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Product Loading: Doors

PL4





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Are you an attendee in a DigiPara Liftdesigner online training module?

We recommend to print these out in advance so that you have a handout for your own editing and for your notes during your training. Agenda

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Day 1

Session 1

PL4.1 Doors

- Landing Door
- <u>Car Door</u>
- Door Assignment

Day 2

Session 2

PL4.2 Door Accessoires

- Door Fixings
- <u>Fixing Groups</u>
- Door Jambs
- Jambs Wallopenings

Agenda

Day 2

Session 3

PL4.3 Options for Doors

- Glass Panels
- <u>Car Door Drives</u>

May 23, 2024

PL4.4 Summary

Custom Q&A's

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PL4.1

Landing Door





PL4.1 Landing Door

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Copy a similar BIM Component

Copy a similar BIM Component 4.1 LANDING DOOR

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Find a similar BIM Component

• in DigiPara Liftdesigner

Find out:

- Unique RID number
- Manufacturer / BIM Library



Copy a similar BIM Component 4.1 LANDING DOOR

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Copy a similar BIM Component

- in DigiPara Liftdesigner Datamanager
- The new component is copied with all parameters and values into your manufacturer module.





Edit the Meta Data 4.1 LANDING DOOR

Edit the Meta Data - Description

in DigiPara Liftdesigner Datamanager



Edit the Meta Data 4.1 LANDING DOOR

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Copy and paste Data Rows

- in DigiPara Liftdesigner Datamanager
- with the complete existing content

Select an existing data row and use Ctrl. + C / Ctrl. + V on your keyboard to fill down the data table.

RID 7500000 7500001 7500002 7500003 7500004 7500005 7500006	D_DT_RID 7500000 7500000 7500000 7500000 7500000 7500000	DD_PG_GRP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DD_DW 700 800 900	DD_Z_X2 120 120 120	DD_Z_X5 120 120	DD_SPECIAL 0	DD 0
D_RID 7500000 7500001 7500002 7500003 7500004 7500005 7500005	DD_DT_RID 7500000 7500000 7500000 7500000 7500000 7500000	DD_PG_GRP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DD_DW 700 800 900	DD_Z_X2 120 120 120	DD_Z_X5 120 120	DD_SPECIAL 0 0	0 0
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7500012	7500000	0	2000	120	120	0	0
7500013	7500000	0	2000	120	120	0	0
7500014	7500000	0	2000	120	120	0	0
7500015	7500000	0	2000	120	120	0	0
7500016	7500000	0	2000	120	120	0	0
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Edit the Meta Data - Door Widths

Edit the Meta Data

4.1 LANDING DOOR

in DigiPara Liftdesigner Datamanager



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Load your edited BIM Component

Load your edited BIM Component 4.1 LANDING DOOR

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• ... in DigiPara Liftdesigner



Load the Developer Work Area

Load the Developer Work Area

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4.1 LANDING DOOR

• ... in DigiPara Liftdesigner



Load the Developer Work Area

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4.1 LANDING DOOR

Next to the Developer Work Area DigiPara Liftdesigner automatically loads a Developer LOD View sheet additionally.





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Use the Explanation of Parameters and Values

- in DigiPara Liftdesigner Datapool
 - (C:\ProgramData\DigiPara\dcc\DataPool\developer)



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Coefficient		
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<u>Central opening</u> 2 Doors: DT_X_AL & DT_X_A2 = 0,5 4 Doors: DT_X_AL & DT_X_A2 = 0,23 6 Doors: DT_X_AL & DT_X_A2 = 0,26667

	Doar of	ening Door	Door opening				
Caefficient				Coefficient			
DT_X_B1	DT_X_AL	V6_00	DT_X_42	DT_X_B2			

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Define typical 3D-Parameters: Installation Position



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Use Explanation of Parameters and Values 4.1 LANDING DOOR

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Define typical 3D-Parameters: Settings for Compatibility



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Define typical 3D-Parameters: Opening Type & Door Panels

DT_OPENING

DT_B_COUNT

DT_B_Y0

DT_B_Y

	Li	iftdesigner Datam	anager: Drag	g a column header here to	group by that colum	in.						
ning	5	DT_RID	DT_MF_RID 7500000	DT_DESC My Example Steel Pan	DT_TYP_DESC Landing Door C2	DT_OPENING 3: Central opening	DT_B_COUNT	DT_B_DX O	DT_B_DY DT	_B_Y0 65	DT_B_Y D1	T_B_MOVE
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Y	-clearance	of the first do	or						49	mm		······································
p p	oint)	the P (insert							DT_B_MOVE			<u></u>
D	epth of the	e door panels							0	mm		

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Define typical 3D-Parameters: Length of Sill

DT_X_A1	Factor for the calculation from the length of the sill: L= DT_X_A1 * DD_DW + DT_X_B1	DT_X_A2	Factor for the calculation from the length of the sill: L= DT_X_A2 * DD_DW + DT_X_B2
DT_X_B1	Const. coefficient for the length of the sill: L= DT_X_A1 * DD_DW + DT_X_B1	DT_X_B2	Const. coefficient for the length of the sill: L= DT_X_A2 * DD_DW + DT_X_B2



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Define typical 3D-Parameters: Ghost Panels & Sill Dimensions



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Define typical 3D-Parameters: Door Frame Size left / right in X-Direction



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Profile of the architrave, first DT_Z_Y3 Define typical 3D-Parameters: Door Frame Size left / y-value of the right architrave. right in Y-Direction DT_Z_Y4 Profile of the architrave. second y-value of the right architrave. Liftdesigner Datamanager: Drag a column header here to group by that column DT_DESC DT Z Y1 DT Z Y2 DT Z Y3 DT Z Y20 DT RID DT MF RID DT TYP DESC DT Z Y4 Δ DT +- > 7500000 7500000 My Example Steel Pan... Landing Door C2 60 60 60 60 0 DT_Z_Y1 Value of the profile of the Architrave, at the car door 00] Door Frame Left [1101] Door Frame Right ⊳ this value gives you the suggested entry. DT Z X4 DT_Z_Y2 Profile of the Architrave, second y-value of the left Architrave. DT_Z_Y1 DT_Z_Y3 60 mm mm 60 DT_Z_Y2 DT_Z_Y4 60 60 DT_Z_Y20

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Define typical 3D-Parameters: Main Characteristic & Apron Size



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Define typical 3D-Parameters: Door Frame left / right – Jamb Width

Lifte	Liftdesigner Datamanager: Drag a column header here to group by that column.											
	DT_RID	DT_MF	_RID	DT_DESC	DT_TYP_I	DESC DT_DO	OR_TYPE	DT_AR_RID	DT_INSTALL_YO	MIN DT_INSTALL_Y	0_MAX DT_I	NSTALL_Y0_DF
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	DD_R	D	DD_DT_F	DD_PG_GRP	DD_DW	DD_Z_X2	DD_Z_X5	DD_SPECIAL	DD_ART_NO	DD_NAVI_STATUS	DD_WEIGHT	DD_PART_N
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	7	500012	7500	0 000	1900	120	120	0	0	0	0	0
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Use Explanation of Parameters and Values 4.1 LANDING DOOR

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Edit the DD_DESC Column



Liftdesigner Datamanager: Drag a column header here to group by that column.

Value:

Status

1

V

Reload your edited BIM Component

Reload your edited BIM Component

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• ... in DigiPara Liftdesigner





Modify the simplified 3D Geometry

Modify the simplified 3D Geometry

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4.1 LANDING DOOR

Prepare your Profile Group

 Create a new Profile Group in DigiPara Liftdesigner
 Datamanager

> Create a profile group table corresponding to your new landing door to assign the new additional profiles you will design for your created door.



Modify the simplified 3D Geometry 4.1 LANDING DOOR

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Prepare your Profile Group:

Profile Group Table is created


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4.1 LANDING DOOR

Prepare your Profile Group:

• Fill down for all Door Widths

Landir	Landing Doors 🗙													
Liftde	Liftdesigner Datamanager: Drag a column header here to group by that column.													
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Hor	ne Op	tions						_		
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-	7500005	7500000	7500003	12	00	-0	120	0	0	
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-	7500016	7500000	7500003	23	00 1	20	120	0	0	
	7500017	7500000	7500003	24	00 1	20	120	0	0	

2. Hold the Shift key on your keyboard and click in the last box under the column DD_PG_GRP with the left mouse button.

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Reload your edited BIM Component

• in DigiPara Liftdesigner



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Adding and changing Profiles

• in DigiPara Liftdesigner



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4.1 LANDING DOOR

The new profile is located at the base point of the landing door.



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Change the size of the profile in the properties window.



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Change the Z-position of the profile in the properties window.



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Define an appropriate formula for the position in Z-direction: Z0 [mm]

 Now the distance between the base point of the profile and the landing door is 95 mm in Z-direction, which is always the half of the size DZ [mm].



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Additionally add the 3D parameter for the current landing door height.



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Complete the formula for position Z0 [mm] with the value: + 210



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4.1 LANDING DOOR

Change the Y-position of the profile in the properties window.



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Define an appropriate formula for the position in Y-direction: Y0 [mm]

 Now the distance between the base point of the profile and the landing door is 27 mm in Y-direction, which is always the half of the size DY [mm].



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Complete the formula for the Y0 [mm] position with the DT_S_Y0 3D parameter.



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Change the profile color

 Select this new profile and change the color via the properties window into Color RID 10000 under Common Components.



iftdesigner 🕫

_ 🗆 🗙

Adding and changing Profile Shape







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4.1 LANDING DOOR



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4.1 LANDING DOOR

Change the position of the profile in the properties window.

 Define an appropriate formula for the position in Zdirection: Z0 [mm]





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Copy the finished defined Profile

 Select the finished defined profile and press Ctrl-C and Ctrl-V to copy and paste.





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4.1 LANDING DOOR

Change the position of the copied profile.

 Define an appropriate formula for the position in X-direction: X0 [mm]





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4.1 LANDING DOOR

Change the signs of the position formula X0 [mm] (+ / -)







Save into the DigiPara BIM Library

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4.1 LANDING DOOR

Save the finished defined BIM Component

into the DigiPara BIM Library



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Let's have a break!

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PL4.1

Car Door



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PL4.1 Car Door

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Copy a similar BIM Component

Copy a similar BIM Component

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Find a similar BIM Component

• in DigiPara Liftdesigner

Find out:

- Unique RID number -
- Manufacturer / BIM Library



Copy a similar BIM Component

🕫 digipara[®] liftdesigner

Copy a similar BIM Component

- in DigiPara Liftdesigner Datamanager
- The new component is copied with all parameters and values into your manufacturer module.

Find the car door with the DD_RID: 22 you have seen in the library before.

The steps 1 until 3 guide you through the copy process.





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Edit the Meta Data PL4.1 CAR DOOR

Edit the Meta Data – Description

• in DigiPara Liftdesigner Datamanager



Car Doors 🛛 🛫

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Edit the Meta Data

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Copy and paste Data Rows

- with the in DigiPara Liftdesigner
 Datamanager
- complete existing content

Select an existing data row and use Ctrl. + C / Ctrl. + V on your keyboard to fill down the data table.

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Edit the Meta Data PL4.1 CAR DOOR

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Edit the Meta Data

in DigiPara Liftde

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Define typical 3D-Parameters: Settings for Compatibility



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Define typical 3D-Parameters: Opening Type & Door Panels



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Define typical 3D-Parameters: Length of Sill

	Liftdesigner Datamanager: Drag	a column header here to group by that column.	▶ [1120] Sill				
	DT_RID DT_MF_RID	DT_DESC DT_TYP_DESC DT_X_A1 DT_X_B1 DT_X_A2 DT_X_B2 DT My Example Steel Pane Car Door C2 0.5 20 0.5 20	DT_X_A1				
DT_X_A1	Factor for the calculation from the length of the sill: L= DT_X_A1 * DD_DW + DT_X_B1	Central opening: 2 Doors: DT_X_A1 & DT_X_A2 = 0,5 4 Doors: DT_X_A1 & DT_X_A2 = 0,25 6 Doors: DT_X_A1 & DT_X_A2 = 0,16667	DT_X_B1				
DT_X_B1	Const. coefficient for the length of the sill: L= DT_X_A1 * DD_DW + DT_X_B1	Door opening Door opening Coefficient Coefficient	0,5 DT_X_B2 20 mm				
DT_X_A2	Factor for the calculation from the length of the sill: L= DT_X_A2 * DD_DW + DT_X_B2	DT_X_BIDT_X_A1DD_DWDT_X_A2DT_X_B2_	****				
DT_X_B2	Const. coefficient for the length of the sill: L= DT_X_A2 * DD_DW + DT_X_B2						

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Define typical 3D-Parameters: Sill Dimensions


Use Explanation of Parameters and Values

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Define typical 3D-Parameters: Door Frame Left in Y-Direction



Use Explanation of Parameters and Values

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Define typical 3D-Parameters: Main Characteristic & Apron Size



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PL4.1

Door Assignment





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• ... in DigiPara Liftdesigner Datamanager



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PL4.1 CAR ASSIGNMENT

Relation between front Landing Door and front Car Door





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PL4.1 CAR ASSIGNMENT

Relation between front Landing Door and rear Landing Door





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Exchanging the Landing Door

 Load your Landing Door again in DigiPara Liftdesigner



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The Result in DigiPara Liftdesigner





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PL4.2

Door Fixings





PL4.2 Door Fixings

Fixing Elements & Fixing Groups





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Copy a similar BIM Component

Copy a similar BIM Component PL4.2 DOOR FIXINGS

Α

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Add a View

Frame

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Find a similar BIM Component

• in DigiPara Liftdesigner



Copy a similar BIM Component

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Copy a similar BIM component

in DigiPara Liftdesigner Datamanager

Find the fixing element with the DF_RID: 15 you have seen in the library before.





Edit the Meta Data PL4.2 DOOR FIXINGS

Edit the Meta Data – Description

• in DigiPara Liftdesigner Datamanager

Add a new specific description for the new copied BIM component.



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Edit the Meta Data – Copy and paste Data Rows

- in DigiPara Liftdesigner
 Datamanager
- for the bottom fixing element



Liftdesigner Datamanager: Drag a column header here to group by that column.

Edit the Meta Data PL4.2 DOOR FIXINGS

Load your edited BIM Component

Load your edited BIM Component

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PL4.2 DOOR FIXINGS

Load your edited BIM Components

• in DigiPara Liftdesigner



Load the Developer Work Area

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Door Fixings TYPICAL PROCESSES

Develop this BIM Component

- in DigiPara Liftdesigner
- Select the corresponding component in an existing view frame and click on the button: Develop this BIM components -> the component appears in the developer view frames.



Modify the simplified 3D Geometry

Modify the simplified 3D Geometry

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PL4.2 DOOR FIXINGS

Change the size DY of the profile in the properties window.



Modify the simplified 3D Geometry

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PL4.2 DOOR FIXINGS

Define an appropriate formula for the position in Y-direction: Y0 [mm]





Save into the DigiPara BIM Library

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PL4.2 DOOR FIXINGS

Save the finished defined BIM Component

into the DigiPara BIM Library



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PL4.2

Fixing Groups





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PL4.2 FIXING GROUPS

- Add a new Fixing Group for your Landing Door
 - in DigiPara Liftdesigner
 Datamanager

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After editing lock the column.

> Copy Components

Grid Rows

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PL4.2 FIXING GROUPS

- Edit the Meta Data: Door Fixing Point RID
 - in DigiPara Liftdesigner
 Datamanager

Create an assignment to the new Door Fixing Points you will define for the different fixing positions.	atamanager 2016	Edit locked columns.	- C ×
Fixing Flements Fixing Groups (grouped)		Table view	4 x
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PL4.2 FIXING GROUPS

- Edit the Meta Data: Fixing Group Description
 - in DigiPara Liftdesigner Datamanager

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PL4.2 FIXING GROUPS

- Add new Fixing Point Rows: 2 for top and 3 for bottom
 - in DigiPara Liftdesigner Datamanager





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PL4.2 FIXING GROUPS

- Determine your top and bottom
 Points for your Fixing Elements
 - in DigiPara Liftdesigner Datamanager







May 23, 2024

Page - 106 -

	7500000	75000	IOO	7500000	My Example Central Opening			
	DFP_RID △	DFP_GRP	DFP_IX	DFP_MODE	DFP_TYPE	DFP_DX_RULE	DFP_DY_RULE	DFP_DZ_RULE
-	7500000	7500000	0	0	0: Top fixing point	0.5*[3]		
-	7500001	7500000	1	0	0: Top fixing point	-0.5*[3]		
-	7500002	7500000	2	0	1: Bottom fixing point	0		
-	7500003	7500000	3	0	1: Bottom fixing point	0.5*[3] - 40		
-	7500004	7500000	4	0	1: Bottom fixing point	-0.5*[3]+40		

Create Position Rules for your top and bottom Door Fixings Points

- Define a Rule for the Point Position of the Fixing Elements in X-Direction
 - in DigiPara Liftdesigner Datamanager

Create Position Rules

PL4.2 FIXING GROUPS





Create Position Rules

PL4.2 FIXING GROUPS

Create Position Rules for your top and bottom Door Fixings Points

- Define a Rule for the Point Position of the Fixing Elements in Y-Direction
 - in DigiPara Liftdesigner Datamanager

Fixing	Elements x Fixin	ng Groups (groupe	ed) 🗶				
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₽-	7500000	750000	750000	My Example Central Opening			
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	7500000	7500000	0 0	0: Top fixing point	0.5*[3]	0	
	7500001	7500000	1 0	0: Top fixing point	-0.5*[3]	0	
	7500002	7500000	2 0	1: Bottom fixing point	0	0	
L F	7500003	7500000	3 0	1: Bottom fixing point	0.5*[3] - 40	0	
	▶ 7500004	7500000	4 0	1: Bottom fixing point	-0.5*[3]+40	0	
1.				×	4	Î	The door fixing elements are automatically located at the shaft wall.
Add	L_DoorFixingPoor	ointGrpTab	L_DoorFixingPointTal	3			

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Create Position Rules

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PL4.2 FIXING GROUPS

Create Position Rules for your top and bottom Door Fixings Points

- Define a Rule for the Point Position of the Fixing Elements in Z-Direction
 - in DigiPara Liftdesigner Datamanager


Create Position Rules

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PL4.2 FIXING GROUPS

Create Position Rules for your top and bottom Door Fixings Points

- Set a Mode to accept your defined Rules: Apply Rules
 - in DigiPara Liftdesigner
 Datamanager



Create Position Rules

PL4.2 FIXING GROUPS

Determine the	Do	or Wi	dth Ran	ge						DFP_D\	w_min	Minimum door width/height for this fixing point (left/right or
In DigiPara L	littde	esigne	r Datama	anage	er							top/bottom fixing point)
	Fixing E	Elements	Fixing Groups (grou	iped) 🗙						DFP_DI	W_MAX	width/height for this fixing point (left/right or
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		75000	003 7500000	3	32	1: Bottom fixing point		700	2400			
		> 75000	750000	4	32	1: Bottom fixing point		700	2400			
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PL4.2 FIXING GROUPS

Use the Manufacturer Common Components: Left and Right fixing point

in DigiPara Liftdesigner
 Datamanager

_ _ _ DigiPara Liftdesigner Datamanager 2016 Options Home TrainPool [C:\ PL-Training\TrainPool\Data\LD50.mdf] **1**+1 0 1 1:Common components Fill Fill Down View Window Help Copy Sort modules by description 3 Grid --Components Down +1 Grid Cells Edit Database Settings Grid Rows Table view **4 Χ** Fixing Groups (grouped) Fixing Elements ∃ General Data Liftdesigner Datamanager: Drag a column header here to group by that column Elevator Data DFPGR DFP GRP DFPGR MF RI DFPGR_DESC DFPGR RID . ⊕ Car 1 For Central Opening E Cabin Design Wall Components DFP NID A DEP GRE DFP IX DEP MOD DFP_TYPE DFP_DX DFP DY E Cabin Design Floor and Ceiling 0 0 0: Top fixing point 600 0 0 Mark the 2 . ⊟- Entrances -600 1 0 0: Top fixing point 0 0 - Landing Doors 2 0 275 0 0 1: Bottom fixing point columns by 2 0 1. Bottom fixing point 275 Door Assignments pressing the 1 4 0 2: Left fixing point 0 0 1100 Jambs 6 1 50 3: Right fixing point 0 0 1100 Jamb Wallopenings Ctrl. key on 6 U U: I OP TIXING POIN 600 Sill Supports 7 0 -600 0 your keyboard. 0: Top fixing point 0 Fixing Elements 9 1 8 0 1: Bottom fixing point 275 0 0 10 -275 9 0 0 1 1: Bottom fixing point 0 Fixing Groups (grouped) 1100 10 0 2: Left fixing point 0 0 12 11 0 3: Right fixing point 0 0 1100 Hydraulic Ur 12 0 0: Top fixing point 600 0 0 E Traction Units 0 T C 000 10 0 Fixing Units Machine Room Components L_DoorFixingPointGrpTab Add. L_DoorFixingPointTab Load recent documents Tabled... 🗄 Table vi... 😢 Quick... 💻 Memo C:_PL-Training\TrainPool\Data\LD50.mdf 1 NUM OVR

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PL4.2 FIXING GROUPS

Paste the Data Rows in your own new Fixing Group

• in DigiPara Liftdesigner Datamanager



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Define the Position of your left and right Fixing Point in Z-Direction

• in DigiPara Liftdesigner Datamanager

ſ	Fixing	Elements	Fixing Groups	(grouped)	x									7
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L		7500000	7500000	0	32	0: Top fixing point	0	0	0	0.5*[3]	0			
L	-	7500001	7500000	1	32	0: Top fixing point	0	0	0	-0.5*[3]	0			
L	-	7500002	7500000	2	32	1: Bottom fixing point	0	0	0	0	0			
L	-	7500003	7500000	3	32	1: Bottom fixing point	0	0	0	0.5*[3] - 40	0			
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PL4.2 FIXING GROUPS

Determine the Door Width Range

in DigiPara Liftdesigner
 Datamanager

Fixir	ng Elements	Fixing Groups	(grouped)	×					
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	- 7500000	7500000	0	32	0: Top fixing point		700	2400	
	- 7500001	7500000	1	32	0: Top fixing point		700	2400	
	- 7500002	7500000	2	32	1: Bottom fixing point		700	2400	
	- 7500003	7500000	3	32	1: Bottom fixing point		700	2400	
	- 7500004	7500000	4	32	1: Bottom fixing point		700	2400	-
	- 7500005	7500000	5	0	2: Left fixing point		700	2400	
	- 750006	7500000	6	0	3: Right fixing point		700	2400	
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PL4.2 FIXING GROUPS

Determine related BIM components for your Landing Door

- Choose your created Fixing Element for the top of your Landing Door.
 - in DigiPara Liftdesigner
 Datamanager



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PL4.2 FIXING GROUPS

Determine related BIM components for your Landing Door

- Choose your created Fixing Element for the bottom of your Landing Door.
 - in DigiPara Liftdesigner
 Datamanager



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PL4.2 FIXING GROUPS

Define the Position in Z-Direction for the complete bottom Fixing Elements

in DigiPara Liftdesigner
 Datamanager



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PL4.2 FIXING GROUPS

Determine related BIM components for your Landing Door

- Assignment of your created Fixing Group
 - in DigiPara Liftdesigner
 Datamanager

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PL4.2 FIXING GROUPS

Load your edited Landing Door with your new Door Fixings

• in DigiPara Liftdesigner



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PL4.2

Door Jambs





PL4.2 Jambs

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Copy a similar BIM Component

Copy a similar BIM Component PL4.2 JAMBS

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Copy a similar BIM Component

- in DigiPara Liftdesigner Datamanager
- The new component is copied with all parameters and values into your manufacturer module.
 Use the data row

with the JT RID: 1

– No jamb





Edit the Meta Data PL4.2 JAMBS

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Edit the Meta Data – Description

• in DigiPara Liftdesigner Datamanager

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Edit the Meta Data

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PL4.2 JAMBS

Determine related BIM components for your Landing Door

in DigiPara Liftdesigner
 Datamanager



Determine related BIM components for your Landing Door

- Fill down for all Door Widths
 - in DigiPara Liftdesigner
 Datamanager

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Load your edited Landing Door with your new Jamb

- Now your landing door is displayed without the typical standard Jamb.
 - in DigiPara Liftdesigner



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For the creation of own user defined door jambs you need to develop the landing door component.

• in DigiPara Liftdesigner



Modify the simplified 3D Geometry

Modify the simplified 3D Geometry PL4.2 JAMBS

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Adding and changing Profiles - Top Transom Panel

• in DigiPara Liftdesigner



Modify the simplified 3D Geometry

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Change the Type into Flat Steel

• in DigiPara Liftdesigner



Modify the simplified 3D Geometry PL4.2 JAMBS

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The DD_DW 3D parameter under [0520] in the properties window defines the door width.

You can also fill in the expression:
 [1]



Modify the simplified 3D Geometry PL4.2 JAMBS

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Use the DT_S_Y0 3D parameter under [0520] in the properties window to define the panel depth.

You can also fill in the expression:
 [31]



Modify the simplified 3D Geometry PL4.2 JAMBS

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For the definition of your transom panel height use the same meta data value you filled in the landing door data table in Datamanager for the DT_K 3D parameter.



Modify the simplified 3D Geometry

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Define an appropriate formula for the position in Z-direction: Z0 [mm]

 Now the distance between the base point of the profile and the landing door is 105 mm in Z-direction, which is always the half of the size DZ [mm].



Modify the simplified 3D Geometry PL4.2 JAMBS

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Define an appropriate formula for the position in Z-direction: Z0 [mm]

 Additionally add the 3D parameter for the current landing door height.



Modify the simplified 3D Geometry

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Define an appropriate rule for the position in Y-direction: Y0 [mm]

 Now the distance between the base point of the profile and the landing door is 30 mm in Ydirection, which is always the half of the size DY [mm].


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Adding and changing Profiles – Jamb left

• in DigiPara Liftdesigner



For the definition of your jamb width use the same meta data value you filled in the landing door data table in Datamanager for the DD_Z_X2 3D parameter.



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Use the DT_S_Y0 3D parameter under [0520] in the properties window to define the jamb depth.

You can also fill in the expression:
 [31]



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Create a corresponding formula for the definition of the jamb height. This formula consists of two 3D parameters and one fix value.



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Use the DD_DW 3D parameter under [0520] in the properties window to create a corresponding formula for the position definition in X-direction: X0 [mm]



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Define an appropriate formula for the position in Y-direction:

• Y0 [mm] and Z-direction: Z0 [mm]



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Adding and changing Profiles – Additional Sill Profile

• in DigiPara Liftdesigner



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Adding and changing Profiles – Additional Sill Profile

• in DigiPara Liftdesigner



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Copy the finished defined Profile – Jamb right

 Select the finished defined profile and press Ctrl-C and Ctrl-V to copy and paste.

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Change the signs of the position formula X0 [mm] (+ / -).





Save into the DigiPara BIM Library

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Save the finished defined BIM Component

into the DigiPara BIM Library



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PL4.2

Jambs Wallopenings



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PL4.2 Jamb Wallopenings

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Copy a similar BIM Component

Copy a similar BIM Component

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PL4.2 JAMB WALLOPENINGS

Copy a similar BIM Component

- in DigiPara Liftdesigner
 Datamanager
- The new component is copied with all parameters and values into your manufacturer module.





Edit the Meta Data

PL4.2 JAMB WALLOPENINGS

Edit the Meta Data



Edit the Meta Data

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PL4.2 JAMB WALLOPENINGS

Determine related BIM components for your Jamb

in DigiPara Liftdesigner
 Datamanager

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Edit the Meta Data

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PL4.2 JAMB WALLOPENINGS

Determine related BIM components for your Jamb

in DigiPara Liftdesigner
 Datamanager



Load your edited BIM Component

Load your edited BIM Component

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PL4.2 JAMB WALLOPENINGS

Load your edited Landing Door with your new Jamb Wallopenings

• in DigiPara Liftdesigner



Load your edited BIM Component

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PL4.2 JAMB WALLOPENINGS

Check the Result in DigiPara Liftdesigner





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Change the value for the Distance

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Let's have a break!

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PL4.3

Glass Panels & Door Drives



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More Product Loading Options for Doors

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PL4.3 GLASS PANELS & CAR DOOR DRIVES

Take a look at our online documentation and find additional training extensions.

How can I define Glass Panels for my existing Doors?



Step by Step Tutorial: Car Door Drives



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A4.4

Summary & custom Q&A's





Congratulations You reached the next level



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Your instructor will be available for individual questions after the module training.

training@digipara.com



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