



**Groundbreaking
Simulation Solutions**

physics on screen

KOMVOS as an SPDRM Client

July 2022



From v22.1.0

for



From v1.7.0

Key features

Data Browsing

New tools for data navigation

Results viewing

Embedded META Viewer and new customizable Logbook

Process & Scripts

Execute SPDRM processes and scripts

JT Viewer

Embedded JT Viewer for model data

Python Engine

Script engine upgrade to Python 3.8.1

Optimization & ML

DOE Studies and ML infrastructure

UI Walkthrough

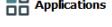
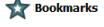
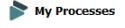




Main workspaces



Quick Search





Database Processes Issues Actions



Quick Search

irene (Administrators) Settings Email Notifications Login



My Actions



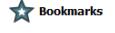
My Jobs



My Processes



History



Bookmarks



Videos



Applications

My recent Processes



Quick Search



My Actions

My Jobs

My Processes

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Applications

My Jobs



Status	Job	Correlation Id	Node Id	Node Name	User	START_TIME	CPU	User	Name
✓	1605176504	1605176504	5654	Run LS-Dyna	irene	2020-11-12 10:21:44	72	irene	front_offset_venza_a00_hd_003_01_01.key
✓	1605126234	1605126234	5094	Run LS-Dyna	irene	2020-11-11 20:23:54	72	irene	front_offset_venza_a00_hd_003_01_01.key



DM: http://172.24.48.99:33080/

| total 2 | selected 0

Submitted HPC jobs



Quick Search



My Actions

My Jobs

My Processes

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Applications

My Processes

Name	State	Application	Path	Creation Date	Progress
> Untitled Workflow			Untitled Workflow	14-Mar-2022 16:30:24	<input type="radio"/> 0 %
tutorial_Build Subsystem			tutorial_Build Subsystem	02-Mar-2022 15:53:50	<input checked="" type="radio"/> 96 %
fix mesh	○	ANSA	tutorial_Build Subsystem > fix mesh	02-Mar-2022 15:53:50	<input type="radio"/> 0 %
CAD files translation	●	ANSA	tutorial_Build Subsystem > CAD files translation	02-Mar-2022 15:53:50	<input checked="" type="radio"/> 100 %
batch mesh	○	ANSA	tutorial_Build Subsystem > batch mesh	02-Mar-2022 15:53:50	<input type="radio"/> 0 %
fix Geometry	○	ANSA	tutorial_Build Subsystem > fix Geometry	02-Mar-2022 15:53:50	<input type="radio"/> 0 %
Set subsystem info	●		tutorial_Build Subsystem > Set subsystem info	02-Mar-2022 15:53:50	<input checked="" type="radio"/> 100 %
Review the Data	●	ANSA	tutorial_Build Subsystem > Review the Data	02-Mar-2022 15:53:50	<input checked="" type="radio"/> 100 %
Assemble subsystem	○	ANSA	tutorial_Build Subsystem > Assemble subsystem	02-Mar-2022 15:53:50	<input type="radio"/> 0 %
Geometry treatment	●	ANSA	tutorial_Build Subsystem > Geometry treatment	02-Mar-2022 15:53:50	<input type="radio"/> 0 %
> tutorial_Build Subsystem			tutorial_Build Subsystem	15-Feb-2022 10:55:05	<input checked="" type="radio"/> 17 %
> tutorial_Submit Run			tutorial_Submit Run	01-Feb-2022 12:56:27	<input type="radio"/> 0 %
> tutorial_Submit Run			tutorial_Submit Run	18-Jan-2022 16:03:15	<input checked="" type="radio"/> 86 %
> tutorial_Create Run			tutorial_Create Run	18-Jan-2022 15:50:33	<input type="radio"/> 0 %
> tutorial_Build Subsystem	●		tutorial_Build Subsystem	17-Jan-2022 14:20:43	<input checked="" type="radio"/> 100 %
> Submit Run			Submit Run	13-Jan-2022 16:50:04	<input checked="" type="radio"/> 100 %
> Create Run	●		Create Run	13-Jan-2022 16:12:03	<input checked="" type="radio"/> 100 %
> Build Subsystem	●		Build Subsystem	13-Jan-2022 12:52:52	<input checked="" type="radio"/> 100 %
> Create Run			Create Run	11-Jan-2022 12:55:15	<input type="radio"/> 0 %
> Submit Run			Submit Run	30-Dec-2021 09:33:47	<input checked="" type="radio"/> 100 %
> Create Run	●		Create Run	30-Dec-2021 09:17:47	<input checked="" type="radio"/> 100 %

My assigned tasks



Database Processes Issues Actions



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Today

filtered Subsystem	172.24.48.99:33080	Default view	20/12/2021 16:51:00
filtered Simulation Models	172.24.48.99:33080	Hierarchy view	20/12/2021 16:51:00
documents	172.24.48.99:33080	Default view	20/12/2021 16:51:00
Simulation Models	172.24.48.99:33080	Flat view	20/12/2021 16:51:00
Subsystem	172.24.48.99:33080	Flat view	20/12/2021 16:50:59

> Last 7 days

> This month

Earlier

Simulation Models DM_walkthrough Simulation view 14/11/2019 18:51:13

My recently viewed data



Quick Search

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Applications

ANSA



ANSA



ANSA v19.1.5



ANSA v20.1.4



ANSA v22.1.0



ANSA_z

META



META



META v20.1.4

Other



Abaqus



Eclipse



Epylisys



Excel



LsDyna



Nastran



Applications Launchpad



Quick Search

irene (Administrators)
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Home Database Processes Issues Actions

- New tab +
- Parts
- Subsystem
- Simulation Models
- Simulation Runs
- TMP

Search in DM



Database navigation

[Details](#) [References](#) [Issues](#) [Updates](#) [Overwrites](#) [Job Status](#)

Name Value

N/A info



Quick Search



Contents

- Parts
- Subsystem
- Simulation Models
- Simulation Runs
- TMP

Library Items

- Library File
- Loadcase File
- Simulation Configuration Table
- Loadcase Header
- Loadcase_Template
- META Session
- Modular Environment Profiles

Library Files

- configuration
- connection_templates
- customization
- documents
- material_databases
- model_data_plist
- numbering_rules
- spdrm_scripts
- training

My Filters

New tab +

Simulation Models

Search in DM

Database navigation

[Details](#) [References](#) [Issues](#) [Overwrites](#) [Updates](#)

Name Value

N/A info



Quick Search



New tab Subsystem +

Where Used Lifecycle Iteration

Search in DM

Contents	DM Modification Date	Owner	Id
> □ 1 (Module Id)			
> □ 7 (Module Id)			
> □ 10 (Module Id)			
▼ □ 101_biw (Module Id)			
> □ training (Project)			
▼ □ venza (Project)			
▼ □ a00 (Release)			
▼ □ lhd (Variant)			
▼ □ crash_fe (Representation)			
> □ 101_biw_venza_a00_lhd_crash_fe_001	03-Dec-2021 10:02:39	irene	19458
▼ □ 101_biw_venza_a00_lhd_crash_fe_001 (LsDyna)	15-Oct-2020 15:44:10	s.tzamtzis	592
> □ 102_door (Module Id)			
▼ □ 102_door_fi (Module Id)			
> □ training (Project)			

1 - 60 of 60 | DM: http://172.24.48.99:33080/

Subsystems 60 | selected 1

< 1 > 100

Subsystems

Details References Issues Updates Overwrites Changeset

Name	Value
Name	101_biw_venza_a00_lhd_crash_fe_001
Status	WIP
Comment	
Owner	s.tzamtzis
DM Modification Date	15-OCT-2020 15:44:10
▼ DM Properties	
Module Id	101_biw
Project	venza
Release	a00
Variant	lhd
Iteration	001
Loadcase Variant	-
Representation	crash_fe
File Type	LsDyna
File	101_biw_venza_a00_lhd_crash_fe_001.k

Details

N/A info



Quick Search



New tab Subsystem +

Where Used Lifecycle Iteration

Search in DM

Contents	DM Modification Date	Owner	Id
> □ 1 (Module Id)			
> □ 7 (Module Id)			
> □ 10 (Module Id)			
▼ □ 101_biw (Module Id)			
> □ training (Project)			
▼ □ venza (Project)			
> □ a00 (Release)			
> □ lhd (Variant)			
> □ crash_fe (Representation)			
> □ 101_biw_venza_a00_lhd_crash_fe_001	03-Dec-2021 10:02:39	irene	19458
> □ 101_biw_venza_a00_lhd_crash_fe_001 (LsDyna)	15-Oct-2020 15:44:10	s.tzamtzis	592
> □ 102_door (Module Id)			
▼ □ 102_door_fi (Module Id)			
> □ training (Project)			

1 - 60 of 60 | DM: http://172.24.48.99:33080/

Subsystems 60 | selected 1

< 1 > 100

Details References Issues Updates Overwrites Changeset

Where Used Lifecycle Other Links

 Subsystems Simulation Models Loadcases Simulation Runs Library Items

Type	Name	Iteration	FileType
□	crash_assembly_venza_a00_lhd_crash_001_001	001	LsDyna
□	crash_assembly_venza_a00_lhd_crash_002_002	002	LsDyna

Nothing selected

Relations

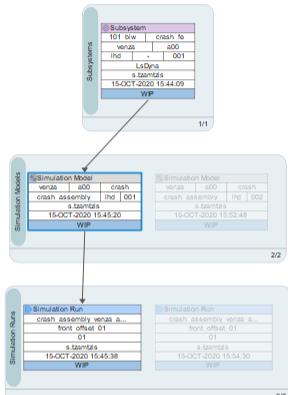
total 2 | selected 0

Disk Space: OK



New tab Subsystem Where Used +

Subsystem: 101_biw_venza_a00_lhd_crash_fe_001 | LsDyna | 001



Quick Search

Settings Email Notifications Login

Relations

- Subsystems
- Simulation Models
- Simulation Runs

Relations in Graph View

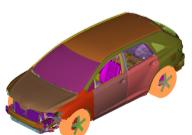
Details References Issues Updates Overwrites Changeset

Name	Value
Name	crash_assembly_venza_a00_lhd_crash_001
Status	WIP
Comment	
Owner	s.tzamtzis
DM Modification Date	29-OCT-2020 17:17:15

DM Properties

Project	venza
Release	a00
Discipline	crash
Model Id	crash_assembly
Model Variant	lhd
Iteration	001
File Type	LsDyna

File	crash_assembly_venza_a00_lhd_crash_001.key
------	--





Home Database Processes Issues Actions



Quick Search



Settings Email Notifications Login

New tab Subsystem +

Where Used Lifecycle Iteration

Search in DM

Contents	DM Modification Date	Owner	Id
> training (Project)			
> venza (Project)			
> a00 (Release)			
> - (Variant)			
> crash_fe (Representation)			
> > 102_door_fl_venza_a00_crash_fe_001 (LsDy... 15-Oct-2020 15:44:13 s.tzamtzis 595			
> > 102_door_fl_venza_a00_crash_fe_002 (LsDy... 15-Oct-2020 15:47:20 s.tzamtzis 670			
> 102_DOOR_FL (Module Id)			
> 102_DOOR_FR (Module Id)			
> 103_DOOR_FL (Module Id)			
> 103_door_rl (Module Id)			
> 104_door_fr (Module Id)			
> 105_door_rr (Module Id)			
> 108_hood (Module Id)			

1 - 60 of 60 | DM: http://172.24.48.99:33080/

Subsystems 60 | selected 1

< 1 > 100

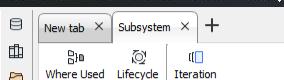
Another Subsystem



Details	References	Issues	Updates	Overwrites	Changeset
---------	------------	--------	---------	------------	-----------

Name	Value
Name	102_door_fl_venza_a00_crash_fe_002
Status	WIP
Comment	contains lower impact beam CAD updates
Owner	s.tzamtzis
DM Modification Date	15-OCT-2020 15:47:20

DM Properties	
Module Id	102_door_fl
Project	venza
Release	a00
Variant	-
Iteration	002
Loadcase Variant	-
Representation	crash_fe
File Type	LsDyna
File	102_door_fl_venza_a00_crash_fe_002.key



Search in DM

Contents	DM Modification Date	Owner	Id
> training (Project)			
> venza (Project)			
> a00 (Release)			
> - (Variant)			
> crash_fe (Representation)			
> 102_door_fl_venza_a00_crash_fe_001 (LsDy... 15-Oct-2020 15:44:13 s.tzamtzis 595			
> 102_door_fl_venza_a00_crash_fe_002 (LsDy... 15-Oct-2020 15:47:20 s.tzamtzis 670			
> 102_DOOR_FL (Module Id)			
> 102_DOOR_FR (Module Id)			
> 103_DOOR_FL (Module Id)			
> 103_door_rl (Module Id)			
> 104_door_fr (Module Id)			
> 105_door_rr (Module Id)			
> 108_hood (Module Id)			

1 - 60 of 60 | DM: http://172.24.48.99:33080/

Subsystems 60 | selected 1

< 1 > 100

Details, References, Issues, Updates, Overwrites, Changeset

Type	Name	Reference Type	Iteration	File Type
102_door_fl_venza_a00_crash_fe_001	previous version	001	LsDyna	

Name	Reference
Module Id	102_door_fl
Variant	-
Project	venza
Release	a00
Iteration	001
Loadcase Variant	-
File Type	LsDyna
Representation	crash_fe
File	102_door_fl_venza_a00_crash_fe_001.k
Subtype	Regular
Build Status	Needs Build
Build Comment	
Is Group	NO
Is Read Only	NO

Lifecycle Relations

total 1 | selected 1

Disk Space: OK



New tab Subsystem Lifecycle +



Subsystem: 102_door_fl_venza_a00_crash_fe_002 | LsDyna | 002

Quick Search



Subsystem	
102_door_fl	crash_fe
venza	a00
-	001
LsDyna	
s.tzamtzis	
15-OCT-2020 15:44:12	
WIP	

Subsystem	
102_door_fl	crash_fe
venza	a00
-	002
LsDyna	
s.tzamtzis	
15-OCT-2020 15:47:20	
WIP	

Compare



Relations in Graph View

Details References Issues Updates Overwrites Changeset

Where Used Lifecycle Other Links

 Subsystems Simulation Models Loadcases Simulation Runs Library Items

Type Name Iteration FileType

crash_assembly_venza_a00_lhd_crash_002 002 LsDyna

Name	Value
Discipline	crash
Model Id	crash_assembly
Model Variant	lhd
Project	venza
Release	a00
Iteration	002
File Type	LsDyna
Created automatically	
Build Status	Needs Build
Build Comment	
Definition ANSA File	Definition_ANSA_File.ansa
VModular Info File	
Name	crash_assembly_venza_a00_lhd_crash_002
Status	WIP

total 1 selected 1

Disk Space: OK

Database Compare Tool

File View Tools Result Model Navigation

Same Diffs Geometry Attributes Connections Explode Layout

Model 1 Model 2 Properties Materials General

Filters

Model 1
1:102_door_f1_venza_a00_crash_fe_001.k
 ✓ Same (0/0)
 ✓ Diffs (86/88)
 ✓ Model 1 (1/1)
 ✓ Model 2 (0/0)

Model 2

Results

- > 33116 Front door inner upper rein.
- > 33117 Front door latch mounting re
- > 33118 Front door frame
- > 33118 Front door window
- > 33118 Front door window
- > 33119 Front door latch a
- > 33120 Front door frame
- > 33121 Front door window
- > 33124 Front door hinge t
- > 33125 Front door hinge t
- > 33126 Front door hinge t
- > 33127 Front door hinge t
- > 33131_Front Door Outer
- > 33132_Front Door Outer
- > 33133_Front Door Outer
- > 33134_Front Door Outer
- > 33135 Front door xxx (Module Id: 1)
- > 33150 RIGID PATCH Front
- > 33151 RIGID PATCH Top
- > 33152 RIGID PATCH Top
- > 33153 RIGID PATCH Bott
- > 33154 RIGID PATCH Bott
- > 33155 RIGID PATCH Bott
- > 33156 RIGID PATCH Bott
- > 33198 Front door clenched
- > 33199 Front door clenched
- > JOINTs (Module Id:)
- > MASSs (Module Id:)
- > RIGIDs (Module Id: RIGIDs)

selected 0

ENT PID 40°

Reading script from :C:/Users/irene/AppData/Local/Temp/ansas_meta_dm_tmp_16040/support145_16040_116/invoke_in_ansa.py
 Generating code...
 Code generation completed.
 The ANSA_HELP environment variable does not point to a directory. No help available.



Quick Search



New tab Subsystem X filtered Subsystem +

Where Used Lifecycle Iteration

Search in DM

Contents	DM Modification Date	Owner	Id	Representation	Version
- (Release)				crash_fe	
- (Variant)					
crash_fe (Representation)					
102_door_f1_training_crash_fe_001	02-Nov-2020 17:40:20	s.tzamtzis	1738	crash_fe	
201000_001_DOOR_FR_LT (Module Id: 201000)			1740	common	001
600000_001_STRUCTURE (Module Id: 600000)			1741	common	001
302001_001HINGES_LT (Module Id: 302001)			1742	common	001
607060_001_LOWER_HINGE_OUT (Module Id: 607060)			1832	crash	001
607070_001_UPPER_HINGE_OUT (Module Id: 607070)			1834	crash	001
608060_001_LOWER_HINGE_IN (Module Id: 608060)			1830	crash	001
608070_001_UPPER_HINGE_IN (Module Id: 608070)			1828	crash	001
607001_004_CASE_LT (Module Id: 607001)			1852	crash	004
607010_007_SIDE_IMPACT_BAR (Module Id: 607010)			1858	crash	007
607020_007_LOCK_REINFORCEMENT (Module Id: 607020)			1842	crash	007
607030_001_UPPER_FRAME (Module Id: 607030)			1855	crash	001

DM: http://172.24.48.99:33080/

Subsystems 1 | selected 1

Details	References	Issues	Updates	Overwrites	Changeset
Name	Value				
Name	607001_004_CASE_LT				
Status	WIP				
Comment	Mesh quality issues: Off elements: 58				
Owner					
DM Modification Date					
DM Properties					
Module Id	607001				
Version	004				
Study Version					
Representation	crash				
File Type	ANSA				
File	0d092b2d-53bf-4449-afef-9717b5398112/1878_crash.ansa				
SPDRM Attributes					
Id	1852				
Type					

Part Details



Part Structure of Subsystem



Quick Search



New tab X Simulation Models +

New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
> training (Project)		
> venza (Project)		
v a00 (Release)		
crash (Discipline)		
crash_assembly , lhd (Model Id , Model Variant)		
001 (Iteration)		
crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	658
Attachments	crash_assembly_venza_a00_lhd_crash_001	
front_offset_01	front_offset_01	662
002 (Iteration)		
durability (Discipline)		
nvh (Discipline)		

Simulation Models

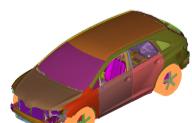
DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 1

[Details](#) [References](#) [Issues](#) [Updates](#) [Job Status](#) [Overwrites](#)

Name	Value
Name	crash_assembly_venza_a00_lhd_crash_001
Status	WIP
Comment	
Owner	s.tzamtzis
DM Modification Date	29-OCT-2020 17:17:16
Project	venza
Release	a00
Discipline	crash
Model Id	crash_assembly
Model Variant	lhd
Iteration	001
File Type	LsDyna

Details





Quick Search



New tab Simulation Models +

New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
> training (Project)		
> venza (Project)		
v a00 (Release)		
v crash (Discipline)		
v crash_assembly , lhd (Model Id , Model Variant)		
v 001 (Iteration)		
v crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	658
> Attachments	crash_assembly_venza_a00_lhd_crash_001	
v front_offset_01	front_offset_01	662
> 002 (Iteration)		
> durability (Discipline)		
> nvh (Discipline)		

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 1

Details References Issues Updates Job Status Overwrites

Where Used Lifecycle Other Links

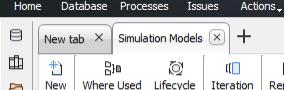
Type	Name	Iteration	File Type
blue link icon	front_offset_venza_a00_lhd_001_01_01_01		LsDyna

Nothing selected

Relations

total 1 | selected 0

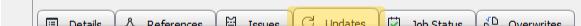
Disk Space: OK



Contents	Name	Id
> training (Project)		
venza (Project)		
a00 (Release)		
crash (Discipline)		
crash_assembly , lhd (Model Id , Model Variant)		
001 (Iteration)		
crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	658
Attachments		
front_offset_01	front_offset_01	662
002 (Iteration)		
durability (Discipline)		
nvh (Discipline)		

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 1

Show updates from All users Latest only

Contents	Name	Id
crash_assembly_venza_a00_lhd_crash_002	crash_assembly_venza_a00_lhd_crash_002	719

Updates

DM: http://172.24.48.99:33080/

| Simulation Models 1 | selected 0



New tab Simulation Models +
New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
> training (Project)		
venza (Project)		
a00 (Release)		
crash (Discipline)		
crash_assembly , lhd (Model Id , Model Variant)		
001 (Iteration)		
crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	658
Attachments		
front_offset_01	front_offset_01	662
002 (Iteration)		
durability (Discipline)		
nvh (Discipline)		

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 1

Details References Issues Updates Job Status Overwrites

Contents	Analysis Progress
front_offset_venza_a00_lhd_001_01_01	Finished

HPC Job Status of related Runs

DM: http://172.24.48.99:33080/

| Simulation Runs 1 | selected 0

Disk Space: OK



Quick Search



New tab X Simulation Models X +
New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id		
crash_assembly_venza_a00_lhd_crash_001	Attachments	crash_assembly_venza_a00_lhd_crash_001		
	front_offset_01	front_offset_01	662	
		auto_created_transf_BARRIER.k	664	
		Barrier_transformation.k	663	
	front_offset_01.key	666		
	front_offset_venza_a00_lhd_001_01_01	front_offset_venza_a00_lhd_001_01_01	667	
		Attachments	front_offset_venza_a00_lhd_001_01_01	
		Key_Results	Curve	
			Image	
			MetaProject	
Spreadsheet				
Video				
002 (Iteration)				
durability (Discipline)				
nvh (Discipline)				

DM: http://172.24.48.99:33080/

Simulation Models 5 selected 0

Details References Issues Updates Job Status Overwrites

Name	Value
Name	
Status	
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

Simulation Runs and processed results

N/A info



New tab X Simulation Models X +
 New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
auto_created_transf_BARRIER.k	auto_created_transf_BARRIER.k	664
Barrier_transformation.k	Barrier_transformation.k	663
front_offset_01.key	front_offset_01.key	666
front_offset_venza_a00_lhd_001_01_01	front_offset_venza_a00_lhd_001_01_01	667
Attachments	front_offset_venza_a00_lhd_001_01_01	
Key_Results	front_offset_venza_a00_lhd_001_01_01	
Curve		
Section800021_SILL_X1721_LH_Magnitu...	Section800021_SILL_X1721_LH_Magnitu...	767
Section800023_SILL_X1065_LH_Magnitu...	Section800023_SILL_X1065_LH_Magnitu...	769
Section800024_InnerRail_LONG_X625_L...	Section800024_InnerRail_LONG_X625_L...	771
Section800025_FrontRail_LONGI_X746...	Section800025_FrontRail_LONGI_X746...	773
Section800026_FrontRail_LONGI_X566_L...	Section800026_FrontRail_LONGI_X566_L...	775
Section800029_LONGI_X300_Magnitud...	Section800029_LONGI_X300_Magnitud...	777
Section800030_LONGI_X130_Magnitud...	Section800030_LONGI_X130_Magnitud...	779
Section800031_LONGI_X150_Magnitud...	Section800031_LONGI_X150_Magnitud...	781
Section800033_SILL_X650_Magnitudeo...	Section800033_SILL_X650_Magnitudeoff...	783
Section800057_InnerRail_LONG_X625_...	Section800057_InnerRail_LONG_X625_RH...	785

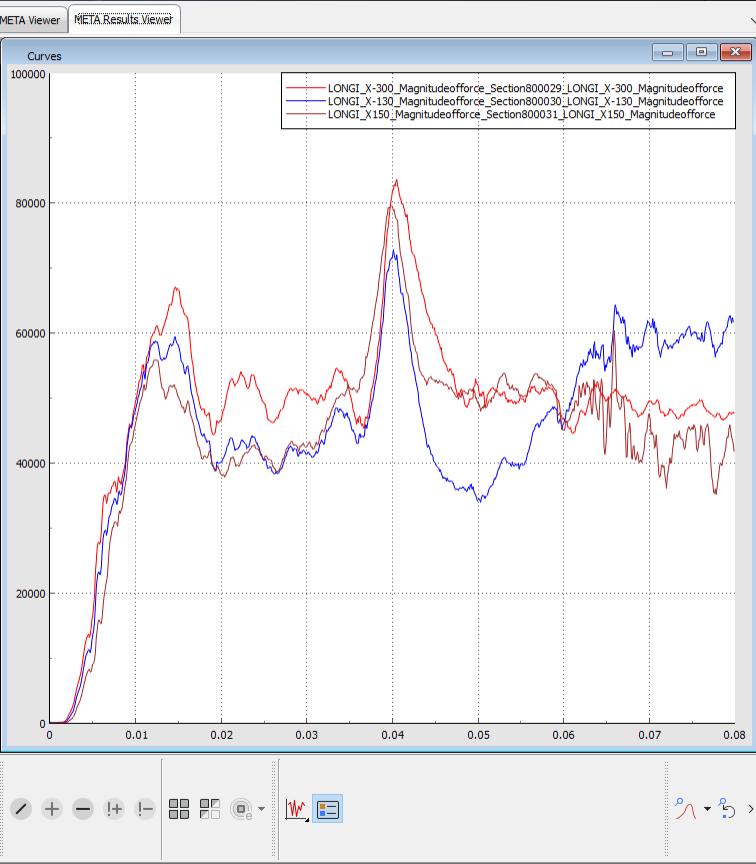
DM: http://172.24.48.99:33080/

Details References Issues Updates Job Status Overwrites

Name	Value
Name	Section800031_LONGI_X150_Magnitudeof...
Status	WIP
Comment	s.tzamtzis
Owner	
DM Modification Date	15-OCT-2020 16:18:55
DM Properties	
Type	Report
Report_Parameters	-
Name	Section800031_LONGI_X150_Magnitudeof...
Simulation_Run	front_offset_venza_a00_lhd_001_01_01
Loadcase	front_offset_01
Simulation_Model	crash assembly venza a00 lhd crash 001

Results Viewer

N/A info





New tab X Simulation Models X +
 New Where Used Lifecycle Iteration Reports Logbook
 Search in DM

Contents

- crash_assembly_venza_a00_lhd_crash_001
 - Attachments
 - front_offset_01
 - auto_created_transf_BARRIER.k
 - Barrier_transformation.k
 - front_offset_01.key
 - front_offset_venza_a00_lhd_001_01_01
 - Attachments
 - Key_Results
 - Curve
 - Image
 - MetaProject
 - meta_project
- 002 (Iteration)
- durability (Discipline)

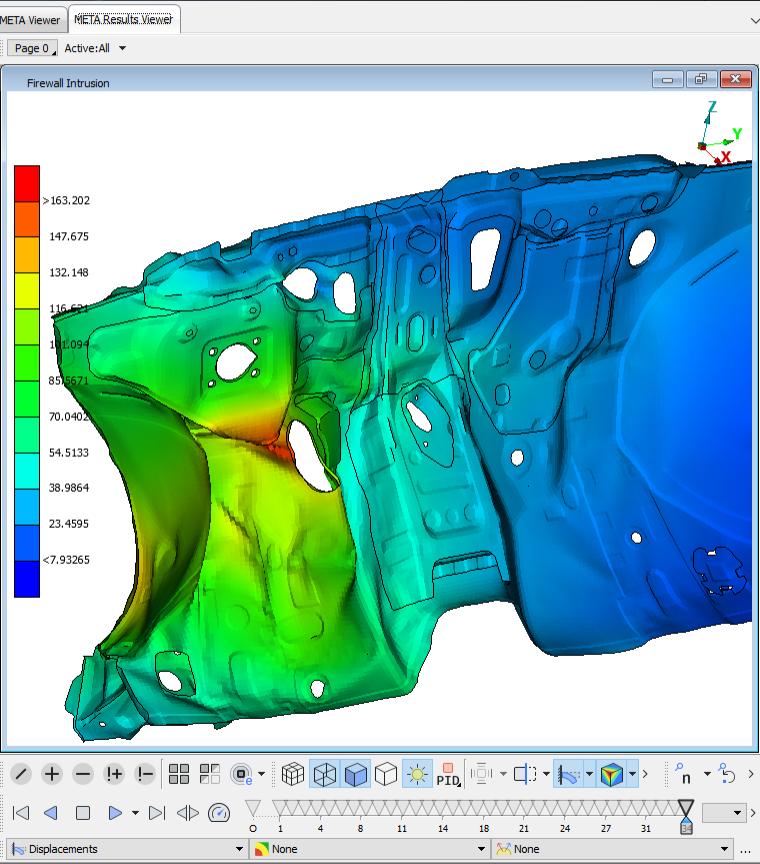
DM: http://172.24.48.99:33080/

Details References Issues Updates Job Status Overwrites

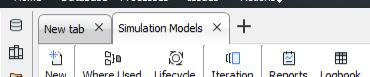
Name	Value
Name	meta_project
Status	WIP
Comment	
Owner	s.tzamtzis
DM Modification Date	15-OCT-2020 16:19:14
DM Properties	
Type	Report
Report_Parameters	-
Name	meta_project
Simulation_Run	front_offset_venza_a00_lhd_001_01_01
Loadcase	front_offset_01
Simulation_Model	crash_assembly_venza_a00_lhd_crash_001

Results Viewer

N/A info



Finding the data of interest



Contents

	Name	Id
>	training (Project)	
>	venza (Project)	
>	a00 (Release)	
>	crash (Discipline)	
>	durability (Discipline)	
>	body , lhd (Model Id , Model Variant)	
>	001 (Iteration)	
>	body_venza_a00_lhd_durability_001	24250
>	Attachments	
>	bending_torsion_01	24259
>	bending_torsion_venza_a00_lhd_001_01_01	24260
>	eigenmodes_10_01	24356
>	eigenmodes_10_01.nas	24359
>	eigenmodes_10_venza_a00_lhd_001_01_01	24360
>	unit_static_loads_s101_02	24372
>	unit_static_loads_s101_venza_a00_lhd_0...	24373
>	nvh (Discipline)	

Default

Alternative Views

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 0



Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



New tab X Simulation Models X +
New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
> training (Project)		
venza (Project)		
a00 (Release)		
crash (Discipline)		
durability (Discipline)		
body , lhd (Model Id , Model Variant)		
001 (Iteration)		
body_vernya_a00_lhd_durability_001	body_vernya_a00_lhd_durability_001	24250
> bending_torsion_vernya_a00_lhd_001_01_01	bending_torsion_vernya_a00_lhd_001_01_01	24260
> eigenmodes_10_vernya_a00_lhd_001_01_01	eigenmodes_10_vernya_a00_lhd_001_01_01	24360
> unit_static_loads_s101_vernya_a00_lhd_001_02_01	unit_static_loads_s101_vernya_a00_lhd_001_02_01	24373
nvh (Discipline)		

Simplified

Alternative Views

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 0

Details References Issues Updates Overwrites Job Status

Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



New tab X Simulation Models X +
New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
> training (Project)		
venza (Project)		
a00 (Release)		
crash (Discipline)		
durability (Discipline)		
body , lhd (Model Id , Model Variant)		
001 (Iteration)		
body_venza_a00_lhd_durability_001	body_venza_a00_lhd_durability_001	24250
Attachments	body_venza_a00_lhd_durability_001	
Hierarchy	body_venza_a00_lhd_durability_001	
128_fr_suspension_venza_a00_lhd_dura_fe_001	128_fr_suspension_venza_a00_lhd_dura_fe_001	24223
> nvh (Discipline)		

Hierarchy

Alternative Views

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 0

Details References Issues Updates Overwrites Job Status

Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



Home Database Processes Issues Actions



Quick Search



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New tab Simulation Models +

New Where Used Lifecycle Iteration Reports Logbook

Search in DM

	DM Modification Date	Id
body_venza_a00_lhd_durability_001	14-Dec-2021 13:02:46	24250
Attachments		
bending_torsion_01	14-Dec-2021 12:16:29	24259
bending_torsion_venza_a00_lhd_001_01_01	14-Dec-2021 12:21:26	24260
eigenmodes_10_01	14-Dec-2021 13:05:42	24356
eigenmodes_10_01.nas	14-Dec-2021 13:02:37	24359
eigenmodes_10_venza_a00_lhd_001_01_01	14-Dec-2021 13:02:38	24360
unit_static_loads_s101_02	14-Dec-2021 13:02:45	24372
unit_static_loads_s101_venza_a00_lhd_001_02_01	14-Dec-2021 13:02:46	24373
crash_assembly_venza_a00_lhd_crash_001	29-Oct-2020 17:17:16	658
crash_assembly_venza_a00_lhd_crash_002	15-Oct-2020 15:54:12	719
door_training_crash_001	25-Nov-2020 13:04:35	1929
subframe_venza_a00_lhd_nvhp_001	14-Dec-2021 11:04:21	19918



Alternative Views

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 0

Details References Issues Updates Overwrites Job Status

Name Value

Name

Status

WIP

Comment

Owner

DM Modification Date

DM Properties

Project

Release

Discipline

Model Id

Model Variant

Iteration

File Type

N/A info



Home Database Processes Issues Actions



Quick Search



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New tab Simulation Models +

New Where Used Lifecycle Iteration Reports Logbook

Project Discipline

Contents	DM Modification Date	Id
> training (Project)		
> venza (Project)		
> a00 (Release)		
> crash (Discipline)		
> durability (Discipline)		
> nvh (Discipline)		

Focus on data of interest

DM: http://172.24.48.99:33080/

| Simulation Models 5 | selected 0

Details References Issues Updates Overwrites Job Status

Name Value

Name

Status WIP

Comment

Owner

DM Modification Date

DM Properties

Project

Release

Discipline

Model Id

Model Variant

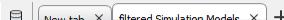
Iteration

File Type

N/A info



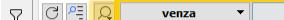
Home Database Processes Issues Actions



New tab filtered Simulation Models



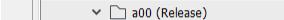
New Where Used Lifecycle Iteration Reports Logbook



venza crash



Contents venza (Project)



a00 (Release)



crash (Discipline)



crash_assembly , lhd (Model Id , Model Variant)



001 (Iteration)



002 (Iteration)

Assisted filtering

DM: http://172.24.48.99:33080/

| Simulation Models 2 | selected 0

[Details](#) [References](#) [Issues](#) [Updates](#) [Overwrites](#) [Job Status](#)

Name Value

Name

Status WIP

Comment

Owner

DM Modification Date

DM Properties

Project

Release

Discipline

Model Id

Model Variant

Iteration

File Type

N/A info



Home Database Processes Issues Actions



Quick Search



Settings Email Notifications Login

New tab X filtered Simulation Models X +

New Where Used Lifecycle Iteration Reports Logbook

Project = venza and Discipline = crash

Contents	DM Modification Date	Id
venza (Project)		
a00 (Release)		
crash (Discipline)		
crash_assembly , lhd (Model Id , Model Variant)		
001 (Iteration)		
002 (Iteration)		

Advanced filtering

DM: http://172.24.48.99:33080/

| Simulation Models 2 | selected 0

Details References Issues Updates Overwrites Job Status

Name Value

Name

Status WIP

Comment

Owner

DM Modification Date

DM Properties

Project

Release

Discipline

Model Id

Model Variant

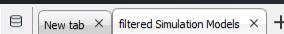
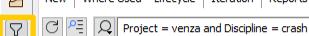
Iteration

File Type

N/A info



Home Database Processes Issues Actions

New tab X filtered Simulation Models X +
New Where Used Lifecycle Iteration Reports Logbook

Project = venza and Discipline = crash

Project Venza / Crash

	DM Modification Date	Id
venza (Project)		
a00 (Release)		
crash (Discipline)		
crash_assembly , lhd (Model Id , Model Variant)		
001 (Iteration)		
002 (Iteration)		

User filters

DM: http://172.24.48.99:33080/

| Simulation Models 2 | selected 0

[Details](#) [References](#) [Issues](#) [Updates](#) [Overwrites](#) [Job Status](#)

Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



Quick Search



New tab X Simulation Models X +

+ Bb Where Used Lifecycle Iteration Reports Logbook

Search in DM

- training (Project)
- > venza (Project)

DM Tree Focus

Project Release Model Id Model Variant

Contents

- > training
- < venza
 - > a00
 - > body
 - > crash_assembly
 - < subframe
 - lhd

OK Cancel

DM: http://172.24.48.99:33080/ selected 0 marked 2

Details References Issues Updates

Name Value

Name Status WIP

Comment

Owner

DM Modification Date

DM Properties

- Project
- Release
- Discipline
- Model Id
- Model Variant
- Iteration
- File Type

>>

(i)

N/A info



Home Database Processes Issues Actions



Quick Search

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New tab X Simulation Models X +
+ Bja Where Used Lifecycle Iteration Reports Logbook

DM Tree Paths: venza>a00>subframe

	Name	Id
Contents		
venza (Project)		
a00 (Release)		
nvh (Discipline)		
subframe , lhd (Model Id , Model Variant)		
001 (Iteration)		
	subframe_venza_a00_lhd_nvh_001	19918



DM: http://172.24.48.99:33080/

| Simulation Models 1 | selected 0

Details References Issues Updates Overwrites Job Status

Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info

Simulation Run Comparison



Quick Search



New tab X Simulation Models X +
New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents	Name	Id
crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	658
Attachments	crash_assembly_venza_a00_lhd_crash_001	
front_offset_01	front_offset_01	662
auto_created_transf_BARRIER.k	auto_created_transf_BARRIER.k	664
Barrier_transformation.k	Barrier_transformation.k	663
front_offset_01.key	front_offset_01.key	666
front_offset_venza_a00_lhd_001_01_01	front_offset_venza_a00_lhd_001_01_01	667
002 (Iteration)		
crash_assembly_venza_a00_lhd_crash_002	crash_assembly_venza_a00_lhd_crash_002	719
Attachments	crash_assembly_venza_a00_lhd_crash_002	
front_offset_01	front_offset_01	726
auto_created_transf_BARRIER.k	auto_created_transf_BARRIER.k	728
Barrier_transformation.k	Barrier_transformation.k	727
front_offset_01.key	front_offset_01.key	731
front_offset_venza_a00_lhd_002_01_01	front_offset_venza_a00_lhd_002_01_01	732
> durability (Discipline)		
> nvh (Discipline)		

DM: http://172.24.48.99:33080/

Simulation Models 5 selected 2

Details References Issues Updates Overwrites Job Status

Name	Value
Name	
Status	WIP
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



New tab X Simulation Models X Reports Table 1: Simulation Runs X +

 Lifecycle Iteration Reports Logbook
 Search in DM

Contents	ANSA Creation Date	ANSA Modification Date	User	Id	Software Version
<input checked="" type="checkbox"/> front_offset_venza_a00_lhd_001_01_01	15-Oct-2020 15:43:29	15-Oct-2020 15:45:18	s.t...	667	21.0.1
<input checked="" type="checkbox"/> front_offset_venza_a00_lhd_002_01_01	15-Oct-2020 15:43:29	15-Oct-2020 15:54:00	s.t...	732	21.0.1

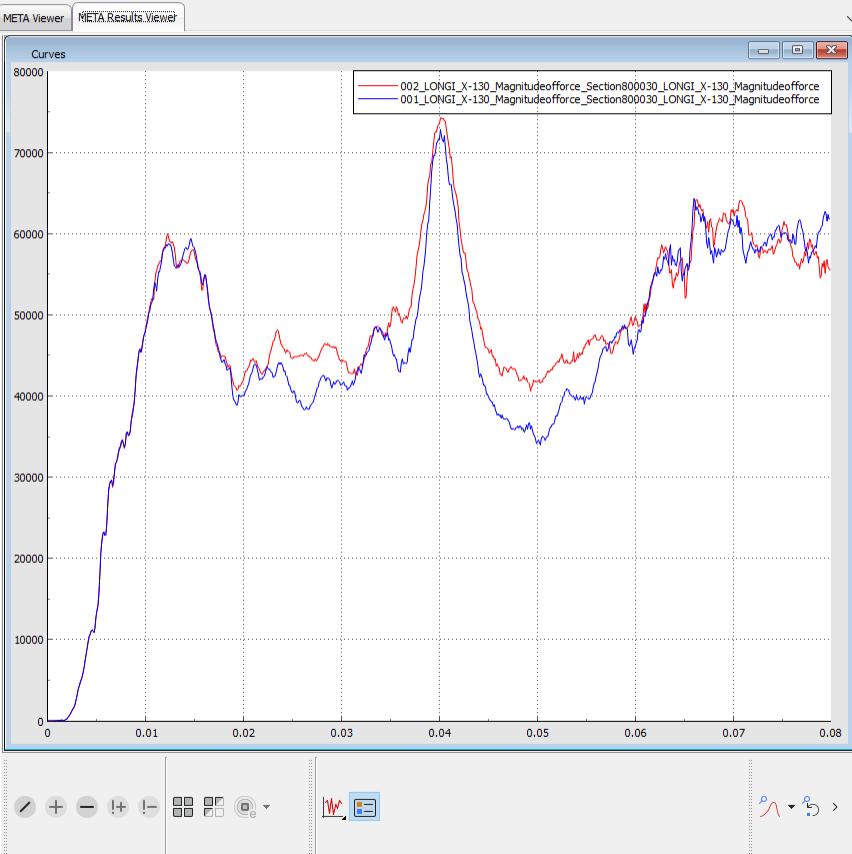
DM: http://172.24.48.99:33080/ | Simulation Runs 2 selected 0

Details References Issues Updates Overwrites Reports Table 1: Simulation Runs X

front_offset_venza_a00

	001_01_01	002_01_01
Report		
Section800021_SILL_X1721_LH_Magnitudeofforce	✓	✓
Section800023_SILL_X1065_LH_Magnitudeofforce	✓	✓
Section800024_InnerRail_LONG_X625_LH_Magnitudeoff...	✓	✓
Section800025_FrontRail_LONG1_X746_LH_Magnitudeoff...	✓	✓
Section800026_FrontRail_LONG1_X566_LH_Magnitudeoff...	✓	✓
Section800029_LONG1_X300_Magnitudeofforce	✓	✓
Section800030_LONG1_X130_Magnitudeofforce	✓	✓
Section800031_LONG1_X150_Magnitudeofforce	✓	✓
Section800033_SILL_X650_Magnitudeofforce	✓	✓
Section800057_InnerRail_LONG_X625_RH_Magnitudeoff...	✓	✓

Reports 10 selected 1





New tab X Simulation Models X Reports Table 1: Simulation Runs X +

Lifecycle Iteration Reports Logbook

Search in DM

Contents	ANSA Creation Date	ANSA Modification Date	User	Id	Software Version
<input checked="" type="checkbox"/> front_offset_venza_a00_lhd_001_01_01	15-Oct-2020 15:43:29	15-Oct-2020 15:45:18	s...	667	21.0.1
<input checked="" type="checkbox"/> front_offset_venza_a00_lhd_002_01_01	15-Oct-2020 15:43:29	15-Oct-2020 15:54:00	s...	732	21.0.1

DM: http://172.24.48.99:33080/ Simulation Runs 2 selected 0

Details References Issues Updates Overwrites Reports Table 1: Simulation Runs X

Curve	Image	MetaProject	Spreadsheet	Video

front_offset_venza_a00

lhd
001_01_01
002_01_01

Report

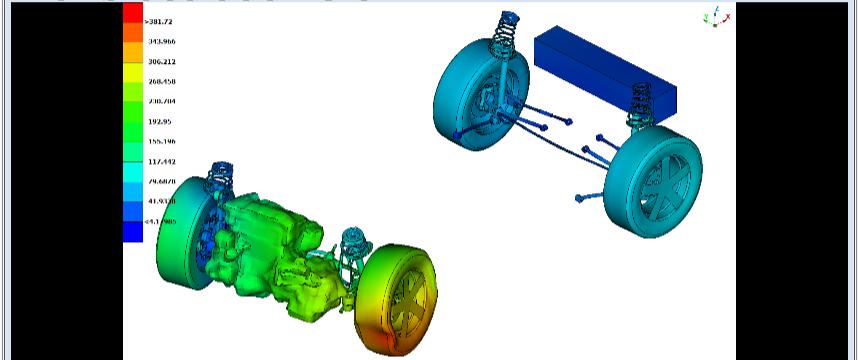
firewall_intrusion	✓	✓
front_structure_plastic_def	✓	✓
history_nodes_acceleration	✓	✓
history_nodes_displacement	✓	✓
history_nodes_velocity	✓	✓
peak_crash	✓	✓
Powertrain_plastic_def	✓	✓
rocker_pulse	✓	✓
total_deformation	✓	✓

Reports 11 selected 1

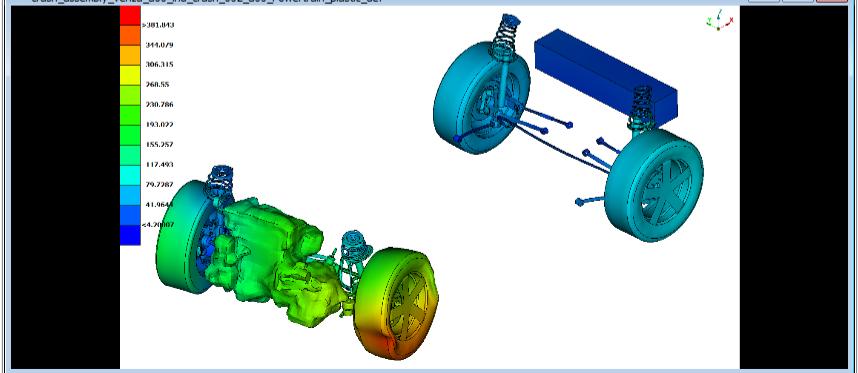
META Viewer META Results Viewer

Images page

crash_assembly_venza_a00_lhd_crash_001_a00_Powertrain_plastic_def



crash_assembly_venza_a00_lhd_crash_002_a00_Powertrain_plastic_def





Quick Search



Simulation Runs +

Lifecycle Iteration Reports Logbook Logbook

Search in DM			
Contents		Id	Software Version
p18 (Simulation_Model->Project)			
r1 (Simulation_Model->Release)			
safety (Simulation_Model->Discipline)			
crash_assembly , std (Simulation_Model->Model...)			
f0deg (LoadCase->Loadcase Id)			
f0deg_p18_r1_std_048_01_01	4543	22.0.0	
f0deg_p18_r1_std_050_01_01	4486	22.0.0	
f0deg_p18_r1_std_054_01_01	4250	22.0.0	
f0deg_p18_r1_std_061_01_01	3958	22.0.0	
f0deg_p18_r1_std_062_01_01	3901	22.0.0	
f0deg_p18_r1_std_068_01_01	3788	22.0.0	
f0deg_p18_r1_std_083_01_01	3129	22.0.0	
f0deg_p18_r1_std_084_01_01	3073	22.0.0	
f0deg_p18_r1_std_085_01_01	2904	22.0.0	
f0deg_p18_r1_std_088_01_01	2678	22.0.0	
f0deg_p18_r1_std_100_01_01	1951	22.0.0	

1 - 79 of 79 | DM: D:/beta_cae/demos/DEMO_COMPILATIONS/20210830_logbook/DM_p18/

Simulation Runs 553 | selected 17

< 1 > 100

Details References

Name	Value
Name	f0deg_p18_r1_std_137_01_01
Status	WIP
Comment	
DM Modification Date	13-JUN-2021 21:23:21
User	irene
Id	583

DM Properties

Iteration	01
Simulation_Model	581
LoadCase	582
File Type	LsDyna

DM Attributes

File	DM:/Simulation_Run/x23contained/f0deg_01_at_dgtz/01/LsDyna/File/main_file.key
------	---

N/A info



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Job	Model Iteration	Status	Comment	Loadcase	Model Variant	VPulse_Str_Sd	VPulse_Side_Sd_LHS	VPulse_Side_Sd_RHS	VPulse_Total_Sd	VPulse_VP1_4n	VPulse_VP1_2n	Intrusion_Cowl	Intrusion_Dash	Intrusion_Toeboard	Intrusion_Heel_Point	Intrusion_Ball_of_foot	Intrusion_Pot_Ride_Down	Intrusion_Str_Col_Frame	Intrus_A_Pos.
f0deg_p18_r1_std_048_01_01	048	Normal	Subframe. 1) Raised top surface (6 mm) at pt3. 2) Internal reinf at pt3.	f0deg	std	773.1	715.5	722.1	953.9	71.4	70.7	194.5	235.1	45.4	3.356	20.4	85.1	18.9	33.0
f0deg_p18_r1_std_050_01_01	050	Warning	Subframe front towers connected with T-beam.	f0deg	std	768.2	708.7	721.2	949.0	72.7	70.8	17.5	18.0	16.2	2.157	10.4	12.5	8.029	11.3
f0deg_p18_r1_std_054_01_01	054	Normal	Subframe. More realistic patch at pt3.	f0deg	std	778.0	720.9	729.1	959.5	71.3	69.5	266.9	307.2	66.0	4.674	26.2	138.8	27.7	43.3
f0deg_p18_r1_std_061_01_01	061	Warning	034 but change to rigid OBC/DCDC, more of the y0 beam in 6mm	f0deg	std	790.8	734.5	738.6	971.7	69.5	70.4	299.0	320.7	70.8	3.955	38.8	154.1	22.9	38.8
f0deg_p18_r1_std_062_01_01	062	Normal	Subframe. More realistic patch at pt3. Version 2.	f0deg	std	760.4	700.6	712.6	941.5	72.5	71.1	278.5	306.3	66.5	4.554	25.6	145.4	26.1	40.6
f0deg_p18_r1_std_068_01_01	068	Normal	Subframe. More realistic patch at pt3. Version 3 (wider).	f0deg	std	767.7	712.3	715.3	948.6	71.1	70.4	272.4	314.6	69.3	4.314	25.8	145.8	25.8	41.2
f0deg_p18_r1_std_083_01_01	083	Warning	Subframe 8889847819_023 (week 4) but front patch not included.	f0deg	std	766.3	708.9	716.0	947.3	71.6	71.8	262.6	303.1	59.8	4.554	30.7	141.3	25.6	41.1
f0deg_p18_r1_std_084_01_01	084	Normal	LSTC tire	f0deg	std	742.9	682.5	694.9	924.1	71.9	72.6	275.4	279.1	68.7	5.393	44.9		27.2	60.9
f0deg_p18_r1_std_085_01_01	085	Normal	Subframe 8889847819_023 (week 4) with front patch.	f0deg	std	759.1	701.5	709.3	940.2	71.9	70.9	271.1	310.5	60.4	4.554	25.8	152.1	24.6	40.1
f0deg_p18_r1_std_088_01_01	088	Normal	Subframe reinforcement middle.	f0deg	std	760.2	704.0	709.0	941.4	72.4	72.4	270.4	306.3	69.4	4.674	39.3	137.0	30.7	43.3
f0deg_p18_r1_std_100_01_01	100	Normal	Subframe smbr curvature changed between pt3 and pt4 - trigger moved rearwards.	f0deg	std	757.4	700.6	706.7	938.4	72.2	71.4	273.2	312.9	63.8	4.674	22.6	145.2	25.0	39.1
f0deg_p18_r1_std_104_01_01	104	Normal	LSTC tire	f0deg	std	763.2	702.5	715.4	944.4	72.8	72.1	298.9	2914.6	61.4	4.434	37.5	87.4	0.0	41.8
f0deg_p18_r1_std_105_01_01	105	Normal	front floor lift between 5-10ms	f0deg	std	742.4	682.1	693.1	923.0	73.1	73.8	287.7	294.4	75.0	5.153	41.6		27.7	60.3
f0deg_p18_r1_std_106_01_01	106	Normal	No rotation on front wheels (ground friction 0)	f0deg	std	766.1	707.3	714.4	946.3	70.4	71.8	304.3	309.0	72.4	4.794	45.4		21.1	43.6
f0deg_p18_r1_std_108_01_01	108	Normal	Subframe smbr curvature changed between pt3 and pt4 - trigger moved rearwards. version 2.	f0deg	std	762.3	703.8	712.5	943.1	71.8	70.8	259.9	308.8	69.4	4.674	28.9	138.2	27.4	41.2
f0deg_p18_r1_std_109_01_01	109	Normal	098, increases overlap and thickness Joule lipp to dash	f0deg	std	791.4	734.8	740.0	972.5	69.8	69.9	296.8	318.5	65.9	4.434	26.4	161.2	27.2	40.5
f0deg_p18_r1_std_137_01_01	137	Normal	085 but new LLP from CAD, new support bracket, new y0 cut and radius thickness	f0deg	std	765.3	708.9	714.0	946.2	71.1	69.9	263.9	317.3	62.7	4.314	21.9	147.5	25.2	40.9

< > []

Items 17 | selected 0

Details References

Name Value

Iteration

Simulation_Model

LoadCase

File Type

File

DM Root

Id

Name

Status

Target Point

ANSA Creation Date

ANSA Modification Date

DM Creation Date

DM Last Update

N/A info



Quick Search



New tab X Simulation Models X +

New Where Used Lifecycle Iteration Reports Logbook

Search in DM

Contents		
	crash_assembly_venza_a00_lhd_crash_001	Name
		crash_assembly_venza_a00_lhd_crash_001
		Id
		658
	Attachments	
		crash_assembly_venza_a00_lhd_crash_001
	front_offset_01	Name
		front_offset_01
		Id
		662
		auto_created_transf_Barrier.k
		auto_created_transf_Barrier.k
		664
		Barrier_transformation.k
		Barrier_transformation.k
		663
		front_offset_01.key
		front_offset_01.key
		666
	> front_offset_venza_a00_lhd_001_01_01	Name
		front_offset_venza_a00_lhd_001_01_01
		Id
		667
	002 (Iteration)	
		crash_assembly_venza_a00_lhd_crash_002
		Name
		crash_assembly_venza_a00_lhd_crash_002
		Id
		719
		Attachments
		crash_assembly_venza_a00_lhd_crash_002
	front_offset_01	Name
		front_offset_01
		Id
		726
		auto_created_transf_Barrier.k
		auto_created_transf_Barrier.k
		728
		Barrier_transformation.k
		Barrier_transformation.k
		727
		front_offset_01.key
		front_offset_01.key
		731
	> front_offset_venza_a00_lhd_002_01_01	Name
		front_offset_venza_a00_lhd_002_01_01
		Id
		732
	> durability (Discipline)	
	> nvh (Discipline)	

Compare Containers

DM: http://172.24.48.99:33080/

Simulation Models 5 selected 2

Details References Issues Updates Overwrites Job Status

Name Value

Name

Status WIP

Comment

Owner

DM Modification Date

DM Properties

Project

Release

Discipline

Model Id

Model Variant

Iteration

File Type

N/A info



Home Database Processes Issues Actions

New tab Project Venza / Crash Compare Containers +

View All Only Differences Highlight Differences

Quick Search



	front_offset_venza_a00_lhd_001_01	front_offset_venza_a00_lhd_002_01_01
Properties		
File Type	LsDyna	LsDyna
Iteration	01	01
Loadcase	front_offset_01	front_offset_01
Simulation_Model	crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_002
Attributes		
> General		
> Definition		
Contents		
> front_offset	✓	✓
> crash_assembly	✓	✓
Properties		
Discipline	crash	crash
File Type	LsDyna	LsDyna
Iteration	001	002
Model Id	crash_assembly	crash_assembly
Model Variant	lhd	lhd
Project	venza	venza
Release	a00	a00
> Attributes		

Compare Containers

Details References Issues Overwrites Updates Job Status

Simulation Runs: 2 selected 0

Name	Value
Name	
Status	
Comment	
Owner	
DM Modification Date	
DM Properties	
Project	
Release	
Discipline	
Model Id	
Model Variant	
Iteration	
File Type	

N/A info



Home Database Processes Issues Actions

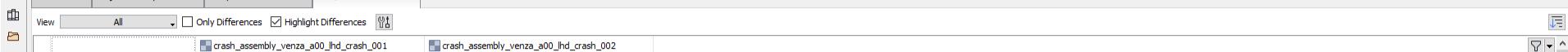


Quick Search



Settings Email Notifications Login

New tab Project Venza / Crash Compare Containers Compare Containers +



crash_assembly_venza_a00_lhd_crash_001 crash_assembly_venza_a00_lhd_crash_002

Properties		
Discipline	crash	crash
File Type	LsDyna	LsDyna
Iteration	001	002
Model Id	crash_assembly	crash_assembly
Model Variant	lhd	lhd
Project	venza	venza
Release	a00	a00
Attributes		
> General		
> Definition		
Contents		
101_blw	✓	✓
102_door_fl	✓	✓
Properties		
File	102_door_fl_venza_a00_crash_fe_001.k	102_door_fl_venza_a00_crash_fe_002.key
File Type	LsDyna	LsDyna
Iteration	001	002
Loadcase Variant	-	-
Module Id	102_door_fl	102_door_fl
Project	venza	venza
Release	a00	a00
Representation	crash_fe	crash_fe
Variant	-	-
> Attributes		
102_door_fl		

Compare



| Simulation Models: 2 | selected 0

Details References Issues Overwrites Updates Job Status

Name Value

N/A info

Database Compare Tool

File View Tools Result Model Navigation

Same Diffs Geometry Attributes Connections Explode Layout

Model 1 Model 2 Properties Materials General

Filters

Model 1
1:102_door_f1_venza_a00_crash_fe_001.k
 ✓ Same (0/0)
 ✓ Diffs (86/88)
 ✓ Model 1 (1/1)
 ✓ Model 2 (0/0)

Model 2

Results

- > 33116 Front door inner upper reinf.
- > 33117 Front door latch mounting re
- > 33118 Front door frame
- > 33118 Front door window
- > 33118 Front door window
- > 33119 Front door latch a
- > 33120 Front door frame
- > 33121 Front door window
- > 33124 Front door hinge t
- > 33125 Front door hinge t
- > 33126 Front door hinge t
- > 33127 Front door hinge t
- > 33131_Front Door Outer
- > 33132_Front Door Outer
- > 33133_Front Door Outer
- > 33134_Front Door Outer
- > 33135 Front door xxx (Module Id: 1)
- > 33150 RIGID PATCH Front
- > 33151 RIGID PATCH Top
- > 33152 RIGID PATCH Top
- > 33153 RIGID PATCH Bott
- > 33154 RIGID PATCH Bott
- > 33155 RIGID PATCH Bott
- > 33156 RIGID PATCH Bott
- > 33198 Front door clenched hem t=2.2
- > 33199 Front door clenched hem t=1.6
- > JOINTs (Module Id:)
- > MASSs (Module Id:)
- > RIGIDs (Module Id: RIGIDs)

selected 0

ENT PID 40°

Reading script from :C:/Users/irene/AppData/Local/Temp/ansas_meta_dm_tmp_16040/support145_16040_116/invoke_in_ansa.py
 Generating code...
 Code generation completed.
 The ANSA_HELP environment variable does not point to a directory. No help available.

Next Iteration



Quick Search



New tab X Project Venza / Crash +

Bjø Where Used Lifecycle Iteration Reports Logbook

Project = venza and Discipline = crash

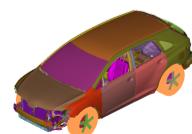
Contents	Name	DM Modification Date	Id
venza (Project)			
a00 (Release)			
crash (Discipline)			
crash_assembly , lhd (Model Id , Model Variant)			
001 (Iteration)			
crash_assembly_venza_a00_lhd_crash_001	crash_assembly_venza_a00_lhd_crash_001	29-Oct-2020 17:17:15	658
Attachments	crash_assembly_venza_a00_lhd_crash_001		
front_offset_01	front_offset_01	15-Oct-2020 15:59:15	662
auto_created_transf_Barrier.k	auto_created_transf_Barrier.k	15-Oct-2020 15:45:30	664
Barrier_transformation.k	Barrier_transformation.k	15-Oct-2020 15:45:30	663
front_offset_01.key	front_offset_01.key	15-Oct-2020 15:45:34	666
front_offset_venza_a00_lhd_001_01	front_offset_venza_a00_lhd_001_01	06-Nov-2020 11:58:47	667
002 (Iteration)			

DM: http://172.24.48.99:33080/

Simulation Models 2 selected 1

 Details References Issues Overwrites Updates Job Status

Name	Value
Name	crash_assembly_venza_a00_lhd_crash_001
Status	WIP
Comment	
Owner	s.tzamtzis
DM Modification Date	29-OCT-2020 17:17:15
DM Properties	
Project	venza
Release	a00
Discipline	crash
Model Id	crash_assembly
Model Variant	lhd
Iteration	001
File Type	lcadwka



0:Untitled, Current DM: http://172.24.48.99:33080/, Current Part: Untitled

Model Browser

Parts Subsystems **Simulation Models**

New Utilities DM Load Build ID Ranges Compare

DM	Name	Contents	Iteration
crash_assembly_venza_a00_lhd_crash_001			001
101_biw_venza_a00_lhd_crash_fe_001			001
102_door_fl_venza_a00_crash_fe_001			001
103_door_rl_venza_a00_crash_fe_001			001
104_door_fr_venza_a00_crash_fe_001			001
105_door_rr_venza_a00_crash_fe_001			001
108_hood_venza_a00_crash_fe_001			001
109_tailgate_venza_a00_crash_fe_001			001
115_engine_venza_a00_crash_fe_001			001
116_exhaust_line_venza_a00_crash_fe_001			001
128_fr_suspension_venza_a00_lhd_crash_fe_001			001
130_rr_suspension_venza_a00_crash_fe_001			001
133_fuel_tank_venza_a00_crash_fe_001			001
150_seat_driver_venza_a00_crash_fe_001			001
154_radiator_venza_a00_crash_fe_001			001
Patches_venza_a00_crash_fe_001			001

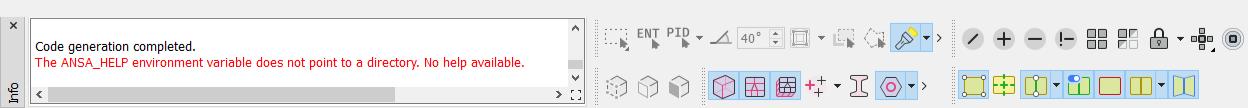
> Unassigned

total 2 selected 0

Details **Contents** **Connectivity** **DM** **Features** **Build**

Name	Value
Name	
Discipline	
Model Id	
Model Variant	
Project	
Release	
Iteration	
File Type	
Contents state	

Comment



Search Functions and Filters

TOPO

Hot Points **Info**

Insert Project Parametrical
Delete Mult.Project Intersect
Release Weld Spot

CONS **Info**

Paste Release Fill Hole
Open Hole Project Break

Faces **Info**

Cut Delete Undelete
New Set PID Topo
Proj.Cut Mid.Surfac. Rm.Logos.
Fuse Flange Rm.Dbl
Plane Cut Offset Freeze/Un
Zone Cut Convert Dach
Intersect Extend Orient
Modify

Surfaces **Info**

Coons Fit Extend
Volume Extrude Break
Contoured

Curves **Info**

Create Delete Undelete
Connect Transform Imprint

Points **Info**

New Delete Undelete
Relative On COG On Curve

Auxiliaries

Working PI Fine IGA

Options List

Model Browser

Parts Subsystems Library Items Simulation Models

New Utilities DM Load Build ID Ranges Compare

DM	Name	Contents	Iteration
crash_assembly_venza_a00_lhd_crash_003		003	
101_biw_venza_a00_lhd_crash_fe_001		001	
102_door_fl_venza_a00_crash_fe_002		002	
103_door_rl_venza_a00_crash_fe_001		001	
104_door_fr_venza_a00_crash_fe_001		001	
105_door_rr_venza_a00_crash_fe_001		001	
108_hood_venza_a00_crash_fe_001		001	
109_tailgate_venza_a00_crash_fe_001		001	
115_engine_venza_a00_crash_fe_001		001	
116_exhaust_line_venza_a00_crash_fe_001		001	
128_fr_suspension_venza_a00_lhd_crash_fe_002		002	
130_rr_suspension_venza_a00_crash_fe_001		001	
132_fuel_tank_venza_a00_crash_fe_001		001	
150_seat_driver_venza_a00_crash_fe_001		001	
154_radiator_venza_a00_crash_fe_001		001	
Patches_venza_a00_crash_fe_001		001	

> Unassigned

total 2 selected 1

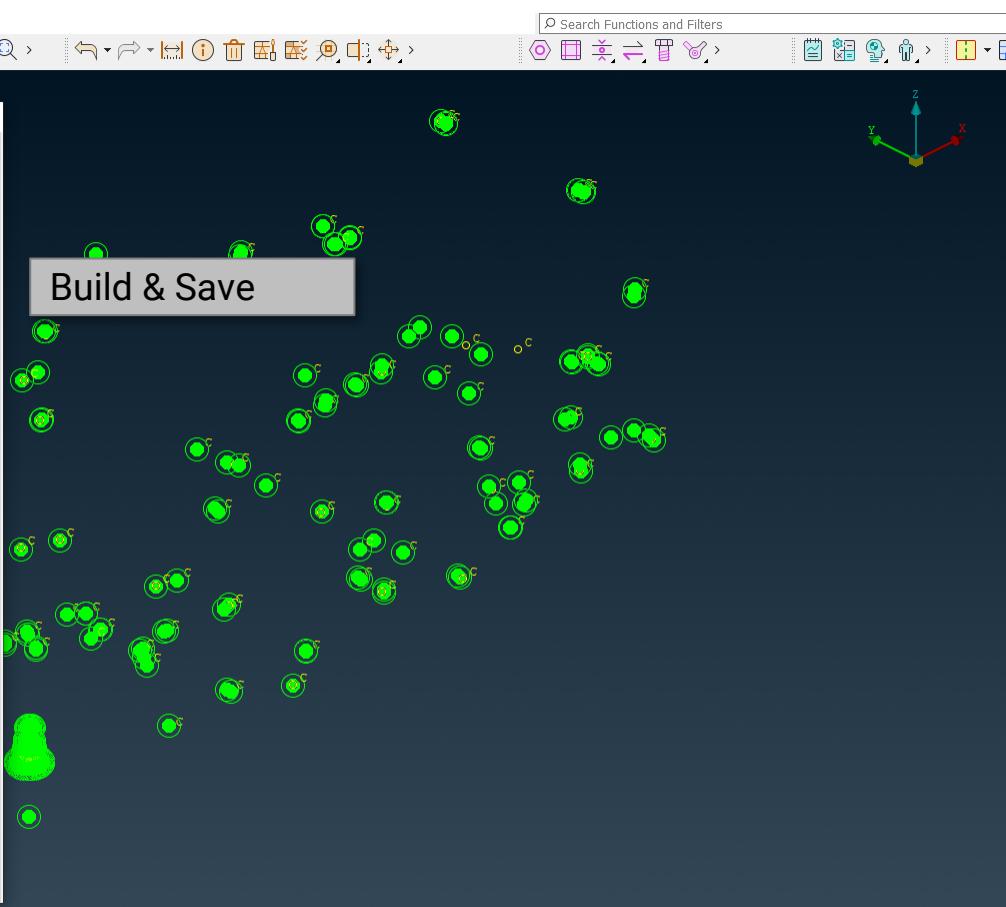
Details Contents Connectivity DM Features Build

Search in DM

- Contents
- crash_assembly_venza_a00_lhd_crash_001
- crash_assembly_venza_a00_lhd_crash_002
- crash_assembly_venza_a00_lhd_crash_003

Comment

Simulation Models 3 selected 0 marked 0



Search Functions and Filters

ANSYS LS-DYNA

NODE ► NEW PASTE ALIGN
MOVE MATCH EXplode
THICKNESS UTIL DELETE
DEFINE_COORD. ► INFO
NODES SYSTEM CHANGE T.
VECTOR

ELEMENT ► INFO
BEAM DISCRET. TSHELL
SHELL SOLID SEATBELT
MASS UTIL DELETE
BEARING

CONSTRAINED ► INFO
JOINTS ND_R_B EXT_NOD
RIGIDBD SPR2 DELETE
IN_SOLID TIED_NO

BOUNDARY ► INFO
SPC MOTION ACCEL
ORIENT SPC SY. AMBIENT
TEMP DELETE
EM_BOU CYCLIC

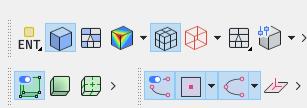
LOAD ► INFO
LOAD BEAM SHELL
BODY THERMAL DELETE

INITIAL ► INFO
VELOCITY STRAIN INITTEMP
STRESS STRESEC DELETE

AUXILIARIES ►
DATABASE CURVE
CONTACT HOURGL
TERMINATOR RIGIDWALL SENSOR
ALE CROSS_ CNT_AUTO
STAGED_P LC_POINT TRANSFRM
HAZ STAGE
MULTI_SH MAT_HIST NODE_ME
MODULE NODE_ME DEFINE_B

Options List

Save In DM (bottom-up): Successfully completed. [View DM Log](#)
=====
End of Save In DM (bottom-up)=====



SPDRM Script Actions



Quick Search



irene (Administrators)

Settings Email Notifications Login

New tab X filtered Simulation Models X +

New	Bj	Where Used	Lifecycle	Iteration	Reports	Logbook
-----	----	------------	-----------	-----------	---------	---------

Project = venza and Discipline = crash

--	--	--	--	--	--	--

Contents

- venza (Project)
- a00 (Release)
 - crash (Discipline)
 - crash_assembly , lhd (Model Id , Model Variant)
 - 001 (Iteration)
 - 002 (Iteration)
 - 003 (Iteration)
 - crash_assembly_venza_a00_lhd_crash_003 crash_assembly_venza_a00_lhd_crash_003 20-Dec-2021 17:59:23 24604

DM: http://172.24.48.99:33080/

Simulation Models 3 selected 1

Details	References	Issues	Overwrites	Updates	Job Status
---------	------------	--------	------------	---------	------------

Name	Value
Name	crash_assembly_venza_a00_lhd_crash_003
Status	WIP

Comment	
---------	--

Owner	irene
-------	-------

DM Modification Date	20-DEC-2021 17:59:23
----------------------	----------------------

Project	venza
---------	-------

Release	a00
---------	-----

Discipline	crash
------------	-------

Model Id	crash_assembly
----------	----------------

Model Variant	lhd
---------------	-----

Iteration	003
-----------	-----

File Type	lchd
-----------	------

Disk Space: OK



Home Database Processes Issues Actions

New tab X filtered Simulation Models X +

Bjø Where Used Lifecycle Iteration Reports Logbook

Project = venza and Discipline = crash

Settings Email Notifications Login



Contents	Name	DM Modification Date	Id
v	venza (Project)		
v	a00 (Release)		
v	crash (Discipline)		
v	crash_assembly , lhd (Model Id , Model Variant)		
>	001 (Iteration)		
>	002 (Iteration)		
v	003 (Iteration)		
>	crash_assembly_venza_a00_lhd_crash_003	20-Dec-2021 17:59:23	24604

- Edit
- Next Iteration
- Show in Viewer
- Open Hierarchy in new Tab
- Open References Graph
- SPDRM Actions >
 - Create Simulation(s)
 - Monitor Simulation Run(s)
- Build contents
- Compare Containers
- Create Issue

- Reports >
- Delete
- Export

DM: http://172.24.48.99:33080/

Simulation Models 3 selected 1

- Details
- References
- Issues
- Overwrites

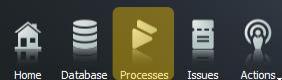
Name	Value
Name	crash_assembly_venza_a00_lhd_crash_003
Status	WIP
Comment	
Owner	irene
DM Modification Date	20-DEC-2021 17:59:23
Project	venza
Release	a00
Discipline	crash
Model Id	crash_assembly
Model Variant	lhd
Iteration	003
File Type	lcfwms

>>

i

Disk Space: OK

Process Management



Process Library

Name	Version	Actions
> Build Subsystem		
> Compare in ANSA		
> Compare Text		
> Create Run		
> Create Simulations		
> hpc_run_submission_and_monitoring		
> Run Simulations in HPC		
> Simulation Model Procurement		
> Submit Run		
> Validate Subsystem		
> zz_test_print		

Process Instance List

Name	State	Application	Path	Creation Date	Owner	Progress
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	16-Dec-2021 17:10:02	irene	3 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	16-Dec-2021 17:09:43	irene	0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 16:31:37	irene	0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 13:01:56	irene	0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 12:25:49	irene	0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 12:20:41	irene	0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 09:31:22	irene	8 %

List of running processes

1 - 50 of 177 Nodes

Workflows 7 | Nodes 50 | Selected 0

< 1 2 3 ... > 50

Running Process X Selected Process X

Library

Workflows 11 | Selected 0

Disk Space: OK



Process Library

Show: Everything Latest only

Name	Version	Owner
> Build Subsystem		
> Compare in ANSA		
> Compare Text		
> Create Run		
> Create Simulations		
> hpc_run_submission_and_monitoring		
> Run Simulations in HPC		
✓ Simulation Model Procurement		
↳ Simulation Model Procurement	1.0	s.tzamtzis
↳ Check in DM	1.0	
↳ Collect Simulation Models	1.0	
Receive CAE Request	1.0	
↳ Simulation Model Assembly	1.0	s.tzamtzis
↳ Subsystem Preparation	1.0	s.tzamtzis
> Submit Run		
> Validate Subsystem		
> zz_test_print		

Library

Process Instance List



Assignee (2)



State



Name	State	Application	Path	Creation Date	Owner	Progress
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	16-Dec-2021 17:10:02	irene	🕒 3 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	16-Dec-2021 17:09:43	irene	🕒 0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 16:31:37	irene	🕒 0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 13:01:56	irene	🕒 0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 12:25:49	irene	🕒 0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 12:20:41	irene	🕒 0 %
> 0_0 Build Subsystem	0%	Build Subsystem	Build Subsystem	15-Dec-2021 09:31:22	irene	🕒 8 %

**Properties**

Name	Receive CAE Request
Package	Model Build
Version	1.0

Attributes

Initiator DM items

System Attributes

Creation Date	18-Nov-2020 15:46:46
Id	6325
Owner	s.tzamtzis
Type	Script Node

Inputs

spdrm_scripts	SPDRM_script_functions.pyb
start_process	OK

Outputs

simulations_order	simulations.csv
-------------------	-----------------

Variables**Schedule**

Est. Duration	0d0h1m
---------------	--------

Settings

Auto Execute

false

Auto Finish

true

Script

Script

AAAADApENbVyR8fH0TDoBx8lRMh

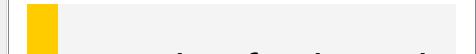
Write to Output Window

true

Description

Description

--



Details of selected

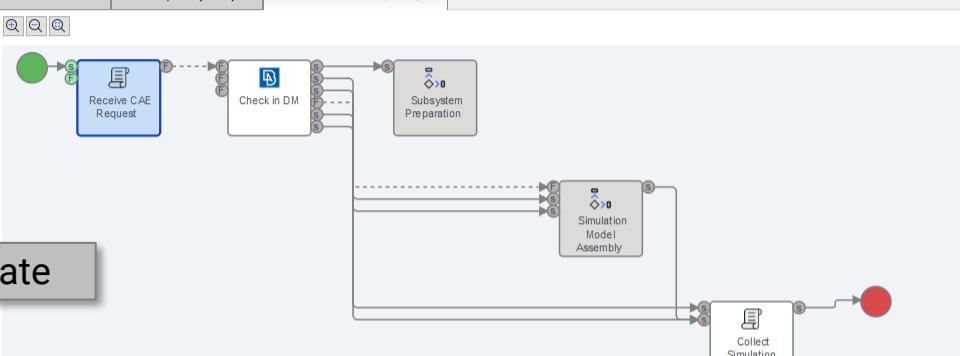




Process Library

- Show: Everything ▾ Latest only
- > Build Subsystem
 - > Compare in ANSA
 - > Compare Text
 - > Create Run
 - > Create Simulations
 - > hpc_run_submission_and_monitoring
 - > Run Simulations in HPC
 - > Simulation Model Procurement
 - Check in DM**
 - Collect Simulation Models** 1.0
 - Receive CAE Request** 1.0
 - > **Simulation Model Assembly** 1.0 s.tzamtzis
 - > **Subsystem Preparation** 1.0 s.tzamtzis
 - > Submit Run
 - > Validate Subsystem
 - > zz_test_print

Process Instance List | Build Subsystem (12729) X | Simulation Model Pro... (12740) X



Instantiate

Diagram View

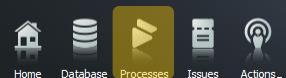
Running Process X | Selected Process X

```

20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : Traceback (most recent call last):
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :   File "", line 34, in <module>
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :     File "spdm_script", line 16
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :       except NameError, e:
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : SyntaxError: invalid syntax
  
```

Details

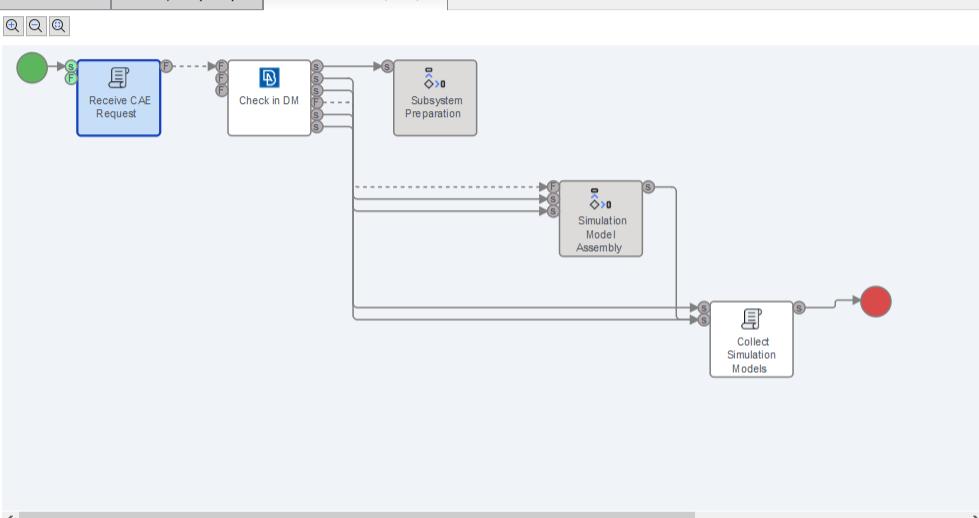
Name	Value
Properties	
Name	Receive CAE Request
Package	Model Build
Version	1.0
Attributes	
Executed By	irene
Execution Count	2
Initiator DM items	
State	Running
System Attributes	
Creation Date	20-Dec-2021 18:10:06
Id	12743
Owner	irene
Type	Script Node
Inputs	
spdm_scripts	17563SPDRM_script_functions.pybD
start_process	START
Outputs	
simulations_order	simulations.csvDM;/TMP/[]/[]/[]/false
Variables	
Inherited Variables	
Statistics	
Duration	
End Date	
Start Date	
Settings	
Auto Execute	false
Auto Finish	true
Script	
Description	



Process Library

- Show: Everything ▾ Latest only
- > Build Subsystem
 - > Compare in ANSA
 - > Compare Text
 - > Create Run
 - > Create Simulations
 - > hpc_run_submission_and_monitoring
 - > Run Simulations in HPC
 - > Simulation Model Procurement
 - Simulation Model Procurement** 1.0 s.tzamtzis
 - Check in DM 1.0
 - Collect Simulation Models 1.0
 - Receive CAE Request 1.0
 - > Simulation Model Assembly 1.0 s.tzamtzis
 - > Subsystem Preparation 1.0 s.tzamtzis
 - > Submit Run
 - > Validate Subsystem
 - > zz_test_print

Process Instance List | Build Subsystem (12729) X | Simulation Model Proc... (12740) X



Running Process X | Selected Process X

```

20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : Traceback (most recent call last):
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :   File "", line 34, in <module>
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :     File "spdm_script", line 16
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :       except NameError:
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : SyntaxError: invalid syntax
  
```

Output window

Details

Name	Value
Properties	
Name	Receive CAE Request
Package	Model Build
Version	1.0
Attributes	
Executed By	irene
Execution Count	2
Initiator DM items	
State	Running
System Attributes	
Creation Date	20-Dec-2021 18:10:06
Id	12743
Owner	irene
Type	Script Node
Inputs	
spdm_scripts	17563SPDRM_script_functions.pybb
start_process	START
Outputs	
simulations_order	simulations.csvDM;/TMP/[]/[]/[]/false
Variables	
Inherited Variables	
Statistics	
Duration	
End Date	
Start Date	
Settings	
Auto Execute	false
Auto Finish	true
Script	
Description	

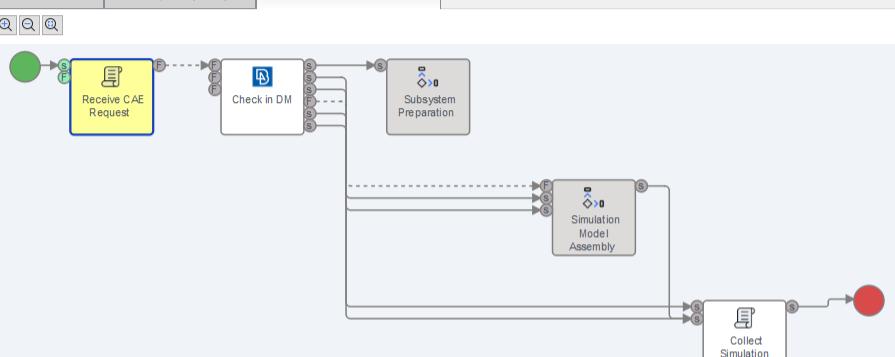




Process Library

- Show: Everything Latest only
- > Build Subsystem
 - > Compare in ANSA
 - > Compare Text
 - > Create Run
 - > Create Simulations
 - > hpc_run_submission_and_monitoring
 - > Run Simulations in HPC
 - > Simulation Model Procurement
 - ↳ Simulation Model Procurement 1.0 s.tzamtzis
 - ↳ Check in DM 1.0
 - ↳ Collect Simulation Models 1.0
 - ↳ Receive CAE Request 1.0
 - ↳ Simulation Model Assembly 1.0 s.tzamtzis
 - ↳ Subsystem Preparation 1.0 s.tzamtzis
 - > Submit Run
 - > Validate Subsystem
 - > zz_test_print

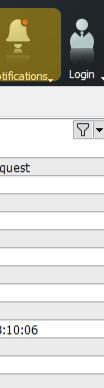
Process Instance List | Build Subsystem (12729) | Simulation Model Pro... (12740)

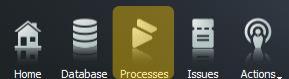


Running Process | Selected Process

```

20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : Traceback (most recent call last):
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :   File "", line 34, in <module>
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :     File "spdm_script", line 16
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :       except NameError,e:
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request :
20-DEC-2021 18:11:02 - 12743 - Receive CAE Request : SyntaxError: invalid syntax
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request : Traceback (most recent call last):
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request :   File "", line 34, in <module>
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request :     File "spdm_script", line 16
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request :       except NameError,e:
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request :
20-DEC-2021 18:11:20 - 12743 - Receive CAE Request : SyntaxError: invalid syntax
  
```

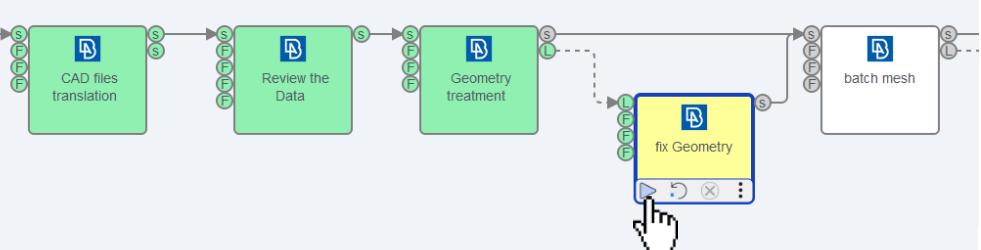




Process Library

- Show: Everything Latest only
- > Build Subsystem
 - > Compare in ANSA
 - > Compare Text
 - > Create Run
 - > Create Simulations
 - > hpc_run_submission_and_monitoring
 - > Run Simulations in HPC
 - > Simulation Model Procurement
 - > Submit Run
 - > Validate Subsystem
 - > zz_test_print

Process Instance List Build Subsystem (12729) X



Execute task

Running Process X

Selected Process X

Time	Event	Object	Details
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 2000372_003_DOOR_BUTTON_BRACKET
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 2000374_003_DOOR_ARMREST
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 2000375_003_DOOR_ARMREST_SHELL
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 2000379_001_DOOR_BRACKET
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607001_004_CASE_LT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607010_007_SIDE_IMPACT_BAR
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607020_007_LOCK_REINFORCEMENT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607030_001_UPPER_FRAME
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607041_003_EXTERIOR_PANEL_LT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607050_003_REINFORCEMENT_BAR
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607060_001_LOWER_HINGES_OUT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607070_001_UPPER_HINGES_OUT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607080_002_BACK_FRAME
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607090_002_MIRROR_REINFORCEMENT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 607101_006_REINFORCEMENT_BELT_LT
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 608060_001_LOWER_HINGES_IN
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Processing part 608070_001_UPPER_HINGES_IN
20-DEC-2021 18:10:37 - 12734	-	Geometry treatment	: Subsystem

Workflows 11 Selected 1

Details

Name	Value
Properties	
Name	Geometry treatment
Package	Build Subsystem
Version	1.1
Attributes	
Executed By	irene
Execution Count	1
Initiator DM Items	
State	Running
System Attributes	
Creation Date	16-Dec-2021 17:10:02
Id	12734
Owner	irene
Type	Application Node
Inputs	
CommonFunctions	17553CommonFunctions.pydbDM/LIB
SetDisciplineInfo	17556SetDisciplineInfo.pydbDM/LIB
start_subsystem_builtin	start
task	1014CreateSubsystem_SetRepres
Outputs	
subsystem_updated	
Application	
Application	ANSA
Global Max No.	0
Max No. Per Client	0
Variables	
Inherited Variables	
Schedule	
Est. Duration	0d0h0m
Progress	0
Statistics	
Duration	
End Date	
Start Date	
Settings	
Auto Execute	false
Auto Finish	true
Script	
Description	
Description	Right click and select Execute when

Disk Space: OK



Process Library

- Show: Everything Latest only
- > Build Subsystem
 - > Compare in ANSA
 - > Compare Text
 - > Create Run
 - > Create Simulations
 - > hpc_run_submission_and_monitoring
 - > Run Simulations in HPC
 - > Simulation Model Procurement
 - > Submit Run
 - > Validate Subsystem
 - > zz_test_print

Process Instance List Build Subsystem (12729) X Simulation Model Pro... (12740) X

Name	State	Application	Path	Creation Date	Owner	Progress
> Build Subsystem	▶		Build Subsystem	16-Dec-2021 17:10:02	irene	🕒 3 %
> Meshing	○		Build Subsystem > ...	16-Dec-2021 17:10:02	irene	🕒 0 %
Geometry trea...	●	ANSA	Build Subsystem/(...)	16-Dec-2021 17:10:02	irene	🕒 0 %
Assemble subs...	○	ANSA	Build Subsystem/A...	16-Dec-2021 17:10:02	irene	🕒 0 %
Set subsystem...	●		Build Subsystem/S...	16-Dec-2021 17:10:02	irene	🕒 100 %
CAD files transl...	●	ANSA	Build Subsystem/C...	16-Dec-2021 17:10:02	irene	🕒 100 %
> Build Subsystem	॥		Build Subsystem	16-Dec-2021 17:09:43	irene	🕒 0 %
> Build Subsystem	॥		Build Subsystem	15-Dec-2021 16:31:37	irene	🕒 0 %
> Build Subsystem	॥		Build Subsystem	15-Dec-2021 13:01:56	irene	🕒 0 %
> Build Subsystem	॥		Build Subsystem	15-Dec-2021 12:25:49	irene	🕒 0 %
> Build Subsystem	॥		Build Subsystem	15-Dec-2021 12:20:41	irene	🕒 0 %
> Build Subsystem	॥		Build Subsystem	15-Dec-2021 09:31:22	irene	🕒 8 %

Details

Name	Value

Process Monitoring

1 - 50 of 177 Nodes | Workflows 7 | Nodes 50 | Selected 1

< 1 2 3 ... > 50

Running Process X Selected Process X



Process Library

Show: Everything Latest only

- > CAD_Conversion
- > Check Logs
- > Create Simulations
- > hpc_run_submission_and_monitoring
- > Migrated
- > mxn_node
- > pex tests
- > runApplicationsCustom
- > Run Simulations in HPC
- > Simulation Model Procurement
- > tutorial__Create Run
- > tutorial__Submit Run
- > Validate Subsystem

Name	State	Application	Path	Creation Date	Owner	Progress
> % Check Logs	✓	Check Logs		05-Jul-2022 08:14:41	irene	100 %
> % Check Logs	○	Check Logs		05-Jul-2022 11:37:28	irene	0 %
> % Create Simulations		Create Simulations		29-Jun-2022 11:53:50	irene	0 %
> % Create Simulations	○	Create Simulations		04-Jul-2022 11:02:12	irene	0 %
> % Create Simulations	✓	Create Simulations		25-Nov-2020 13:02:24	irene	100 %
> % Run Simulations in HPC	○	Run Simulations in HPC		04-Jul-2022 10:51:53	irene	0 %
> % Run Simulations in HPC	○	Run Simulations in HPC		04-Jul-2022 11:02:41	irene	0 %
> % Run Simulations in HPC		Run Simulations in HPC		26-Jul-2021 14:09:48	irene	100 %
> % Submit Run	✓	Submit Run		21-Feb-2022 12:38:53	irene	0 %
> % Submit Run		Submit Run		21-Feb-2022 12:47:41	irene	99 %
> % Submit Run		Submit Run		01-Mar-2022 14:21:04	irene	100 %
> % Validate Subsystem	○	Validate Subsystem		21-Feb-2022 12:02:49	irene	100 %
> % Validate Subsystem		Validate Subsystem		06-Jul-2022 14:59:32	irene	100 %

New Process

1 - 50 of 177 Nodes

Workflows 7 | Nodes 50 | Selected 0

< 1 2 3 ... > 50

Running Process Selected Process

Details	
Name	Value
Properties	
Name	Receive CAE Request
Package	Model Build
Version	1.0
Attributes	
Initiator DM items	
System Attributes	
Creation Date	18-Nov-2020 15:46:46
Id	6325
Owner	s.tzamtzis
Type	Script Node
Inputs	
spdm_scripts	SPDRM_script_functions.pyb
start_process	OK
Outputs	
simulations_order	simulations.csv
Variables	
Schedule	
Est. Duration	0d0h1m
Settings	
Auto Execute	false
Auto Finish	true
Script	AAAADApENbVyR8fH0TDoBx8lRMh...
Write to Output Window	true
Description	
Description	



Process Library

Show: Everything Latest only

- | Name | Version |
|-------------------------------------|---------|
| > CAD_Conversion | |
| > Check Logs | |
| > Create Simulations | |
| > hpc_run_submission_and_monitoring | |
| > Migrated | |
| > mxn_node | |
| > pex tests | |
| > runApplicationsCustom | |
| > Run Simulations in HPC | |
| > Simulation Model Procurement | |
| > tutorial__Create Run | |
| > tutorial__Submit Run | |
| > Validate Subsystem | |

Process Instance List Untitled Workflow* +



Quick Search

Details

Name	Value
Properties	
Name	
Package	
Version	
Attributes	
Initiator DM items	
System Attributes	
Creation Date	
Id	
Owner	
Type	
Inputs	
spdm_scripts	
start_process	
Outputs	
simulations_order	
Variables	
Schedule	
Est. Duration	0d0h1m
Settings	
Auto Execute	false
Auto Finish	true
Script	
Script	
Write to Output Window	true
Description	
Description	

Running Process Selected Process

New task



Process Library

Show: Everything Latest only

Name	Version
> CAD_Conversion	
> Check Logs	
> Create Simulations	
> hpc_run_submission_and_monitoring	
> Migrated	
> mxn_node	
> pex tests	
> runApplicationsCustom	
> Run Simulations in HPC	
> Simulation Model Procurement	
> tutorial__Create Run	
> tutorial__Submit Run	
> Validate Subsystem	

Process Instance List Untitled Workflow* Set subsystem
infoRunning Process Selected Process

Quick Search

Details

Name	Value
Properties	
Name	
Package	
Version	
Attributes	
Initiator DM items	
System Attributes	
Creation Date	
Id	
Owner	
Type	
Inputs	
spdm_scripts	
start_process	
Outputs	
simulations_order	
Variables	
Schedule	
Est. Duration	0d0h1m
Settings	
Auto Execute	false
Auto Finish	true
Script	
Script	
Write to Output Window	true
Description	
Description	



Process Library

Show: Everything Latest only

Name

- > CAD_Conversion
- > Check Logs
- > Create Simulations
- > hpc_run_submission_and_monitoring
- > Migrated
- > mxn_node
- > pex tests
- > runApplicationsCustom
- > Run Simulations in HPC
- > Simulation Model Procurement
- > tutorial__Create Run
- > tutorial__Submit Run
- > Validate Subsystem

Process Instance List Untitled Workflow* X +



Running Process X Selected Process X

Connect tasks

Details

Name

Properties

Name
Package
Version

Attributes

Initiator DM items

System Attributes

Creation Date

Id

Owner

Type

Inputs

spdm_scripts
start_process

Outputs

simulations_order

Variables

Schedule

Est. Duration 0d0h1m

Settings

Auto Execute false

Auto Finish true

Script

Script
Write to Output Window true

Description

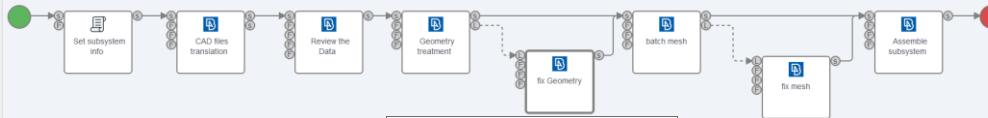
Description



Process Library

- Show: Everything Latest only
- | Name | Version |
|-----------------------------------|---------|
| CAD_Conversion | |
| Check Logs | |
| Create Simulations | |
| hpc_run_submission_and_monitoring | |
| Migrated | |
| mxn_node | |
| pex tests | |
| runApplicationsCustom | |
| Run Simulations in HPC | |
| Simulation Model Procurement | |
| tutorial_Create Run | |
| tutorial_Submit Run | |
| Validate Subsystem | |

Process Instance List Untitled Workflow* +



Save Workflow

Name: Build Subsystem

Type: Definition

OK Cancel

Running Process Selected Process

Save workflow

Details

Name	Value
Properties	
Name	
Package	
Version	
Attributes	
Initiator DM items	
System Attributes	
Creation Date	
Id	
Owner	
Type	
Inputs	
spdm_scripts	
start_process	
Outputs	
simulations_order	
Variables	
Schedule	
Est. Duration	0d0h1m
Settings	
Auto Execute	false
Auto Finish	true
Script	
Script	
Write to Output Window	true
Description	
Description	

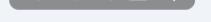


Process Library

Show: Everything Latest only

Name	Version
> Build Subsystem	
> CAD_Conversion	
> Check Logs	
> Create Simulations	
> hpc_run_submission_and_monitoring	
> Migrated	
> mxn_node	
> pex tests	
> runApplicationsCustom	
> Run Simulations in HPC	
> Simulation Model Procurement	
> tutorial_Create Run	
> tutorial_Submit Run	
> Validate Subsystem	

Process Instance List Untitled Workflow* +



Quick Search



Details

Name	Value
Attributes	
State	
Path	Build Subsystem
Initiator DM Items	
Description	
Description	
Properties	
Name	Build Subsystem
Package	Build Subsystem
Version	1.0
Settings	
Auto Delete	false
Statistics	
Start Date	
End Date	
Duration	
System Attributes	
Id	25582
Type	Workflow
Creation Date	11-Jul-2022 14:50:59
Owner	irene

Running Process X Selected Process X

Issues Management



Quick Search



Contents

parts

Subsystem

Simulation Model

Simulation_Run

Favourites

Preditors

TMP

Library Items

Library File

Loadcase File

Simulation Configuration Table

Loadcase Header

Loadcase_Template

META Session

Modular Environment Profiles

Library Files

20200406_VENZA_with_par

batch_mesh_sessions

connectors

customization

documents

for_del

plugins

training

< My Filters

Subsystem X +

Where Used Lifecycle Iteration

Search in DM

Contents

108_hood (Module Id)

> training (Project)

> venza (Project)

> a00 (Release)

> - (Variant)

> crash_fe (Representation)

> 108_hood_venza_a00_crash_fe_001

DM Modification Date

Owner

Id

24-Jan-2022 16:33:46

s.tzamtzis

53435

24-Jan-2022 16:38:34

s.tzamtzis

54758

> 108_hood_venza_a00_crash_fe_001 (lsDyna)

> 109_tailgate (Module Id)

> 115_engine (Module Id)

> 116_exhaust_line (Module Id)

1 - 100 of 159 | DM: http://172.24.48.99:34080/



Raise issue on data

Details References

Name Value

Name 108_hood_venza_a00_crash_fe_001

Status WIP

Comment

Owner s.tzamtzis

DM Modification Date 24-JAN-2022 16:38:34

DM Properties

Module Id 108_hood

Project venza

Release a00

Variant -

Iteration 001

Loadcase Variant -

Create New Issue

Issue DM Item 54758

Project venza

Release a00

Assignee Anagnostopoulos Konstantinos (k.anagnostopoulos)

Due date 8/12/2022

Summary Undefined materials in subsystem

Description

Type Bug

Priority Normal

Attachments

Drop files to attach or add (+) them

OK

X

Cancel



Contents

parts

Subsystem

Simulation Model

Simulation_Run

Favourites

Preditors

TMP

Library Items

Library File

Loadcase File

Simulation Configuration Table

Loadcase Header

Loadcase_Template

META Session

Modular Environment Profiles

Library Files

20200406_VENZA_with_par.^

batch_mesh_sessions

connectors

customization

documents

for_del

plugins

trainino

< >

My Filters



Subsystem X +

Where Used Lifecycle Iteration

Search in DM

Contents

108_hood (Module Id)

> training (Project)

> venza (Project)

> a00 (Release)

> - (Variant)

> crash_fe (Representation)

> 108_hood_venza_a00_crash

> 108_hood_venza_a00_crash

> 109_tailgate (Module Id)

> 115_engine (Module Id)

> 116_exhaust_line (Module Id)

1 - 100 of 159 | DM: http://172.24.48.99:34080/

Details References

Name	Value
Name	108_hood_venza_a00_crash
Status	WIP

Comment

Owner s.tzamtzis

DM Modification Date 24-JAN-2022 16:38:37

DM Properties

Module Id 108_hood

Project venza

Release a00

Variant -

Iteration 001

Loadcase Variant -

From Tzamtzis, Spyros <s.tzamtzis@beta-cae.com> ★

Subject (SPDRM Issue) Training-5: Undefined materials in Subsystem

To k.anagnostopoulos@beta-cae.com ★

Email notification triggered by: assignment

SPDRM/ Training-5 16

Undefined materials in Subsystem

[Open Issue in SPDRM](#)

Change By: k.anagnostopoulos

New Status: New

Issue Details

Project: Training

Release: -

Due Date: 12/08/2022

Type: Bug

Status: New

Change By: k.anagnostopoulos

Assignee gets notified

Quick Search



Quick Search



Contents

Subsystem X +

Where Used Lifecycle Iteration

Search in DM

- parts
- Subsystem
- Simulation Model
- Simulation_Run
- Favourites
- Predictors
- TMP

- Library Items
- Library File
- Loadcase File
- Simulation Configuration Table
- Loadcase Header
- Loadcase_Template
- META Session
- Modular Environment Profiles

- Library Files
- 20200406_VENZA_with_par.^
- batch_mesh_sessions
- connectors
- customization
- documents
- for_del
- plugins
- training

Identify issues

	Contents	DM Modification Date	Owner	Id
>	104_door_fr_venza_a00_crash_fe_001 (LsDyna)	24-Jan-2022 16:38:22	s.tzamtzis	54754
>	105_door_rr_training_dura_fe_001 (Nastran)	06-Nov-2020 18:07:51	s.tzamtzis	2338
>	105_door_rr_venza_a00_crash_fe_001	24-Jan-2022 16:33:32	s.tzamtzis	53429
>	105_door_rr_venza_a00_crash_fe_001 (LsDyna)	24-Jan-2022 16:38:04	s.tzamtzis	54748
>	108_hood_training_dura_fe_001 (Nastran)	06-Nov-2020 18:07:52	s.tzamtzis	2343
>	108_hood_venza_a00_crash_fe_001	24-Jan-2022 16:33:46	s.tzamtzis	53435
>	108_hood_venza_a00_crash_fe_001 (LsDyna)	24-Jan-2022 16:38:34	s.tzamtzis	54758
>	109_tailgate_training_dura_fe_001 (Nastran)	06-Nov-2020 18:07:54	s.tzamtzis	2348
>	109_tailgate_venza_a00_crash_fe_001	24-Jan-2022 16:31:03	s.tzamtzis	53402
>	109_tailgate_venza_a00_crash_fe_001 (LsDyna)	24-Jan-2022 16:34:59	s.tzamtzis	54716
>	115_engine_venza_a00_crash_fe_001	24-Jan-2022 16:33:54	s.tzamtzis	53441
>	115_engine_venza_a00_crash_fe_001 (LsDyna)	24-Jan-2022 16:38:52	s.tzamtzis	54766
>	116_exhaust_line_venza_a00_crash_fe_001	24-Jan-2022 16:32:46	s.tzamtzis	53413

1 - 100 of 159 | DM: http://172.24.48.99:34080/

Subsystems 100 | selected 1

Details References Issues

Overdue	Id	Business Id	Created	Resolved	Reporter	DM Item Name	Issue DM Item	Project	Release	Assignee	Due date	Summary	Type	Priority	Status
●	17	venza-2	12-Jul-2022	01-Jan-1970	zeta	108_hood_venza_a00_crash_fe_001	54758	venza	a00	k.anagnostopoulos	12-Aug-2022	Undefined materials in subsystem	Bug	Normal	New



Issues List



Quick Search



Overview	Business Id	Due date	Type	Priority	Status	DM Item Name	Summary	Assignee
●	P-1	24-Jun-2022 ...	Question	Normal	New	ForceonLATCH_p_r_001_01_01	Post-processing session availability	Irene Makropoulou (irene)
●	Training-1	27-Nov-2020 ...	Bug	High	Verified	102_door_fl_mats.k	Wrong materials curves	Spyros Tzamtzis (s.tzamtzis)
●	Training-2	11-Mar-2022 ...	Bug	Normal	New	102_door_fl_training_crash_fe_001	Wrong connectivity in connections	Spyros Tzamtzis (s.tzamtzis)
●	Training-3	30-Jun-2022 ...	Bug	Normal	New	101_biw_training_hd_crash_fe_002	Unexpected stress concentration in A-Pillars	Konstantinos Anagnostopoulos (k.anagnostopoulos)
●	Training-4	28-Jun-2022 ...	Bug	Urgent	In progress	validation_training_001_01_01	Error in post-processing session	Konstantinos Anagnostopoulos (k.anagnostopoulos)
●	Venza-1	24-Jun-2022 ...	Quality Check	Normal	Closed	105_door_rr_verza_a00_crash_fe_001	Subsystem validation required	Maria Papastavropoulou (m.papastavropoulou)
●	Venza-2	05-Jul-2022 0...	Bug	Normal	New	607041_003_EXTERIOR_PANEL_LT	Inconsistent PIDs reported for the same Part	Angelos Zografos (a.zografos)
●	Venza-3	23-Jun-2022 ...	Bug	Normal	New	154_radiator_verza_a00_crash_fe_001	Subsystem contents need update	Angelos Zografos (a.zografos)
●	Venza-4	07-Jul-2022 0...	Question	Low	Evaluation	crash_assembly_verza_a00_hd_crash_001	Reference material database?	Zeta Margelou (zeta)

Issues workspace

Training-4 Error in post-processing session

Details

Status	In progress	Assignee	Konstantinos Anagnostopoulos
Issue DM Item	83699	Reporter	Spyros Tzamtzis (s.tzamtzis)
Project	Training	Due date	28-Jun-2022 23:59:59
Release	-	Created	22-Jun-2022 13:49:37
Resolved			

Optional

Type	Bug
Priority	Urgent

Description

Seems that there is an error in the session that generates the simulation reports, most of the plots are empty.

References

Name: validation_training_001_01_01

Attachments

Comments

Spyros Tzamtzis (s.tzamtzis) 7 mins ago
Fix this ASAP please
Edit · Delete

Transitions

Type a comment and press Enter to add or switch to complex text edit through the...

Selected issue

Generic Script Actions



Quick Search

My Actions

- Input model definition
 - Compare
 - Import DOE
 - Machine Learning
-
- Monitor Simulation Run(s)
 - Validate Subsystem
 - Validation for Subsystems
 - Update Observable Jobs
 - Compare Subsystems in ANSA
 - Start Build Subsystem workflow
-
- List of SPDRM Actions

My Jobs

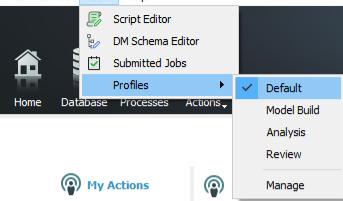
History

Bookmarks

Videos

Applications

Customization



Profiles

Profile Analysis Edit

Default Workspace Home

Database

Object Types

Contents

- Parts
- Subsystem
- Simulation Models**
- Loadcase
- Simulation Runs
- Predictors
- Optimization Studies
- DOE Studies

Library Items

- Simulation Configuration Table
- Loadcase Header
- Target Points
- Loadcase_Template
- META Session
- Library File
- Loadcase File

Features

- Fastener
- Stamp

Library Files

Context Menu Toolbar View Supporting Tabs

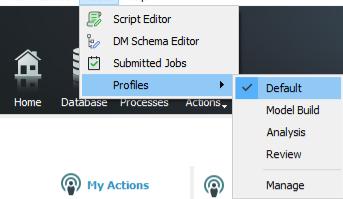
Available Actions

Name	Type
<input checked="" type="checkbox"/> Edit	Action
<input checked="" type="checkbox"/> Next Iteration	Action
-----	Separator
<input type="checkbox"/> Show in Viewer	Action
<input type="checkbox"/> Show	Action
<input type="checkbox"/> Hide	Action
<input type="checkbox"/> Show Only	Action
<input type="checkbox"/> > Clear Viewer	Group
-----	Separator
<input checked="" type="checkbox"/> User Actions	Group
-----	Separator
<input checked="" type="checkbox"/> Open Hierarchy in new Tab	Action
<input checked="" type="checkbox"/> > Open References Graph	Group
-----	Separator
<input checked="" type="checkbox"/> Simulate	Action
<input checked="" type="checkbox"/> New Parametric Scenario	Action
-----	Separator
<input checked="" type="checkbox"/> > SPDRM Actions	Group
-----	Separator
<input checked="" type="checkbox"/> Build contents	Action
<input checked="" type="checkbox"/> Compare Containers	Action

Menu

Name	Type
Edit	Action
Next Iteration	Action
-----	Separator
User Actions	Group
-----	Separator
Open Hierarchy in new Tab	Action
> Open References Graph	Group
-----	Separator
Simulate	Action
New Parametric Scenario	Action
-----	Separator
> SPDRM Actions	Group
-----	Separator
Build contents	Action
Compare Containers	Action
-----	Separator
Create Issue	Action
-----	Separator
> Reports	Group
-----	Separator
Delete	Action

OK Cancel Reset Preview



My Actions

My Jobs

History

Bookmarks

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Profile Analysis Edit

Default Workspace Home

Database

Object Types

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- META Session
- Library File
- Loadcase File

Features

- Fastener
- Stamp

Library Files

Context Menu Toolbar View Supporting Tabs

Available Actions

Name	Type
New	Action
Where Used	Action
Lifecycle	Action
Iteration	Action
Reports	Action
Logbook	

Toolbar

Name	Type
New	Action
Where Used	Action
Lifecycle	Action
Iteration	Action
Reports	Action

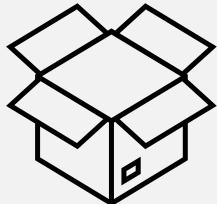
Preview

New Where Used Lifecycle Iteration Reports

OK Cancel

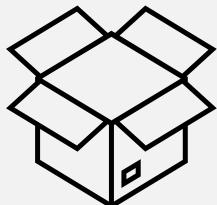
Product Info

Packaging



BETA_CAE_Systems_komvos_v23.0.0_win_x64.msi

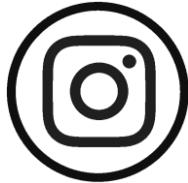
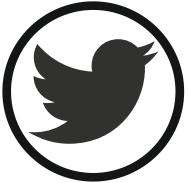
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BETA_CAE_Systems_v23.0.0_linux_x64.sh





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