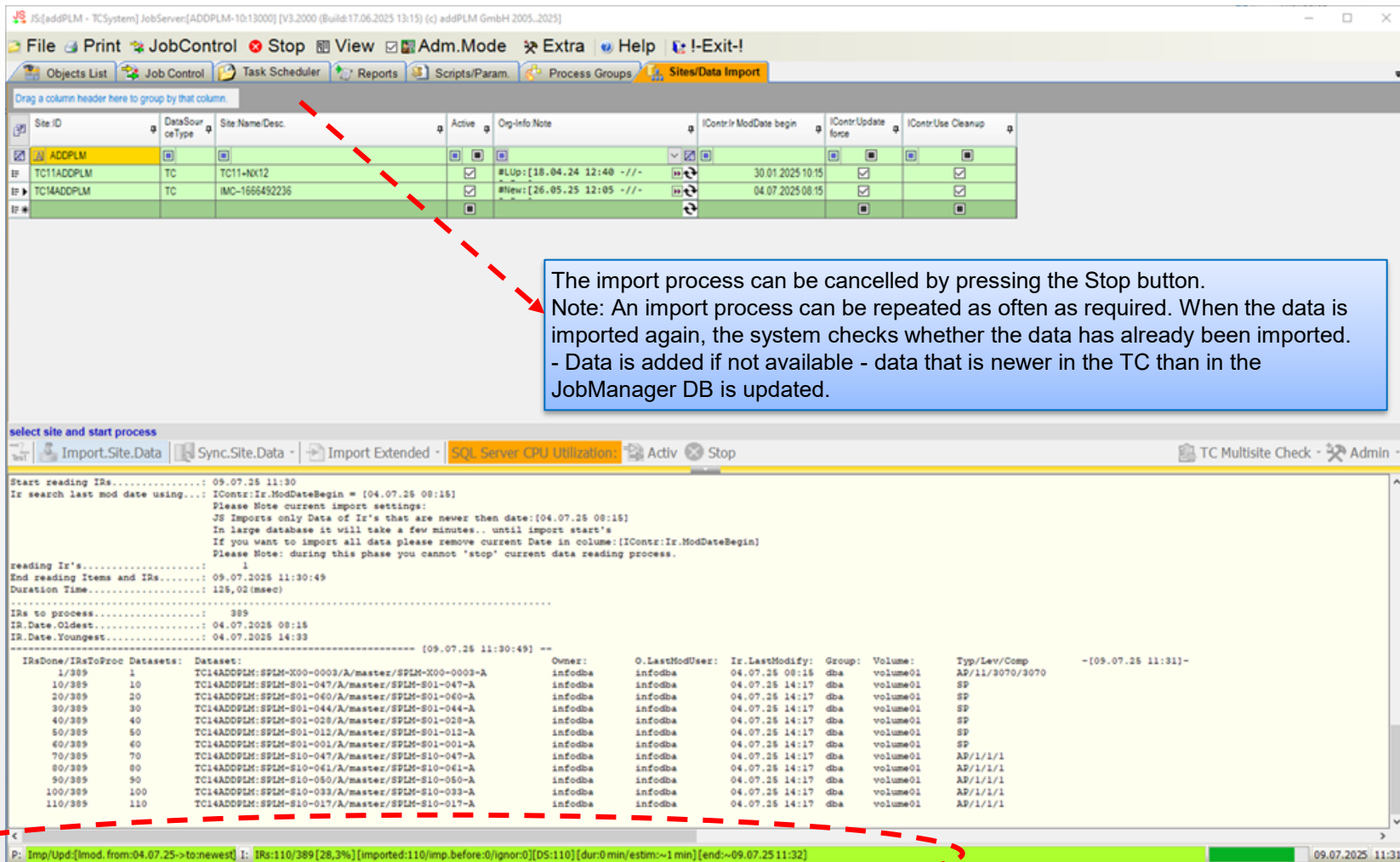
The screenshot shows the 'Sites/Data Import' window. The table lists sites with columns: Site ID, Data Source, Site Name Desc, Active, Org Info Note, IContr ModDate begin, IContr Update force, and IContr Use Cleanup. The status bar at the bottom shows the import progress: 'P: ImpUpd:[mod. from:04.07.25->to:latest] I: Irs:110/389[28,3%][Imported:110/Imp.before:0/ignor:0][05:110][dur:0 min/estim:~1 min][end:~09.07.25 11:32]'.

Sequence of the data import:

- 1 - Select the site def by selecting the row or by clicking in one of the cells
- 2 - Click on the 'Import.Site.Data' button → Start the data import
- 3 - Output the import information
- 4 - Output information about the expected import duration in the status bar.

Note: At the end of the import, a summary of the data import is displayed. The import process can be ended by pressing the Stop (5) button.

■ Window during the import process



The import process can be cancelled by pressing the Stop button.
Note: An import process can be repeated as often as required. When the data is imported again, the system checks whether the data has already been imported.
- Data is added if not available - data that is newer in the TC than in the JobManager DB is updated.

```

select site and start process
Import.Site.Data Sync.Site.Data Import Extended SQL Server CPU Utilization Activ Stop
TC Multisite Check Admin

Start reading IRs.....: 09.07.25 11:30
Ir search last mod date using...: IContr:Ir.ModDateBegin = [04.07.25 08:15]
Please Note current import settings:
JS Imports only Data of Ir's that are never then date:[04.07.25 08:15]
In large database it will take a few minutes.. until import start's
If you want to import all data please remove current Date in column:[IContr:Ir.ModDateBegin]
Please Note: during this phase you cannot 'stop' current data reading process.

reading Ir's.....: 1
End reading Items and IRs.....: 09.07.2025 11:30:49
Duration Time.....: 125,02(msec)

IRs to process.....: 389
IR.Date.Oldest.....: 04.07.2025 08:15
IR.Date.Youngest.....: 04.07.2025 14:33

----- [09.07.25 11:30:49] -----
IRsDone/IRsToProc Datasets: Dataset: Owner: O.LastModUser: Ir.LastModify: Group: Volume: Typ/Lev/Comp ~[09.07.25 11:31]-
1/389 1 TC14ADDPIM:SPIM-X00-0003/A/master/SPIM-X00-0003-A infodba infodba 04.07.25 08:15 dba volume01 AP/11/3070/3070
10/389 10 TC14ADDPIM:SPIM-S01-047/A/master/SPIM-S01-047-A infodba infodba 04.07.25 14:17 dba volume01 SP
20/389 20 TC14ADDPIM:SPIM-S01-040/A/master/SPIM-S01-040-A infodba infodba 04.07.25 14:17 dba volume01 SP
30/389 30 TC14ADDPIM:SPIM-S01-044/A/master/SPIM-S01-044-A infodba infodba 04.07.25 14:17 dba volume01 SP
40/389 40 TC14ADDPIM:SPIM-S01-028/A/master/SPIM-S01-028-A infodba infodba 04.07.25 14:17 dba volume01 SP
50/389 50 TC14ADDPIM:SPIM-S01-012/A/master/SPIM-S01-012-A infodba infodba 04.07.25 14:17 dba volume01 SP
60/389 60 TC14ADDPIM:SPIM-S01-001/A/master/SPIM-S01-001-A infodba infodba 04.07.25 14:17 dba volume01 SP
70/389 70 TC14ADDPIM:SPIM-S10-047/A/master/SPIM-S10-047-A infodba infodba 04.07.25 14:17 dba volume01 AP/11/1/1
80/389 80 TC14ADDPIM:SPIM-S10-041/A/master/SPIM-S10-041-A infodba infodba 04.07.25 14:17 dba volume01 AP/11/1/1
90/389 90 TC14ADDPIM:SPIM-S10-050/A/master/SPIM-S10-050-A infodba infodba 04.07.25 14:17 dba volume01 AP/11/1/1
100/389 100 TC14ADDPIM:SPIM-S10-033/A/master/SPIM-S10-033-A infodba infodba 04.07.25 14:17 dba volume01 AP/11/1/1
110/389 110 TC14ADDPIM:SPIM-S10-017/A/master/SPIM-S10-017-A infodba infodba 04.07.25 14:17 dba volume01 AP/11/1/1

P: [Imp/Upd:[mod. from:04.07.25->to:newest] 1: IRs:110/389 [28,3%][imported:110/imp.before:0/ignor0][DS:110][dur:0min/estim:~1min][end:~09.07.25 11:32] 09.07.2025 11:31
    
```

The current import status is displayed continuously. **Note:** at the start of the import process, the information is very imprecise.

- Window after the import has been completed

JS:[addPLM - TCSys...]

FilePrintJobControlStopViewAdm.ModeExtraHelp!-Exit-!

Objects ListJob ControlTask SchedulerReportsScripts/Param.Process GroupsSites/Data Import

Drag a column header here to group by that column.

Site:ID	DataSource	Site:Name/Desc.	Active	Org-Info:Note	IContr:Ir ModDate begin	IContr:Update force	IContr:Use Cleanup
ADDPLM							
TC11ADDPLM	TC	TC11-NX12		#LUp:[18.04.24 12:40 -/-]	30.01.2025 10:15		
TC14ADDPLM	TC	IMC-1666492236		#New:[26.05.25 12:05 -/-]	04.07.2025 14:33		

select site and start process

Import.Site.DataSync.Site.DataImport ExtendedSQL Server CPU Utilization: ActivStopTC Multisite CheckAdmin

340/389	340	TC14ADDPLM:SPLM-L20-032/A/master/SPLM-L20-032-A	infodba	infodba	04.07.25 14:33	dba	volume01	AP/2/4/4
350/389	350	TC14ADDPLM:SPLM-L20-015/A/master/SPLM-L20-015-A	infodba	infodba	04.07.25 14:33	dba	volume01	AP/2/4/4
360/389	360	TC14ADDPLM:SPLM-L20-111/A/master/SPLM-L20-111-A	infodba	infodba	04.07.25 14:33	dba	volume01	AP/3/10/10
370/389	370	TC14ADDPLM:SPLM-L20-107/A/master/SPLM-L20-107-A	infodba	infodba	04.07.25 14:33	dba	volume01	AP/3/10/10
380/389	380	TC14ADDPLM:SPLM-L20-203/A/master/SPLM-L20-203-A	infodba	infodba	04.07.25 14:33	dba	volume01	AP/4/22/22

IRsDone/IRsToProc Datasets: Dataset: Owner: O.LastModUser: Ir.LastModify: Group: Volume: Typ/Lev/Comp

389/389 389 TC14ADDPLM:SPLM-L00-003/A/master/SPLM-L00-003-A infodba infodba 04.07.25 14:33 dba volume01 AP/7/190/190

----- [09.07.25 11:31:29] --

Import statistics for Site..... TC14ADDPLM [IMC--1666492236]

IRs TC.DB total..... 0

IRs to process..... 389

IRs imported total..... 0

IRs imported before..... 0

IRs ignored..... 0

Datasets imported total..... 389

Duration time..... 39,30(sec)

Duration time estimated..... 1 [min]

Date,Time start..... 09.07.25 11:30

Date,Time end estimated..... 09.07.25 11:31

.....

Import result..... import completed successfull

Imp.IR.Date.Oldest..... 04.07.25 08:15

Imp.IR.Date.Youngest..... 04.07.25 14:33

IContr:..... set Ir.ModDateBegin=04.07.25 14:33:05 // set DS.ModDateBegin=04.07.25 14:32:42

MSG:[Sites/Data Import] Update Data View (key F5) done.

P: idle: I: ... idle

09.07.2025 14:26

Once the import is complete, a report on the import results is displayed in the info window.

■ Settings for Native / File Based Sites

Process Description:

- JobServer do sets Searchpath for used program: '%UGII_BASE_DIR%\NXBIN\ugpc.exe'
- Following condition is used:
 1. LoadOptions_SearchPaths: L:\\NXData\\...
→ then all sub dirs containing *.prt files will be used
 2. LoadOptions_SearchPaths: L:\\NXData\\ L:\\NXData\\NXIsoParts\\
→ then following paths are used: L:\\NXData\\ L:\\NXData\\ NXIsoParts\\
 3. LoadOptions_SearchPaths: \${NXProjectPath_DP} L:\\NXData\\
→ if Env Var: NXProjectPath_DP = L:\\NXData\\Projekt01
→ then following paths are used: L:\\NXData\\Projekt01\\ L:\\NXData\\
 4. LoadOptions_SearchPaths:
→ then no path is used ugpc.exe is using as saved Option

```
1. nx120_UGII_LOAD_OPTIONS.def
0      10      20      30      40      50      60      70
1 LoadOptions_SearchPaths: L:\\NXData\\ 1*
2 LoadOptions_SearchPaths: L:\\NXData\\ L:\\NXData\\NXIsoParts\\ 2*
3 LoadOptions_SearchPaths: ${NXProjectPath_DP} L:\\NXData\\ 3*
4 LoadOptions_SearchPaths: 4*
5
6 LoadOptions_LoadComponents: load_all_components
7 LoadOptions_PartLoadOption: fully_load
8 LoadOptions_LoadWAVE: NO
9 LoadOptions_LoadWAVEParents: NONE
10 LoadOptions_LoadSubstitution: dont_allow_substitution
11 LoadOptions_LoadLatest: YES
12 LoadOptions_LoadOption: load_from_search_dirs
```

■ Option parameter for starting JobServer JobClient via: ..\JobManagerStart.cmd

Nr	Parameter:	Description:	Example
1	Optionsschalter: /ServerSettingsXML	Controls which serversetting file is to be read in when the software is started. Note: If this parameter is not specified, the setup file from the directory from which the NXJobManager was started is used.	/ServerSettingsXML TCSysTem
2	Optionsschalter: /Setup	Starts the programme in setup mode Note No database connections are established when the software is started. The required default settings for the software can be edited here.	/setup
3	Optionsschalter: /TabsVisible #New:22.09.2022	If set, only given tabs will be visible in the JobServer If not set, all tabs will be visible in the JobServer possible values are: <ul style="list-style-type: none"> - ObjectList; - JobControl - TaskScheduler - Reports - Scripts - ProcessGroups - Sites 	Note: multiple values are valid (separated by;) Example: /TabsVisible ObjectList;Reports;JobControl
4	Optionsschalter: /DefaultTab #New:22.09.2022	sets the given tab as the default tab, that is shown on JobServer startup possible values are: see Row above	Example: /DefaultTab JobControl
5	/DrawingIndexSearchUIShow #New:11.12.2018	JobServer if set, a special gui will be showed, only for drawing indexing search	Example: /DrawingIndexSearchUIShow
6	Umgebungsvariable: JobMgr_Root_DP JobMgr_01-BinServer_DP	Name: JobMgr_Root_DP Use : Optional Content: Root directory of the application Note: is overwritten by the settings in the ServerSettingsXML file Variable is set in the JobManagerStart.cmd script.	Set JobMgr_Root_DP=S:\JobManagerV3 Set JobMgr_01-BinServer_DP=S:\JobManagerV3\01-BinServer

- Option parameter for starting JobServer JobClient via: ..\JobManagerStart.cmd

Nr	Parameter:	Beschreibung:	Beispiel
1	_RunAfterImportOnJobServer*.*	If files with the name pattern *RunAfterImportOnJobServer*.* is added to the package, this script or programme will be executed after the import.	Mail_MSG_RunAfterImportOnJobServer.cmd
2	Optionsschalter: /AutoStart -TaskScheduler:On -JobContol:[A,R]	This option can be used to control that the software automatically activates the specified mode after startup Is used, for example, to start the software automatically in the desired mode after restarting the computer.	/AutoStart "TaskScheduler:On" → startet den TaskScheduler /AutoStart "JobControl:A" → startet JobControl im Modus:Automatic /AutoStart "JobControl:R" → startet JobControl im Modus:Recive /AutoStart "TaskScheduler:On JobContol:A" → startet TaskScheduler + JobControl:A
3	JobManagerStart.cmd /Client	Starts the JobServer client Note: The environment is controlled by the start script JobManagerStart.cmd	.\01-BinServer\JobManagerStart.cmd /Client
5	/IRIds_ObjectNames	Transfer of IR and object search filter for JobPlaner	/IRIds_ObjectNames 10872019/0-Gestell##UGPART##Z1;10872019/0-Gestell##UGPART##10872019-0; /IRIds_ObjectNames 000013/A##UGMASTER##000013-A;

- Option parameter for starting JobServer JobClient via: ..\JobManagerStart.cmd

Nr	Parameter:	Beschreibung:	Beispiel:
1	Optionsschalter: /JobClientStartMode Automatic /JobClientStartMode Test /JobClientStartMode Pause	This option can be used to control that the software automatically activates the specified mode after startup.	/JobClientStartMode Automatic → startet den JobClient im Automatic Modus /JobClientStartMode Test → startet den JobClient im Test Modus /JobClientStartMode Pause → startet den JobClient im Pause Modus d.h. die Software startet verbindet sich aber nicht mit dem JobServer. Diese Option kann verwendet werden um bei Test's zu vermeiden das der JobClient Jobs neu annimmt oder Ergebnisse an den JobServer übermittelt
2	Environ Variable: JobMgr_RootL_DP	This environment variable can be used to define that the JobManager programmes are copied locally to a specified directory and started from there.	set in user or system Environment set JobMgr_RootL_DP=D:\JobMgrL set JobMgr_RootL_DP=%ProgramFiles(x86)%\JobMgrL
3	Command line option: /WorkInstTitel #CutomTitel#	Defines the displayed tile of JobServer GUI. It can be used for easier identification off JobSever's if running severnal JobServers on the same Computer.	/WorkInstTitel PLM1-NL_VLD /WorkInstTitel PLM2-US_WLT
4	Command line option: /TCPPort #PortNumber# #New:10/2014	Defines which IP Port is used for JobServer JobClient communication can be used for Start of JobServer and JobClient	/TCPPort 14001
5	/JobMgr_JCAliasName	Defines the Name that JobClient uses to identify the JobClient against the JobServer Use case is to run processes with one JobClient processing Data in different Sites	/JobMgr_JCAliasName "%ComputerName%.TCPLMP"

- Exclude process status of a process package using a JobServer script

Job Scripts and Parameters:

Job Script Name	JobScriptDescription	Parameters	JobClient Script	JobServer Script to gen next Paket
RfSp	Refile single parts	-keep_volume=yes -update_mo	RefileNX4\ClientScripts\RefileNx4.Cmd	
RfAp	Refile assembly parts	-keep_volume=yes -update_mo	RefileNX4\ClientScripts\RefileNx4.Cmd	
Export	Export	-DxfExpo=YES -ParasolidExpo=	NXDataExport\ClientScripts\NXDataExport.cmd	
GenericExample	Generic Example	/Para1=Para1-Value /Para2=Pa	GenericExample\ClientScripts\GenericExample.Cmd	
JTExport	JT (File Export)	-JTExportYES	NXDataProcessing\ClientScripts\NXDataProcessing.cmd	
PlistDelete			PlistDelete\ClientScripts\PlistDeleteOnDataSet.cmd	
JTTceUpdate	JT (TCE Update)	-JTTceUpdateYES	NXDataProcessing\ClientScripts\NXDataProcessing.cmd	
Isam2DToNx	Isam Import		Isam2DToNx\ClientScript\Isam2D_Convert_to_NX.cmd	Isam2DToNx\Isam2DToNxGetNextPack

JS Edit Script: V:\JobManager\ProgEntw\Ver02\JobManagerV2\90-DATA\CustomerNameShort_SettingsGlobal\10-JobScripts\Isam2DToNx\Isam2DToNxGetNextPacket.Vb

```

64 Example: processing JobPacke DataTable -----
65 Not JS_ScriptingInterface.JobDefCurrJob Is Nothing Then
66 If JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows.Count > 0 Then
67 ' Edit the DataRow off the ObjectPacket_DataTable
68 Dim ix As Integer = 0
69 For Each DR As DataRow In JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows
70 MyScriptOutput_frm.InfoSysProtocol.PrintInfoLine("Details of:" & DR.Item("ObjectClnName").ToString)
71 'JS_ScriptingInterface.JobDefCurrJob.JobRule_struct.ProcStateCol
72 ix +=1
73 If ix<=5 Then
74 ' muss immer auf X gesetzt werden damit die Umschaltung erfolgt!!
75 DR.Item("ProcStateCol05") = "#X"
76 DR.Item("ObjectNote") = "ResultCode='99' ResultMsg='My Message' ProcessState='D'"
77 End If
78
79 'For Each Col As DataColumn In JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Columns
80 ' MyScriptOutput_frm.InfoSysProtocol.Print(("[" & Col.ColumnName & "]=") & DR.Item(Col.ColumnName)
81 'Next
82
83 Next
    
```

Kennzeichen das das Objekt via JS-Script excludet wurde

■ Details zur Steuerung des JobServers via JobServerScripts

The screenshot shows a script editor window titled 'ScriptingEngineClass2' with a script named 'ScriptMain'. The script contains a 'Select Case' statement with three cases. Red dashed boxes and arrows highlight the following elements:

- Case 1:** `Select Case JS_ScriptingInterface.JobDefCurrJob.JobDef.JobServerScript_RunCondition` is highlighted with a red dashed box. An arrow points from this box to the text `JS_ScriptingInterface.JobDefCurrJob.JobDef.JobServerScript_RunCondition` in the top right.
- Case 1 Action:** The first action is `JS_ScriptingInterface.JobDefCurrJob.JobDef.JobRule.JobControlInterface.SelectObjects_ViaJobRule = False`. An arrow points from this line to the text `JS_ScriptingInterface.JobDefCurrJob.JobDef.JobRule.JobControlInterface.` in the top right.
- Case 2:** `Case ScriptingDef.RunCondition_enum.Cond02_GenNewJob_After_SelectObjectData` is highlighted with a red dashed box.
- Case 2 Action:** The first action is `JS_ScriptingInterface.JobDefCurrJob.IsNot Nothing AndAlso JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable IsNot Nothing Then`. An arrow points from this line to the text `JS_ScriptingInterface.JobDefCurrJob.IsNot Nothing AndAlso JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable IsNot Nothing Then` in the top right.

The script also includes comments in German and a list of variables on the right side:

```

-- Aktion vor Selection der Objekt Daten:
-- Vergabe für weiteres Verhalten einstellen: Keine Objekte selectieren lassen
-- Vorgaben für weiteres Verhalten einstellen: JobPaket an den Client senden
JS_ScriptingInterface.JobDefCurrJob.JobDef.JobRule.JobControlInterface.SelectObjects_ViaJobRule = False
JS_ScriptingInterface.JobDefCurrJob.JobDef.JobRule.JobControlInterface.JobPaket_SendToJobClient = True
Me.ParseResultFromFile("C:\Autoexec.bat")

Case ScriptingDef.RunCondition_enum.Cond02_GenNewJob_After_SelectObjectData
-- Aktion wenn Daten selectiert wurden -> Bietet die Möglichkeit die ermittelten Daten zu verwenden
-- Example: processing JobPaket DataTable -----
If JS_ScriptingInterface.JobDefCurrJob IsNot Nothing AndAlso _
JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable IsNot Nothing Then
If JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows.Count > 0 Then
' Edit the the DataRow off the ObjectPacket_DataTable
For Each DR As DataRow In JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows
MyScriptOutput_frm.InfoSysProtocol.PrintInfoLine("Details of:" & DR.Item("ObjectCliName").ToString)
For Each Col As DataColumn In JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Columns
MyScriptOutput_frm.InfoSysProtocol.Print(("[" & Col.ColumnName & "]=" & DR.Item(Col.ColumnName).ToString)
Next
Next
End If
MyScriptReturn.ReturnDataTable = JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable
MyScriptOutput_frm.InfoSysProtocol.Print("JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows.Count=" & JS_ScriptingInterface.JobDefCurrJob.ObjectPacket_DataTable.Rows.Count)
Else
MyScriptOutput_frm.InfoSysProtocol.Print("JS_ScriptingInterface.JobDefCurrJob=NOTHING")
End If
MyScriptOutput_frm.Pause("2- click me and script will continue")

Case ScriptingDef.RunCondition_enum.Cond10_JobResults_Get
-- Aktion wenn das Ergebnis vom JobClient an den JobServer zurück übermittelt wird
End Select
    
```

Variables listed on the right:

- SelectObjects_ViaJobRule
- JobPaket_SendToJobClient
- ExcuteJobServerScript_and_ContinueWithNextJobRule

■ How to define TC-Dataset Types in JobManger

JS [addPLM - DefaultSystem] JobServer[ADDPLM-03:13000] [V3.14912 (Build:14.02.2020 00:14) (c) addPLM GmbH 2005..2020]

File Print JobControl Stop View Adm.Mode Extra I-Exit!

Objects List Job Control Task Scheduler Reports Scripts/Param. Process Groups Sites/Data Import

Drag a column header here to group by that column.

Site ID	Active	Site Name/Desc.	Data Source Type	DS ServerName	Setup-D	IContr/ModDate begin	IContr/Update force
TC11ADDPLM	<input checked="" type="checkbox"/>	TC11ADDPLM new 03/2019	TC	ADDPLM-V8019QLE	SqClient	10.02.2020 17:46	

Site Id Aktiv Data Source Type Site Description

TC11ADDPLM ☒ TC TC11ADDPLM new 03/2019

TC Settings Generic Settings Import Settings 1 Import Settings 2 Import Settings 3 Object Attribut

1-Import DS Types

1-NX	True
2-Ideas	False
3-ProE	False
4-Catia	False
5-JT	False
6-Step	False
7-ObjectType List	UGMASTER,UGPART,UGAL TREP

2-Import DS Types TC:SQL Script handling

1- List of DS Types to import into JobManger	NX
2- TC 'Dataset Types' to import (contained in IPI)	UGMASTER, UGPART,UGAL TREP
3- TC 'NamedRef.Type' (File Types)	UGPART

Details Impact Analysis Viewer JT-Vorschau

000034/A;2

Object	Type	Relation	Owner	Group...	Date Modified
000034/A	ItemRevision	Mast Item Masters	infodb	dba	10-Feb-2020 18:37
000034-A	UGMASTER	Specifications	infodb	dba	10-Feb-2020 18:43

Named References

Check-out a dataset to update named references.

Reference	Name	Size	Remote	Type	Last Modified	Volume
UGPART-ATTR	UGPART-ATTR			UGPartAttr	10-Feb-2020 18:37	
UGPART-ATTRIBUTES	000034-A			UGPartAttributesForm	10-Feb-2020 18:43	
UG-QuickAccess-Text	qafmetadata.qaf	445 bytes		ImanFile	10-Feb-2020 18:43	volume01
UG-QuickAccess-Binary	images_preview.qaf	1397 bytes		ImanFile	10-Feb-2020 18:43	volume01
UGPART	000034-A.prt	51 kb		ImanFile	10-Feb-2020 18:43	volume01

Open Upload... Download...

JobManager Collection Editor

Import Export

master (UGMASTER)

spec. (UGPART)
altrep. (UGALTREP)
scenar.Fem (UGSCENARIO)
manifes. (UGMANIFESTATION)
simul. (NXSIMULATION)
cae.Geom. (CAEGEOM)
cae.Mesh. (CAEMESH)
cae.Solu. (CAESOLUTION)

ObjectType

1-DS Types	NX
2-ObjectType	UGMASTER
3-isActive	True
4-ObjectName in Gu	master (UGMASTER)
5-Name Print	Master
6-ObjectType SearchKey	UGMASTER
7-TC Dataset Type	UGMASTER
8-TC NamedRed Type	UGPART

Defines to which DS-Types-Group this ObjectType belongs
#Example: NX,Catia,Ideas

OK Cancel

Print Object

UID:

Dataset i4AAAA0jbEXlwC object_name = "000034-A"

object_application "Teamcenter"

object_type "UGMASTER"

Print Object

UID:

Dataset i4A

ref_names VLA &00007FF6DAFFCF70 (length 5)

ref_names[0] "UGPART-ATTR"

ref_names[1] "UGPART-ATTRIBUTES"

ref_names[2] "UG-QuickAccess-Text"

ref_names[3] "UG-QuickAccess-Binary"

ref_names[4] "UGPART"

1. [PLMJobManager Basics / System Overview](#)
2. [Working / Usage JobServer](#)
3. [Working / Usage JobClient](#)
4. [Setup / Config JobServer and Processes](#)
5. [Short Cuts / Environ variables / Glossary](#)

■ List of keyboard shortcuts

Nr.	Situation / Abbreviation	Description:
1	JobServer is starting Hold Shift Key	Software is started in setup mode. After starting the software, the settings dialogue opens.
2	JobServer is starting Hold Keys Shift + Strg	The splash screen window displays extended information and remains open after the application is started. Any AutoStart options that have been set are not executed.
3	JobServer Data Grid View Strg+I	Copies the data of the active data row into the info window
4	JobServer Strg+S	Saves the current settings such as window positions, table views and current input data of the user interface
5	JobServer Data Grid View Strg+R	Adjusts the height of the table rows to the text height of the data in the table rows. This allows data row contents to be visualised very quickly

■ List of environment variables

Nr	Variable:	Description :	Values / Examples
1	JobMgr_Root_DP	Contains the root path in which the software is installed. The concept of the JobManager is that these are located centrally in the customer's network.	\\PLMServer\PLMShare\Prod\JobManager\.. S:\Prod\JobManager\..
2	JobMgr_ServerSetting_DP	Contains the directory in which the customer's server settings are located. %JobMgr_Root_DP%\01-BinServer.Custom	\\PLMServer\PLMShare\Prod\JobManager\01-BinServer.Custom S:\Prod\JobManager\01-BinServer.Custom
3	JobMgr_ClientSetting_DP	Contains the directory in which the settings for the clients are located. %JobMgr_Root_DP%\02-BinClient.Custom	\\PLMServer\PLMShare\Prod\JobManager\02-BinClient.Custom S:\Prod\JobManager\02-BinClient.Custom
4	JobMgr_RootL_DP	variable can be used to specify in which directory on a host the JobManager software should be executed.	Set JobMgr_RootL_DP=D:\PLMProgL → All programmes are then executed in D:\PLMProgL\JobManager\..
5			

- Lists all Warnings and Errors that are analysed during JobMgr Metadata Import

Object's having Import WRN/ERR Msg. ☐

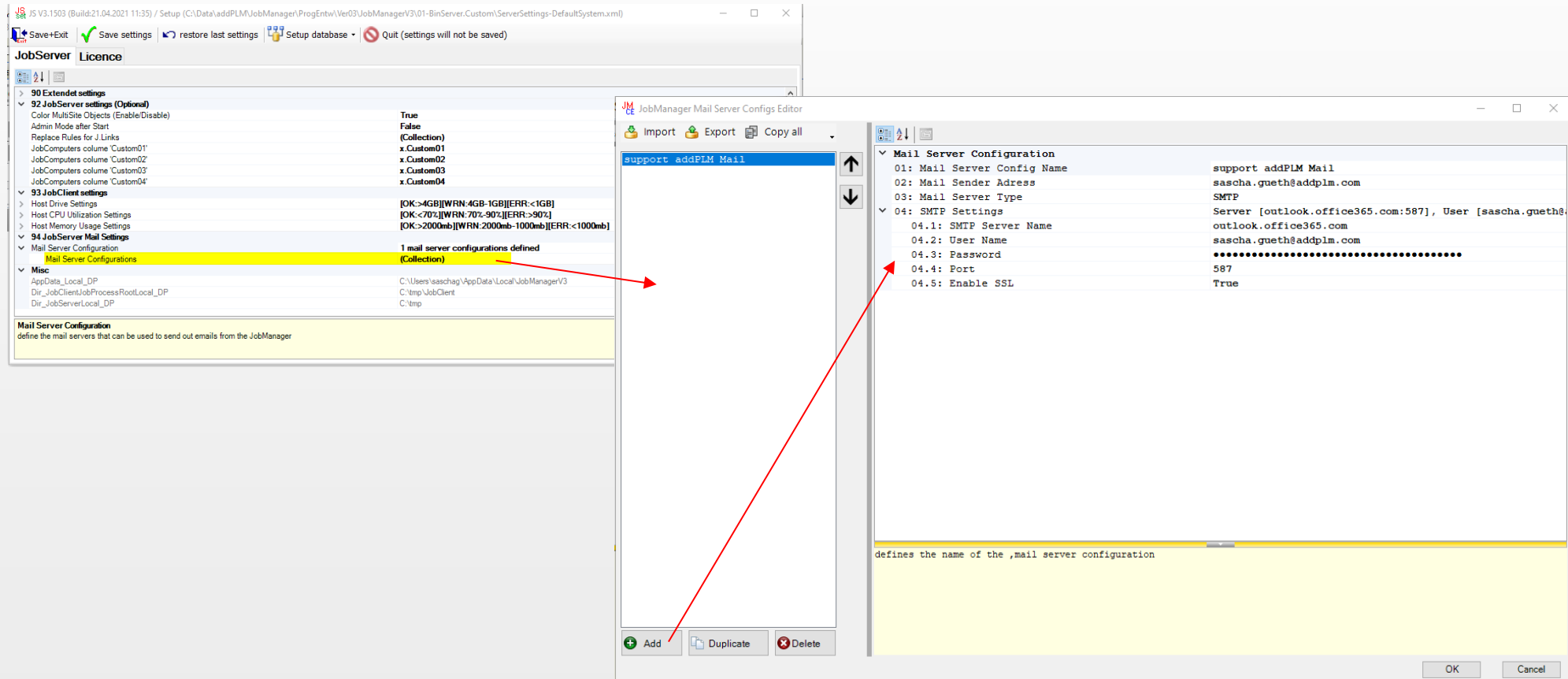
Key	New	Description:	Example
WRN_100_PSEAnalyse_LevMax			
WRN_110_PSEAnalyse_CompMax			
WRN_120_PSEAnalyse_TimeMax			
WRN_140_DataSetHasMultibleIrReferences			
ERR_130_PSEAnalyse_Ap_isSelfRefererencing			
ERR_200_DateTimelsNull			
ERR_201_DateTimeFormatWrong			
WRN_203_RelDateIrlsMissing	07.05.2018	Ir has Status but Release Date is missing	
WRN_204_RelDateWSOIsMissing	07.05.2018	Object has Status but Release Date is missing	
ERR_301_DSIsMissingFile	11.03.14	TC Dataset Named Ref is missing req. File	
ERR_302_DSHasMutiCADFiles	11.03.14	TC Dataset Named Ref has more then 1 File reference	
ERR_402_NativNxFilePropHasZeroBytes	26.05.20	Files is corrupt because file size is 0 Bytes	
WRN_411_NativNxFileBOMAnalyse	26.05.20	General Issues found during BOM Analyse	
WRN_412_NativNxFileBOMAnalyseCompNf	26.05.20	Referenced Assembly component (File) not found	

List of Names

Nr.	Short	Description:
1	ResCLR	Result Classifications Rules
2	SP	Part.Type is Single Part / Mona-Part
3	AP	Part.Type is Assembly Part (IR has Bomview)
4	SO	Object is a Site Object and can be edit and saved on this site
5	RO	Object is a Replica Object
6	JS	Jobserver
7	JC	JobCLient
8	JobMgr	PLMJobManager Application

■ Step 1: Setup JobManager Email Server

- Define email servers that will be used to send out emails
- You can define multiple email servers
- How to define email servers:
goto: JobServer -> Extra -> 01 – Setup – Server Settings -> 94 – JobServer Mail Settings -> Mail Server Configurations



■ Step 2: Setup JobManager Email Configuration

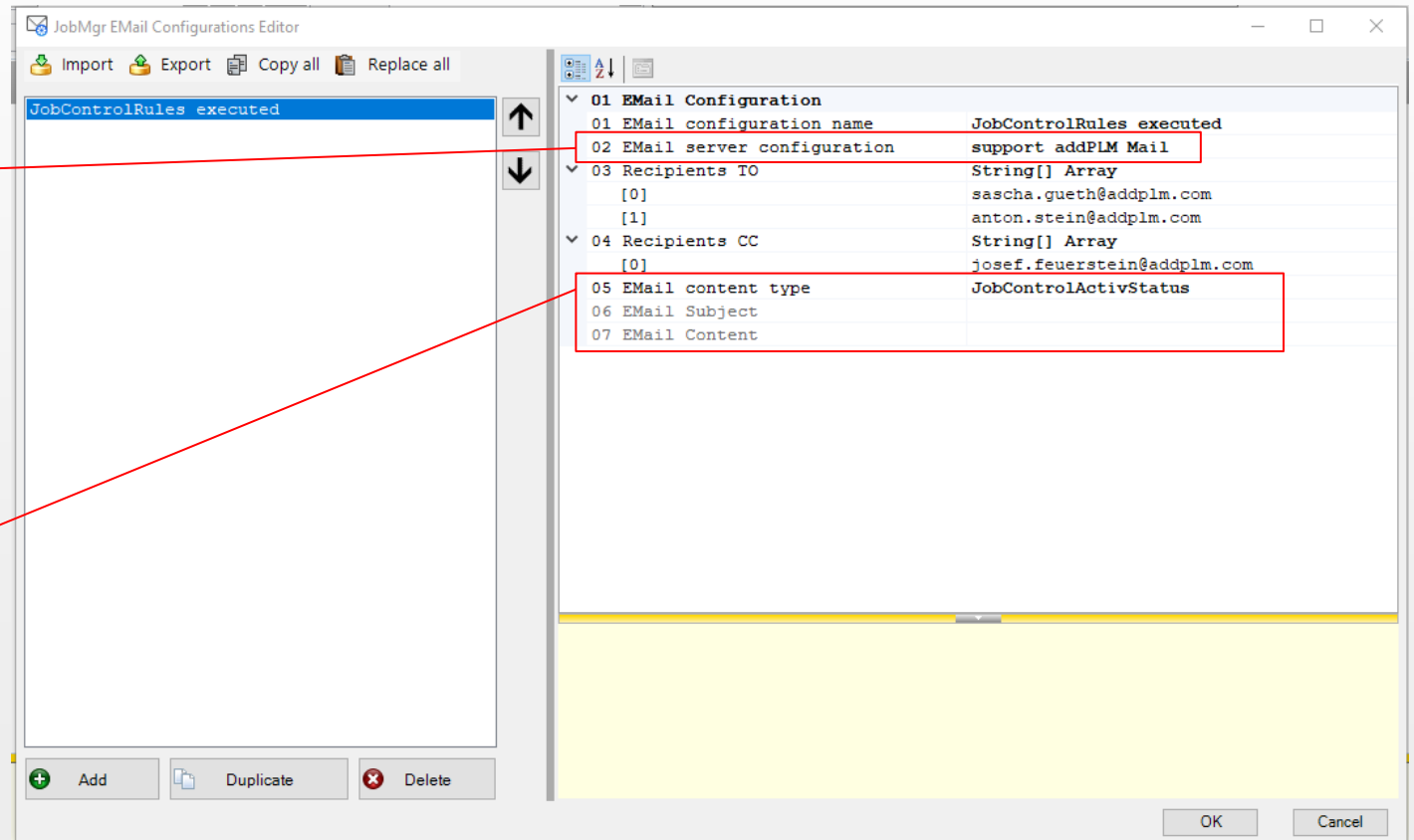
- Define email configuration that defines the email recipients and the email content
- You can define multiple email configurations
- How to define email configuration :
goto: JobServer -> Extra -> 11 – JobManager Email Configurations

Select Email server configuration to send out the emails (defined in step 1)

Defines the EMail content type

if you select 'Custom' you can define a custom mail subject and mail content

if you select a specific type, a default subject and content will be used in the mail



■ Step 3: Setup Email for JobControl Activ Status Rules

- Open: JobControl Activ Status Rules
goto: JobServer -> Extra -> 09 - JobControl Activ Status Rules Edit

defines if an EMail should be send out when this JobControl Activ State Rule is executed

defines the EMail Configuration which should be used for sendig Emails
select an email configuration you have defined in step 2

JobControl Activ Status Rules Editor

Import Export Copy all

Rule: Deactivate PU Jobs
Rule: deactivate migarion jobs

Job Control Activ Status Config

01 - Rule is activ	True
02 - Rule Name	Deactivate PU Jobs
03 - Description	deactivate all part update jobs rules
04 - Type	JobRule
05 - Type Name	PartUpdate*
06 - Status	Inactiv

Job Control Activ Status EMail Config

07 - Send EMail	True
08 - EMail Configuration	JobControlRules Hit

Add Duplicate Delete OK Cancel

1. [PLMJobManager Basics / System Overview](#)
2. [Working / Usage JobServer](#)
3. [Working / Usage JobClient](#)
4. [Setup / Config JobServer and Processes](#)
5. [Short Cuts / Environ variables / Glossary](#)

