

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4078	Design Space Exploration	Bug	Resolved	Normal	DSE Solution Validator Produces Wrong Results for Transformed Artifacts	Johannes Eder	10/23/2020 02:47 PM
4077	Design Space Exploration	Bug	New	Normal	Z3 solver produces contradicting solution states with the Java API and the smtlib interface	Johannes Eder	10/22/2020 11:28 AM
4076	AF3 Phoenix	Change Request	New	Normal	Reintegrate the Tutorial Service	Johannes Eder	10/22/2020 06:15 PM
4075	AF3 Phoenix	Change Request	New	Normal	Rework the ContextMenu- and the ActionService	Johannes Eder	10/21/2020 05:01 PM
4069	AF3 Phoenix	Support	New	Normal	Refresh AF3 examples for release	Johannes Eder	10/21/2020 05:32 PM
4067	AF3 Phoenix	Bug	Resolved	Normal	NPE in few cases if the CLI DSE is used	Alexander Diewald	10/12/2020 10:24 AM
4066	AF3 Phoenix	Bug	New	Normal	Binary Windows (x64) product: problems to resolve dependencies of Z3 DLLs	Johannes Eder	10/05/2020 11:52 AM
4065	AF3 Phoenix	Feature	New	Normal	Creating a No Migration Constraint - RISE	Saad bin Abid	10/01/2020 04:54 PM
4064	Design Space Exploration	Bug	Resolved	Normal	Synthesis View: Crash when opening without an imported project	Alexander Diewald	10/09/2020 05:11 PM
4055	AF3 Phoenix	Feature	New	Normal	[safety-use-case] Create safety case for ADAS in Rovers	Liana Soima	08/13/2020 04:40 AM
4053	AF3 Phoenix	Bug	Resolved	Normal	Add missing raspberry pi platform fx	Martin Eisenmann	08/18/2020 02:39 PM
4051	AF3 Phoenix	Feature	Resolved	Normal	Add support for parameters that can be read from a configuration file	Johannes Eder	08/20/2020 11:28 AM
4050	AF3 Phoenix	Feature	New	High	Reconfiguration: Prediction metamodel	Saad bin Abid	09/23/2020 04:21 PM
4047	AF3 Phoenix	Feature	In Progress	Normal	Reconfiguration synthesis related parameters for platform architecture	Saad bin Abid	09/11/2020 09:33 AM
4045	AF3 Phoenix	Feature	In Progress	Normal	Function Architecture	Saad bin Abid	10/20/2020 05:55 PM
4044	AF3 Phoenix	Change Request	New	Normal	Simulation OperatorPanels to JavaFX		07/20/2020 02:32 PM
4041	AF3 Phoenix	Change Request	New	Normal	Hardware optimization pattern: only list meaningful attributes	Johannes Eder	07/01/2020 01:29 PM
4040	AF3 Phoenix	Feature	New	Low	CPU load constraint.	Simon Barner	08/10/2020 04:56 PM
4039	AF3 Phoenix	Feature	New	Low	Bus load constraint	Simon Barner	08/10/2020 04:56 PM
4038	AF3 Phoenix	Feature	New	Normal	RAM Utilization Pattern	Johannes Eder	07/01/2020 01:18 PM
4037	AF3 Phoenix	Bug	New	Normal	Memory Utilization Pattern erroneously uses task RAM instead of Flash requirements	Johannes Eder	09/11/2020 06:15 PM
4036	AF3 Phoenix	Support	New	Low	Online help: improve header layout and navigation	Johannes Eder	07/01/2020 12:03 PM
4023	AF3 Phoenix	Change Request	New	Normal	Add type arguments to IConverters and IValidators	Alexander Diewald	05/15/2020 03:42 PM
4020	AF3 Phoenix	Change Request	Resolved	Normal	KISS View to JavaFX	Johannes Eder	08/13/2020 09:33 AM
4019	AF3 Phoenix	Change Request	New	Normal	LibraryView to JavaFX	Liana Soima	08/16/2020 09:48 AM
4016	AF3 Phoenix	Change Request	New	Normal	ScheduleView to JavaFX	Johannes Eder	10/21/2020 12:14 PM
4015	AF3 Phoenix	Change Request	Resolved	Normal	SimulationViews to JavaFX	Andreas Bayha	07/20/2020 11:49 AM
4014	AF3 Phoenix	Change Request	Resolved	Normal	AnnotationView to JavaFX	Johannes Eder	10/21/2020 10:23 AM
4013	AF3 Phoenix	Change Request	New	High	[UI] Collection task SWT based views -> JavaFX-based views	Johannes Eder	10/21/2020 05:01 PM
4011	AF3 Phoenix	Bug	Feedback	Normal	reaction field in the text display in operator panel not setting correctly	Saad bin Abid	08/10/2020 04:11 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4009	Design Space Exploration	Feature	In Progress	Normal	Add CPLEX support	Martin Eisenmann	04/25/2020 02:21 PM
4002	AF3 Phoenix	Feature	New	Normal	[FMI] Usability improvements	Tiziano Munaro	04/20/2020 10:42 AM
4001	AF3 Phoenix	Change Request	New	Low	[FMI] Redirect COE output / Hide COE output from the AF3 console	Tiziano Munaro	04/16/2020 09:37 AM
3996	AF3 Phoenix	Feature	New	Normal	Import capability for library elements	Johannes Eder	04/09/2020 05:51 PM
3988	AF3 Phoenix	Feature	New	Normal	MIRA: Validator duplicated IDs in FX editor	Andreas Bayha	04/03/2020 02:32 PM
3985	AF3 Phoenix	Bug	New	Normal	Removal of sticky ports does not work	Florian Hölzl	04/02/2020 02:33 PM
3982	AF3 Phoenix	Bug	New	Normal	Hier. Platform: At the tile level, the elements of the upper level are shown	Simon Barner	03/30/2020 08:02 PM
3979	AF3 Phoenix	Feature	New	Normal	[safety-maintenance] Automatic set using listeners	Liana Soima	08/13/2020 04:35 AM
3978	AF3 Phoenix	Change Request	New	Normal	[UI] Resolve code duplication in the link-method of link visuals	Tiziano Munaro	03/27/2020 06:31 PM
3966	AF3 Phoenix	Feature	New	Normal	Channel creation between components	Florian Hölzl	03/23/2020 06:06 PM
3965	AF3 Phoenix	Feature	New	Normal	Copy&Paste of components in component/diagram editor	Florian Hölzl	03/23/2020 05:57 PM
3958	AF3 Phoenix	Change Request	New	Normal	Migrate GlossaryEntry editor to FX or integrate in overview	Andreas Bayha	03/20/2020 11:49 AM
3957	AF3 Phoenix	Feature	New	Low	Improve Glossary integration	Andreas Bayha	03/20/2020 11:57 AM
3954	AF3 Phoenix	Bug	New	Normal	Model elements view unpredictably collapses and unfolds subtrees	Johannes Eder	05/11/2020 02:36 PM
3952	AF3 Phoenix	Bug	New	Normal	Color contrast in some JavaFX diagram editors is very low	Johannes Eder	05/11/2020 02:36 PM
3946	AF3 Phoenix	Change Request	New	Normal	Remove unused GEF/SWT editors/views	Johannes Eder	03/17/2020 02:48 PM
3944	AF3 Phoenix	Change Request	New	Normal	Define the safety standard by a property of the FileProject	Alexander Diewald	03/13/2020 05:25 PM
3942	AF3 Phoenix	Bug	New	Normal	MIRA UI: Usability Issues	Andreas Bayha	05/11/2020 02:36 PM
3941	AF3 Phoenix	Bug	New	Normal	Allocations editor: Creating a mapping in one tab removes all targets in the other tabs.	Johannes Eder	05/11/2020 02:36 PM
3940	AF3 Phoenix	Feature	In Progress	Normal	MIRA: Check for duplicated IDs in FX editor	Andreas Bayha	04/03/2020 02:38 PM
3937	AF3 Phoenix	Feature	New	Normal	MIRA: Display images in FX editor	Andreas Bayha	05/11/2020 10:47 AM
3936	AF3 Phoenix	Feature	New	Normal	Data State (FX) editor: Show elements of arrays and structs as children of the respective variables	Johannes Eder	08/10/2020 11:43 AM
3930	AF3 Phoenix	Feature	New	Normal	[LWFXEF] Provide utility methods for placing curves and their labels	Florian Hölzl	05/11/2020 10:47 AM
3928	AF3 Phoenix	Bug	New	Normal	[safety] The connectors on circle figures (solutions) do not work well	Carmen Carlan	05/11/2020 03:39 PM
3926	AF3 Phoenix	Bug	New	Normal	[Cosimulation] Complete re-implementation of the cosimulation logic required	Tiziano Munaro	05/11/2020 02:36 PM
3923	AF3 Phoenix	Bug	New	Normal	[Kernel / AF3 Component] Fix content to content link creation	Florian Hölzl	05/11/2020 02:36 PM
3922	AF3 Phoenix	Change Request	In Progress	Normal	ModelNavigatorView to JavaFX	Alexander Diewald	10/06/2020 02:19 PM
3919	AF3 Phoenix	Change Request	New	Normal	SourceEditorBase<T> to JavaFX		05/11/2020 10:47 AM
3917	AF3 Phoenix	Change Request	New	Normal	ArchitectureParameterEditorBase<A,T> to JavaFX	Alexander Diewald	05/18/2020 04:37 PM
3915	AF3 Phoenix	Change Request	In Progress	Normal	ModelListenerEditorBase<T> to JavaFX	Simon Barner	06/26/2020 05:08 PM
3911	AF3 Phoenix	Change Request	New	Normal	GlossaryEntryEditorBase to JavaFX		05/11/2020 10:47 AM

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3906	AF3 Phoenix	Change Request	New	Normal	[UI] Collection task to switch SWT based editors to the new JavaFX-based editors	Johannes Eder	08/10/2020 02:29 PM
3901	AF3 Phoenix	Change Request	New	Normal	[LWFXEF] Change default behavior of ControllerBase.allowLink()	Florian Hözl	05/11/2020 10:47 AM
3899	AF3 Phoenix	Feature	New	Normal	[UI] Introduce JavaFX-based code specification editor	Tiziano Munaro	05/11/2020 10:47 AM
3898	AF3 Phoenix	Feature	New	Normal	[LWFXEF] More options for javafx editors	Florian Hözl	05/11/2020 03:40 PM
3897	AF3 Phoenix	Change Request	New	Normal	Generalize base visuals for directed Connectors	Alexander Diewald	04/16/2020 05:32 PM
3896	AF3 Phoenix	Change Request	New	Normal	Support directed connectors in the kernel	Alexander Diewald	04/16/2020 05:32 PM
3895	AF3 Phoenix	Feature	New	Normal	fix an issue with different runtime environments	Tatiana Chuprina	12/09/2019 01:59 PM
3894	AF3 Phoenix	Feature	New	Normal	Separate DSR feature from MIRA into "Verification" plugin	Tatiana Chuprina	12/09/2019 01:57 PM
3889	AF3 Phoenix	Feature	New	Normal	[LWFXEF] Add more options for adding, modifying and displaying text	Florian Hözl	05/11/2020 10:47 AM
3877	AF3 Phoenix	Change Request	New	Normal	[UI] Move type checks and casts from LWFXEF visuals to a common base class within SystemFocus	Florian Hözl	05/11/2020 10:47 AM
3872	AF3 Phoenix	Feature	New	Normal	[AF3] Add auto-layout to AF3 LWFXE component editor.	Ludwig Dickmanns	05/11/2020 10:47 AM
3869	AF3 Phoenix	Feature	New	Normal	[Variability] OCL Test-View	Andreas Bayha	11/13/2019 06:08 PM
3868	AF3 Phoenix	Bug	New	Normal	[Kernel] LayoutDataUtils.setConnectorOffsetOrientation() causes NPE in LayoutDataUIUtils.getConnectorOrientation()	Florian Hözl	05/11/2020 02:36 PM
3862	AF3 Phoenix	Bug	New	Normal	[Variability] PresenceConditionLiterals are not checked not to contain Keywords	Andreas Bayha	05/11/2020 02:36 PM
3858	AF3 Phoenix	Feature	In Progress	Normal	DSRs integration with Simulink	Tatiana Chuprina	12/09/2019 01:59 PM
3857	AF3 Phoenix	Support	New	Normal	Document the memory mapping	Alexander Diewald	04/16/2020 05:14 PM
3855	AF3 Phoenix	Support	New	Normal	Extend documentation for partition architecture	Simon Barner	05/11/2020 03:41 PM
3851	AF3 Phoenix	Bug	New	Normal	[3D simulation] Composite issue for 3D simulation related bugs	Florian Hözl	05/11/2020 02:36 PM
3850	AF3 Phoenix	Bug	New	Normal	[eCar Example] OpenGL native call stuck on Win64	Florian Hözl	05/11/2020 02:36 PM
3849	AF3 Phoenix	Bug	New	Normal	[eCar Example] NPE when opening vehicel panel in simulation	Florian Hözl	05/11/2020 02:36 PM
3848	AF3 Phoenix	Bug	New	Normal	[eCar Example] NPE when starting simulation with already opened user panel	Florian Hözl	05/11/2020 02:36 PM
3844	Design Space Exploration	Change Request	New	Normal	Indicate model modification in DSE perspective.	Simon Barner	01/24/2020 12:04 PM
3843	AF3 Phoenix	Feature	New	Normal	Introduce Zoom control	Florian Hözl	05/11/2020 10:47 AM
3832	Design Space Exploration	Feature	Feedback	Normal	Construct Z3 functions prior to basic constraints	Johannes Eder	08/28/2020 01:59 PM
3831	AF3 Phoenix	Bug	New	Normal	Some model elements are not referenced by ID	Simon Barner	05/11/2020 02:36 PM
3805	AF3 Phoenix	Support	New	Normal	[safety-documentation] User documentation - some corrections	Carmen Carlan	08/26/2020 07:51 AM
3802	Design Space Exploration	Feature	New	Normal	Define GUI patterns for (non-periodic) timing constraints	Johannes Eder	08/06/2020 08:56 PM
3799	Design Space Exploration	Change Request	New	Normal	Enable only the execution of explorations for which all prerequisites are fulfilled	Tiziano Munaro	01/24/2020 12:04 PM
3797	Design Space Exploration	Feature	New	Normal	Enable editing DSE projects from the DSE navigator	Alexander Diewald	09/11/2020 05:03 PM

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3795	AF3 Phoenix	Feature	New	Low	[safety-reporting] Report in natural language	Carmen Carlan	08/10/2019 10:47 AM
3794	AF3 Phoenix	Feature	New	Low	[safety-reporting] Provide some metrics for a GSN-based argumentation diagram	Carmen Carlan	08/10/2019 10:46 AM
3790	AF3 Phoenix	Feature	In Progress	Normal	Variability in Logical Architecture	Andreas Bayha	05/11/2020 10:47 AM
3789	AF3 Phoenix	Feature	New	Normal	Checking OCL constraints using SMT solving	Andreas Bayha	08/05/2019 01:27 PM
3787	Design Space Exploration	Support	New	Normal	Enable quantifier unfolding by default	Tiziano Munaro	01/24/2020 12:09 PM
3786	AF3 Phoenix	Feature	New	Low	[safety-reporting] Generation of reports regarding a modeled assurance case	Carmen Carlan	08/10/2020 02:36 PM
3784	AF3 Phoenix	Feature	New	Normal	[safety-creation] Creating and manipulating safety cases	Carmen Carlan	09/12/2020 10:02 AM
3781	AF3 Phoenix	Feature	New	Low	[safety-maintenance] Maintenance reporting	Carmen Carlan	05/11/2020 10:47 AM
3775	AF3 Phoenix	Feature	In Progress	Low	[safety-creation] Automatic generation of argumentation from AF3 native system model elements (final)	Carmen Carlan	08/13/2020 04:01 AM
3769	Design Space Exploration	Feature	New	Normal	Adapt scheduling constraints to take advantage of alternative routes	Tiziano Munaro	01/24/2020 11:55 AM
3767	AF3 Phoenix	Support	Feedback	Normal	Cleanup dependencies by consistently using re-export.	Alexander Diewald	04/16/2020 05:14 PM
3759	AF3 Phoenix	Bug	Feedback	Normal	Nested structures in transformation		10/02/2019 09:00 AM
3753	AF3 Phoenix	Support	In Progress	Normal	[Documentation] Add developer documentation for safetycases	Carmen Carlan	05/11/2020 10:47 AM
3748	AF3 Phoenix	Change Request	New	Low	Improve the Parameter Table / Allocation Table documentation	Simon Barner	05/11/2020 03:41 PM
3745	AF3 Phoenix	Feature	In Progress	Normal	[safety-maintenance] Automatically set GSN node as challenged (change in referenced AF3 model)	Liana Soima	05/11/2020 10:47 AM
3744	AF3 Phoenix	Feature	In Progress	Normal	[safety-maintenance] Automatic challenge detection (change in GSN)	Liana Soima	09/19/2020 09:01 AM
3737	Design Space Exploration	Change Request	Resolved	Normal	Generate problem-specific constraint sets in the derived SolverRun constructors		09/11/2020 01:25 PM
3734	AF3 Phoenix	Bug	Feedback	Normal	[AF3 modes automata] Composite issue for bugs of mode automata	Florian Hölzl	05/11/2020 03:19 PM
3731	Design Space Exploration	Feature	New	Normal	Support multicast message deployment and scheduling	Simon Barner	09/10/2020 09:29 AM
3724	AF3 Phoenix	Feature	New	Normal	Unable to use SAT/SMT features of NuXMV		09/26/2019 02:03 PM
3723	AF3 Phoenix	Bug	New	Normal	Using Variables from Sub-componnets for framing Temporal Properties gives error		09/26/2019 02:16 PM
3722	AF3 Phoenix	Change Request	New	Normal	Overwrite the getIncoming/getOutgoing EOps of PlatformConnectorUnits	Alexander Diewald	04/16/2020 05:26 PM
3720	AF3 Phoenix	Change Request	New	Normal	The IConnectionCompositorService should return the created connection	Alexander Diewald	04/16/2020 05:27 PM
3712	AF3 Phoenix	Change Request	Feedback	Normal	Extend image export functionality from component architectures only to task and platform architectures	Tiziano Munaro	05/11/2020 11:42 AM
3708	Design Space Exploration	Feature	In Progress	High	Exploration of ExecutionUnit numbers as a variance-based exploration	Alexander Diewald	01/24/2020 11:54 AM
3707	Design Space Exploration	Feature	New	High	Platform exploration for the Hierarchical Platform	Alexander Diewald	01/24/2020 11:53 AM
3703	Design Space Exploration	Change Request	New	Normal	Enable unfolded quantification over subsets in SMT	Tiziano Munaro	01/24/2020 12:04 PM
3697	Design Space Exploration	Support	New	Normal	Move utility classes from exploration.smt.modeltransformation to exploration.smt.util	Alexander Diewald	01/24/2020 12:11 PM

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3694	Design Space Exploration	Feature	Feedback	Normal	Update and integrate the DseML text editor	Johannes Eder	08/12/2020 01:50 PM
3693	Design Space Exploration	Change Request	In Progress	Normal	Improve the Step/Target presentation of the DSE Navigator	Alexander Diewald	02/04/2020 01:24 PM
3691	Design Space Exploration	Feature	New	Normal	Extend the DseML to enable specifying non-existing model elements	Alexander Diewald	01/24/2020 11:53 AM
3689	Design Space Exploration	Feature	New	Normal	Extend the DseML to enable expressions to specify non-existing elements and attributes	Alexander Diewald	04/16/2020 11:29 AM
3674	AF3 Phoenix	Support	New	Normal	[MacOS - investigate Z3 library loading by rpath	Johannes Eder	08/12/2020 02:07 PM
3669	Design Space Exploration	Feature	New	Normal	Reenable the Allocation Validation (Tasks --> ExecUnits)	Alexander Diewald	01/24/2020 11:52 AM
3667	Design Space Exploration	Feature	New	Normal	Move the schedule latency minimization to a pattern	Alexander Diewald	01/24/2020 11:52 AM
3663	AF3 Phoenix	Change Request	New	Normal	Clean constraints in the component group		03/01/2019 02:57 PM
3662	AF3 Phoenix	Support	New	Normal	Timing Specification: Documentation	Simon Barner	05/11/2020 03:41 PM
3650	AF3 Phoenix	Feature	New	Normal	[New DSE project - #3482] The WCET table of TaskArchitectures is not available for DSE-generated Task->Partition->ExecutionUnit allocations	Alexander Diewald	04/16/2020 04:57 PM
3647	AF3 Phoenix	Support	New	Normal	refactor the classes for the transformation to flatten structures		09/26/2019 02:30 PM
3642	AF3 Phoenix	Bug	In Progress	Normal	Avoid missing and duplicated IDs	Simon Barner	05/11/2020 02:37 PM
3638	AF3 Phoenix	Change Request	New	Normal	Improve error reporting if a transformation chain fails	Florian Hölzl	04/16/2020 05:28 PM
3637	AF3 Phoenix	Bug	New	Normal	[Expression] Exception when running JUnit tests		10/07/2019 09:43 AM
3628	Design Space Exploration	Feature	New	Normal	Z3: Implement progress heuristics	Simon Barner	01/24/2020 11:52 AM
3619	AF3 Phoenix	Change Request	New	Normal	[code refactoring] create an interface for variables to values map		09/26/2019 02:31 PM
3616	AF3 Phoenix	Change Request	New	Normal	Introduce IRootElementContainer and avoid misuse of FileProject	Simon Barner	05/11/2020 10:47 AM
3609	AF3 Phoenix	Feature	New	Normal	Extend MCDG analysis to support structures		09/26/2019 02:31 PM
3607	AF3 Phoenix	Change Request	New	Normal	Review CurrentObjectiveContributionItem class in RCP Plug-in	Saad bin Abid	05/11/2020 10:47 AM
3597	AF3 Phoenix	Bug	New	Normal	STL OCRA contract verification not working on Windows		10/07/2019 09:44 AM
3595	Design Space Exploration	Change Request	New	Normal	Create a DSML interface for Set references	Alexander Diewald	04/16/2020 05:28 PM
3586	AF3 Phoenix	Change Request	New	Normal	[Property Sections] Improve the advanced type editor	Johannes Eder	04/16/2020 05:18 PM
3585	AF3 Phoenix	Change Request	New	Normal	[Property Sections] Validate the syntax of complex expression or disallow direct editing	Johannes Eder	04/16/2020 05:17 PM
3567	Design Space Exploration	Feature	Feedback	Normal	Implementation of Platform Exploration for the generic platform	Johannes Eder	01/24/2020 11:51 AM
3563	AF3 Phoenix	Bug	New	Normal	Concurrency and background tasks in constraint checker	Saad bin Abid	05/11/2020 02:36 PM
3554	Design Space Exploration	Change Request	New	Normal	Cleanup DSML w.r.t. newly added Functions	Johannes Eder	08/06/2020 09:04 PM
3551	Design Space Exploration	Change Request	New	Normal	In the formulation of a scheduling problem, replace ResourceAllocations with Tasks and Signals	Johannes Eder	08/06/2020 09:02 PM
3547	Design Space Exploration	Change Request	New	Normal	Check/fix identifier names generation in Z3	Johannes Eder	08/06/2020 09:04 PM
3543	AF3 Phoenix	Feature	New	Normal	Merge Quantitative with GSN to ADT	Vivek Nigam	05/11/2020 10:47 AM
3527	AF3 Phoenix	Bug	Feedback	Low	Data Dictionary: Erroneous error marker for duplicated enumeration values	Florian Hölzl	05/11/2020 03:22 PM

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3522	AF3 Phoenix	Feature	New	Normal	Security Simulator	Vivek Nigam	05/11/2020 10:47 AM
3515	AF3 Phoenix	Bug	New	Normal	Cursor "jumping" when using "undo" in the Code Spec editor	Saad bin Abid	05/11/2020 02:36 PM
3509	AF3 Phoenix	Support	New	Normal	rework OCRA refinement		05/13/2019 02:10 PM
3507	AF3 Phoenix	Support	In Progress	Normal	[documentation] Add developer documentation for af3.mode, af3.operatorpanel, af3.application	Johannes Eder	02/04/2020 04:07 PM
3497	AF3 Phoenix	Bug	Feedback	Normal	FV does not work when array index is a variable		10/02/2019 09:00 AM
3495	AF3 Phoenix	Feature	New	Normal	[safety-creation] SACM compliance	Carmen Carlan	08/13/2020 04:33 AM
3494	AF3 Phoenix	Feature	New	Low	[safety-interoperability] Button to export xml file of SACM-compliant safety case	Carmen Carlan	07/28/2019 10:03 PM
3493	AF3 Phoenix	Feature	New	Low	[safety-interoperability] Button to import xml file of SACM-compliant safety case	Carmen Carlan	07/28/2019 10:03 PM
3487	AF3 Phoenix	Change Request	New	Normal	Refresh editor when creating a behavior		05/13/2019 02:11 PM
3477	AF3 Phoenix	Feature	New	Normal	MCDC implementation	Ludwig Dickmanns	10/09/2019 02:29 PM
3476	AF3 Phoenix	Feature	New	Normal	implement gestTestCases() for MCDC	Ludwig Dickmanns	05/13/2019 02:11 PM
3469	AF3 Phoenix	Support	New	Normal	Cleanup Constraint metamodel	Saad bin Abid	06/03/2019 11:48 AM
3468	AF3 Phoenix	Change Request	New	Normal	Unify the emptyOrAlreadyExists in several aspects	Saad bin Abid	05/13/2019 02:08 PM
3462	AF3 Phoenix	Feature	New	Normal	Fault Tree Analysis (FTA) for Safety and Security Plugin		05/13/2019 02:04 PM
3458	AF3 Phoenix	Feature	New	Normal	Import Wizard	Florian Hölzl	04/16/2020 05:33 PM
3453	Design Space Exploration	Feature	New	High	[JavaFX] Migrate the table visualization	Alexander Diewald	04/16/2020 11:22 AM
3450	Design Space Exploration	Feature	New	High	[JavaFX] Migrate the visualization view	Alexander Diewald	08/12/2020 02:06 PM
3434	Design Space Exploration	Feature	New	High	[JavaFX] Migration of the DSE Perspective to JavaFX	Alexander Diewald	08/24/2020 02:30 PM
3430	AF3 Phoenix	Support	New	Low	[documentation] Add developer documentation for af3.exploration.alg	Alexander Diewald	04/16/2020 05:14 PM
3426	AF3 Phoenix	Support	New	Normal	All requirements are not conflicting	Saad bin Abid	06/03/2019 11:50 AM
3425	Analysis	Feature	New	Normal	Safety and Security Analysis		05/13/2019 02:04 PM
3424	AF3 Phoenix	Change Request	New	Normal	Constraints: Refactor common interpretation of results		05/13/2019 02:08 PM
3417	AF3 Phoenix	Feature	New	Normal	AMALTHEA / APP4MC Importer	Alexander Diewald	04/16/2020 04:57 PM
3412	AF3 Phoenix	Bug	New	Normal	bounds check fails for strongly causal component		10/07/2019 09:44 AM
3411	AF3 Phoenix	Support	New	Normal	rethink bounds check design		05/13/2019 02:08 PM
3407	AF3 Phoenix	Feature	New	Normal	Use Z3 for non-determinism check		05/13/2019 02:08 PM
3396	AF3 Phoenix	Support	New	Normal	[documentation] Developer Documentation	Johannes Eder	05/11/2020 03:42 PM
3361	Design Space Exploration	Change Request	In Progress	Normal	Scheduling synthesis does not support routing	Simon Barner	05/11/2020 10:47 AM
3342	AF3 Phoenix	Bug	New	Normal	UI freezes when contract constraint is enabled and guard is modified		10/07/2019 09:45 AM
3336	AF3 Phoenix	Change Request	New	Low	Document support for nested commands in CommandStackService	Florian Hölzl	05/13/2019 02:10 PM
3331	AF3 Phoenix	Support	New	Normal	Changes in constraint mechanism		05/13/2019 02:08 PM

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3330	AF3 Phoenix	Support	New	Normal	cancelling formal verification constraints		05/13/2019 02:08 PM
3324	AF3 Phoenix	Feature	New	Normal	Optional Ports	Andreas Bayha	05/13/2019 02:08 PM
3315	AF3 Phoenix	Change Request	Resolved	Normal	BindingStrategy should "bind" and not just deactivate	Andreas Bayha	05/13/2019 02:08 PM
3313	AF3 Phoenix	Bug	Feedback	Normal	Catch exceptions for OCRA constraints		10/02/2019 09:00 AM
3303	AF3 Phoenix	Feature	New	Normal	Enable VariationPoint to be deactivated	Andreas Bayha	05/13/2019 02:08 PM
3290	Design Space Exploration	Bug	New	Normal	Axis selection in the DSE visualization is not kept when switching visualizations	Johannes Eder	01/24/2020 12:10 PM
3288	AF3 Phoenix	Feature	New	Low	Update feature in AF3	Simon Barner	03/09/2020 12:04 PM
3284	Design Space Exploration	Change Request	New	Normal	Convert the IDSEBackend to a non-stateful interface	Alexander Diewald	01/24/2020 11:57 AM
3282	AF3 Phoenix	Feature	In Progress	Normal	AF3 Variability Layer	Andreas Bayha	05/13/2019 02:08 PM
3272	AF3 Phoenix	Feature	New	Normal	Optional Requirements	Andreas Bayha	05/13/2019 02:08 PM
3260	AF3 Phoenix	Support	New	Normal	update simple traffic light AF3 tour for OCRA contract		05/13/2019 02:08 PM
3258	Design Space Exploration	Feature	New	High	Hardware Platform Exploration	Alexander Diewald	01/15/2020 04:26 PM
3253	Design Space Exploration	Bug	Feedback	Normal	Implement hashCode methods for DSML elements implementing "equals"	Johannes Eder	05/11/2020 03:26 PM
3234	AF3 Phoenix	Support	New	Normal	RequirementParameterDefinition in Mira	Saad bin Abid	05/13/2019 02:08 PM
3233	Analysis	Support	New	Low	Inefficiency in checking contract against implementation		05/13/2019 02:08 PM
3231	Analysis	Feature	Feedback	Normal	include all subcontracts for refinement		06/03/2019 03:48 PM
3226	AF3 Phoenix	Support	New	Normal	Implement a common editor class for implementing the list for relationships between non-functional and functional requirements	Saad bin Abid	05/13/2019 02:08 PM
3189	AF3 Phoenix	Feature	New	Normal	graphical perspective for process	Saad bin Abid	10/02/2019 12:50 PM
3187	AF3 Phoenix	Feature	New	Normal	[OBC-SA] Code Generation		12/04/2017 01:57 AM
3186	AF3 Phoenix	Feature	New	Normal	[OBC-SA]VMIT Generation		01/26/2018 10:30 AM
3185	AF3 Phoenix	Feature	New	Normal	[OBC-SA] Create a OBC-SA Technical Architecture		12/04/2017 01:58 AM
3184	AF3 Phoenix	Feature	New	Normal	[OBC-SA]Temporal Partitioning		11/22/2017 10:37 PM
3183	AF3 Phoenix	Feature	New	Normal	[OBC-SA]Spatial Partitioning (1:1)		11/22/2017 12:41 AM
3181	AF3 Phoenix	Feature	Feedback	Normal	[OBC-SA] Code and Config Generation for PikeOS		12/04/2017 02:10 AM
3180	AF3 Phoenix	Support	New	Normal	[FV Transformation] Factorize the first block of the transformation		05/13/2019 02:08 PM
3170	AF3 Phoenix	Feature	In Progress	Normal	[safety-creation] Revival of safety case typed patterns	Liana Soima	10/23/2020 01:28 PM
3158	AF3 Phoenix	Feature	New	Low	[safety-usability] Choose text size in GSN nodes	Carmen Carlan	07/28/2019 10:04 PM
3157	AF3 Phoenix	Support	Feedback	Normal	[safety-documentation] Documentation for safety cases	Saad bin Abid	06/09/2020 06:04 PM
3145	AF3 Phoenix	Change Request	In Progress	Normal	Annotation View: Performance improvements	Simon Barner	05/11/2020 10:47 AM
3140	AF3 Phoenix	Bug	New	High	@SuppressWarnings("restriction") in ApplicationActionBarAdvisor		05/11/2020 02:36 PM
3137	AF3 Phoenix	Support	New	Normal	objective dependence		11/07/2017 10:58 AM
3133	AF3 Phoenix	Bug	New	Normal	Process: there is at least one constraint		10/07/2019 09:42 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
3131	AF3 Phoenix	Feature	New	Normal	Upcoming Objective combo-box invisible if no upcoming objective available	Saad bin Abid	10/08/2019 05:20 PM
3124	AF3 Phoenix	Support	New	Normal	Constraint: duplicated requirement	Saad bin Abid	10/02/2019 12:19 PM
3121	AF3 Phoenix	Bug	In Progress	Normal	Flushing out the constraint instances from XMI file	Saad bin Abid	10/02/2019 11:20 AM
3118	AF3 Phoenix	Feature	New	Normal	constraints and process from building a DO-178C compliant set of requirements		01/23/2018 03:59 PM
3117	AF3 Phoenix	Feature	New	Normal	constraints and process from building a certification argument		01/23/2018 03:59 PM
3114	AF3 Phoenix	Support	New	Normal	Statistics of the satisfied constraints per group	Saad bin Abid	05/13/2019 02:09 PM
3109	AF3 Phoenix	Feature	New	Normal	Saving Constraints Configuration for the Reuse	Saad bin Abid	05/13/2019 02:08 PM
3108	AF3 Phoenix	Bug	New	Normal	Counterexample interpretation of enum values		10/07/2019 09:45 AM
3106	AF3 Phoenix	Support	New	Normal	refactor analysis facade		05/13/2019 02:08 PM
3100	AF3 Phoenix	Feature	In Progress	Normal	warnings for the constraint system		03/07/2018 03:04 PM
3099	AF3 Phoenix	Support	New	Normal	bound reached on model checking		05/13/2019 02:08 PM
3098	AF3 Phoenix	Feature	New	Normal	Static checks for a process	Saad bin Abid	10/02/2019 12:20 PM
3095	AF3 Phoenix	Feature	In Progress	Normal	Overview of the successful constraints per group	Saad bin Abid	12/09/2017 09:53 PM
3092	AF3 Phoenix	Feature	In Progress	Normal	fine grained of calculation of percentage of completion of objective		10/24/2017 04:17 PM
3089	AF3 Phoenix	Support	New	Normal	refactor NuSMVRunner		05/13/2019 02:08 PM
3083	AF3 Phoenix	Change Request	New	Normal	Annotation View: Highlighting of rows and columns is sometimes counter-intuitive	Simon Barner	05/11/2020 10:47 AM
3078	AF3 Phoenix	Support	New	Normal	Error marker should propagate over hierarchy of the tree view	Saad bin Abid	10/02/2019 12:20 PM
3077	AF3 Phoenix	Support	In Progress	Normal	Design architecture Traceable artifacts	Saad bin Abid	05/13/2019 02:08 PM
3073	AF3 Phoenix	Feature	New	Normal	Nice error when OCRA is missing		05/13/2019 02:08 PM
3072	AF3 Phoenix	Bug	New	Normal	Endless loop when OCRA is not installed		10/07/2019 09:46 AM
3057	AF3 Phoenix	Feature	New	Normal	Constraint for interface of FMU components		05/13/2019 02:08 PM
3039	AF3 Phoenix	Feature	In Progress	Normal	process enactment		10/27/2017 11:05 AM
3024	AF3 Phoenix	Feature	New	Normal	[Constraint] port bound		10/08/2019 09:37 AM
3022	Analysis	Feature	New	Normal	Analysis Collection issue		10/02/2019 09:01 AM
3009	AF3 Phoenix	Feature	In Progress	Normal	[safety-maintenance] Safety Case Maintenance	Liana Soima	08/11/2020 06:18 AM
3000	AF3 Phoenix	Feature	In Progress	Normal	[GeneVa] Check Feature Model for correctness	Andreas Bayha	05/13/2019 02:08 PM
2998	AF3 Phoenix	Feature	In Progress	Normal	[GeneVa] Feature Model Editor	Andreas Bayha	05/13/2019 02:08 PM
2984	AF3 Phoenix	Feature	New	Normal	parameters in simulation and testing	Andreas Bayha	05/13/2019 02:04 PM
2951	AF3 Phoenix	Bug	New	Normal	[constraint triggering] just pressing enter in the transition actions triggers verification	Saad bin Abid	05/11/2020 02:36 PM
2935	Design Space Exploration	Feature	In Progress	Normal	MOEA-DSE Migration	Alexander Diewald	01/15/2020 04:25 PM
2928	AF3 Phoenix	Bug	New	Normal	[Constraint] constraint triggered when opening the component	Saad bin Abid	05/11/2020 02:36 PM



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2927	AF3 Phoenix	Bug	New	Normal	[Constraint] constraints not triggered on changing the causality	Saad bin Abid	05/11/2020 02:36 PM
2908	AF3 Phoenix	Change Request	In Progress	Normal	ComponentArchitecture should not be a IFunctionScope	Florian Hözl	05/13/2019 02:08 PM
2907	AF3 Phoenix	Feature	In Progress	Normal	[Check] New constraint to ensure that every signal defined in requirement should exist in the component architecture	Saad bin Abid	05/13/2019 02:04 PM
2901	AF3 Phoenix	Feature	New	Normal	Math Support	Andreas Bayha	05/13/2019 02:04 PM
2890	AF3 Phoenix	Feature	In Progress	Normal	Parameters shall be usable in expressions	Andreas Bayha	05/13/2019 02:04 PM
2886	AF3 Phoenix	Feature	New	Normal	[Constraint-based process] order the constraints	Saad bin Abid	05/13/2019 02:04 PM
2885	AF3 Phoenix	Feature	In Progress	Normal	[Trace] Constraint to ensure a component matches its functional requirement interface	Saad bin Abid	05/13/2019 02:04 PM
2873	AF3 Phoenix	Change Request	New	Normal	Safety level information is a complete mess	Florian Hözl	05/13/2019 02:08 PM
2872	AF3 Phoenix	Support	New	Normal	Doc: add a clear link to the source svn (with public credentials) to the main webpage	Andreas Bayha	05/13/2019 02:10 PM
2864	AF3 Phoenix	Bug	In Progress	Normal	[Constraint]bounds constraint failure error message		10/07/2019 09:47 AM
2861	AF3 Phoenix	Feature	New	Normal	[Constraints] Take functions into account		10/07/2019 09:46 AM
2857	AF3 Phoenix	Feature	New	Normal	"Go to definition" Context menu		05/13/2019 02:04 PM
2852	AF3 Phoenix	Feature	New	Normal	[OBC-SA] All Issues		11/21/2017 12:50 AM
2850	AF3 Phoenix	Feature	New	Normal	[OBC-SA] Einbindung von externen C-Dateien		02/20/2017 02:15 PM
2849	AF3 Phoenix	Feature	New	Normal	[OBC-SA] Middleware API File		02/20/2017 02:15 PM
2841	AF3 Phoenix	Bug	New	Normal	Hitting enter in textboxes does not loose focus	Vivek Nigam	05/11/2020 02:36 PM
2803	AF3 Phoenix	Feature	New	Normal	[FMI] Support Visual Studio for FMI export		05/13/2019 02:09 PM
2787	AF3 Phoenix	Feature	In Progress	Normal	[Generic variability plugin] Variability in Platform-Architecture	Andreas Bayha	05/13/2019 02:09 PM
2774	AF3 Phoenix	Bug	New	Normal	[Expression] Structural equality for expressions	Florian Hözl	03/05/2018 10:33 AM
2770	AF3 Phoenix	Change Request	New	Normal	[OperatorPanel] Remove type from GraphViewer	Andreas Bayha	05/13/2019 02:04 PM
2736	AF3 Phoenix	Support	New	Normal	Timeout is observed while running NuXMV		05/13/2019 02:09 PM
2703	AF3 Phoenix	Feature	New	Normal	[constraints] onActivate handler		05/13/2019 02:09 PM
2687	AF3 Phoenix	Feature	New	Normal	[Generic variability plugin] Generic UI	Andreas Bayha	05/13/2019 02:09 PM
2686	AF3 Phoenix	Feature	New	Normal	Generic variability plugin	Andreas Bayha	05/11/2020 10:47 AM
2680	AF3 Phoenix	Support	New	Normal	[safety-documentation] Do a tutorial and screncast on the GSN Editor	Carmen Carlan	08/13/2020 04:23 AM
2673	AF3 Phoenix	Change Request	New	Normal	Add compositor constraints to ensure that at most one ExecutionUnit or TransmissionUnit is linked to a single Transceiver	Simon Barner	05/11/2020 10:47 AM
2672	AF3 Phoenix	Feature	New	Normal	[Conti] DSEProject		08/09/2016 05:00 PM
2667	AF3 Phoenix	Bug	New	Normal	ConstraintCheckerService does not perform all registered ConstraintChecks	Andreas Bayha	05/11/2020 02:36 PM
2659	AF3 Phoenix	Feature	New	Low	[UI] Visualization of Virtual Links	Simon Barner	05/29/2019 02:18 PM
2657	AF3 Phoenix	Support	New	Normal	[Analysis] fake enum values in nusmv enums		05/13/2019 02:09 PM

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2620	AF3 Phoenix	Feature	In Progress	Normal	Constraint-based development process		05/13/2019 02:04 PM
2588	AF3 Phoenix	Feature	New	Normal	[GUI] Multi-line components	Florian Hözl	06/13/2018 04:27 PM
2566	AF3 Phoenix	Change Request	In Progress	Low	KISS: ObjectAware2ServiceBase and ObjectAwareServiceBase to inherit from IIntrospectiveKernelService	Florian Hözl	05/13/2019 02:09 PM
2398	AF3 Phoenix	Change Request	New	High	Improve the export of the DataDictionary (or its subtypes) to libraries		05/13/2019 02:04 PM
2347	AF3 Phoenix	Bug	In Progress	Normal	[UI] Avoid that copied model elements are added as children of the original selection	Simon Barner	05/11/2020 02:37 PM
2343	AF3 Phoenix	Feature	New	Normal	Handle complex copy&paste operations in the tooling plugins	Alexander Diewald	12/14/2017 10:50 AM
2332	AF3 Phoenix	Support	New	Normal	MIRA: rework MIRA documentation	Saad bin Abid	05/13/2019 02:10 PM
2306	AF3 Phoenix	Feature	New	Normal	Safe Plugin Integration		01/26/2018 11:22 AM
2284	AF3 Phoenix	Change Request	Feedback	Normal	[Kernel] Provide generic keyboard shortcut facility	Andreas Bayha	05/11/2020 11:35 AM
2270	AF3 Phoenix	Feature	In Progress	Normal	EObjectAwareServiceBase: Provide accumulating implementation of getRegisteredHandlers()	Florian Hözl	05/13/2019 02:09 PM
2234	AF3 Phoenix	Change Request	New	Normal	Refactor compositors to allow state-based implementation of canConnect() / connect() etc.	Florian Hözl	03/05/2018 11:30 AM
2183	AF3 Phoenix	Support	In Progress	High	[patch] ElementCompositorService: emit custom notification after finalization of compose() / decompose	Florian Hözl	05/13/2019 02:09 PM
2145	AF3 Phoenix	Feature	New	Normal	Allow C files as a specification		05/13/2019 02:09 PM
2128	AF3 Phoenix	Feature	New	Normal	[Analyses/Simulation] Looping simulations		05/13/2019 02:09 PM
2078	AF3 Phoenix	Support	New	Normal	DSE-related documentation		05/13/2019 02:10 PM
1957	AF3 Phoenix	Change Request	In Progress	Normal	Check all places where Auto-completion could be improved/implemented	Andreas Bayha	05/13/2019 02:04 PM
1912	AF3 Phoenix	Bug	New	Normal	Property window disappears	Saad bin Abid	10/02/2019 11:23 AM
1762	AF3 Phoenix	Feature	New	Normal	Model checking clean components of a not-clean model		05/13/2019 02:09 PM
1595	AF3 Phoenix	Support	New	Normal	JUnit Tests for SMT-based Deployment		05/13/2019 02:04 PM
1536	AF3 Phoenix	Bug	New	Normal	Sorting of Data Dictionary element.	Saad bin Abid	05/11/2020 02:36 PM
1508	AF3 Phoenix	Bug	New	Normal	Text Display Reactions does not check the guards	Tatiana Chuprina	05/11/2020 02:36 PM
1491	AF3 Phoenix	Bug	New	Normal	Intuitive binding of (undo/redo) actions	Florian Hözl	05/11/2020 02:36 PM
1028	AF3 Phoenix	Bug	In Progress	Normal	Bad identifier for data state variables possible (was: Data State Variables Exception)	Florian Hözl	05/11/2020 02:37 PM