

## Issues

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
3993	MicroTESK	Task	New	Normal	Description of the nML translator	Alexander Kamkin	Andrei Tatarnikov	
4016	MicroTESK	Task	New	Normal	The nML Language Reference	Alexander Kamkin	Andrei Tatarnikov	
4061	MicroTESK	Task	New	Normal	Support for endianness	Andrei Tatarnikov	Andrei Tatarnikov	2.2
4161	MicroTESK	Bug	New	Normal	Observing the design state via addressing modes	Andrei Tatarnikov	Andrei Tatarnikov	2.2
4778	TestBase	Task	Open	Urgent	Low-level interface for adding test situations (named constraints)	Alexander Kamkin	Andrei Tatarnikov	0.0
4804	TestBase	Task	New	Normal	Manual description of test situations in Java and XML	Alexander Kamkin	Andrei Tatarnikov	0.0
4805	TestBase	Task	New	Normal	Top-level test situations of instructions	Alexander Kamkin	Andrei Tatarnikov	0.0
4814	MicroTESK	Task	New	Normal	Refactoring of L-expressions and memory model	Alexander Kamkin	Andrei Tatarnikov	2.2
4900	MicroTESK	Task	New	High	Printing information on the model should be possible	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5192	MicroTESK	Task	New	Normal	Assert constructions to check the model state during and after simulation	Andrei Tatarnikov	Andrei Tatarnikov	
5193	MicroTESK	Feature	New	Low	Test templates in Python	Andrei Tatarnikov	Andrei Tatarnikov	
5301	MicroTESK	Task	New	Normal	Description of the Java template interface	Alexander Kamkin	Andrei Tatarnikov	2.2
5311	MicroTESK	Task	New	Normal	Shortcuts for getting modes from templates	Alexander Kamkin	Andrei Tatarnikov	2.2
5377	Fortress	Feature	Open	Normal	Не поддерживается работа с несколькими CalculatorEngine	Alexander Kamkin	Andrei Tatarnikov	0.4
5421	Fortress	Task	Open	Normal	Utility methods on expression nodes	Artem Kotsynyak	Andrei Tatarnikov	0.4
5428	MicroTESK	Task	Open	High	Stabilization of source code representation	Alexander Kamkin	Andrei Tatarnikov	2.2
5529	Fortress	Task	New	High	Использовать префиксы для указания основания в строковом представлении числовых данных	Artem Kotsynyak	Andrei Tatarnikov	0.4
5596	Fortress	Feature	New	Low	Генерация случайных значений, удовлетворяющих определённым условиям	Igor Melnichenko	Andrei Tatarnikov	0.4
5652	MicroTESK	Task	New	High	Better examples of test templates using test situations	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5659	MicroTESK	Bug	New	High	Function 'trace' should accept addressing modes as arguments	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5671	MicroTESK	Bug	New	Urgent	Robustness of test template processing logic must be improved	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5674	MicroTESK	Task	New	Urgent	Description of test data generation mechanisms (test situation processing, constraint solving)	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5677	MicroTESK	Task	New	Urgent	Examples of templates demonstrating how to create combinatorial tests	Andrei Tatarnikov	Andrei Tatarnikov	2.2
5752	MicroTESK	Task	New	Normal	Support for macro	Alexander Kamkin	Andrei Tatarnikov	2.2
5783	MicroTESK	Bug	New	High	Problems with multiple concatenation	Mikhail Chupilko	Andrei Tatarnikov	2.2
5785	MicroTESK	Task	New	Normal	Too much diagnostics on misprintings	Mikhail Chupilko	Andrei Tatarnikov	2.2
5813	MicroTESK	Bug	New	Normal	Support of instance call in left part of assignment	Mikhail Chupilko	Andrei Tatarnikov	
5966	MicroTESK	Bug	New	Normal	mark shell scripts as executable in the distribution tar.gz archive	Sergey Smolov	Andrei Tatarnikov	2.2
5990	MicroTESK	Bug	New	High	Memory state must be taken into account when generating test data	Andrei Tatarnikov	Andrei Tatarnikov	2.2
6025	MicroTESK	Bug	New	Normal	Usage of format with signed values	Mikhail Chupilko	Andrei Tatarnikov	2.2

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6064	MicroTESK	Task	New	Normal	Translator support for exporting symbols in marks	Alexander Kamkin	Andrei Tatarnikov	2.2
6068	MicroTESK	Task	New	Normal	Description of complex situations	Alexander Kamkin	Andrei Tatarnikov	2.2
6194	MicroTESK	Bug	New	Normal	Automated extraction of addressable unit size	Andrei Tatarnikov	Andrei Tatarnikov	
6223	MicroTESK	Task	New	Normal	User-defined template-oriented extensions (plugins)	Alexander Kamkin	Andrei Tatarnikov	2.3
6261	MicroTESK	Bug	New	Low	write method (segment)	Alexander Protsenko	Andrei Tatarnikov	
6326	MicroTESK	Bug	New	High	If an nml file contains no operations, translation fails with NPE	Alexander Kamkin	Andrei Tatarnikov	2.3
6329	MicroTESK	Bug	New	Normal	java.lang.NullPointerException at ru.ispras.microtesk.mmu.translator.MmuTreeWalkerBase.newAttributeRef(MmuTreeWalkerBase.java:940)	Alexander Kamkin	Andrei Tatarnikov	2.3
6333	MicroTESK	Bug	New	Normal	NmlTreeWalker.g: node from line 0:0 no viable alternative at input	Alexander Kamkin	Andrei Tatarnikov	2.3
6345	MicroTESK	Task	New	Normal	Support floating-point numbers in trace "".	Alexander Protsenko	Andrei Tatarnikov	
6378	MicroTESK	Bug	New	Normal	No way to jump from epilogue to a label defined in prologue	Alexander Kamkin	Andrei Tatarnikov	
6379	MicroTESK	Bug	New	Normal	Using if-then-else in syntax causes an error	Alexander Kamkin	Andrei Tatarnikov	2.3
6380	MicroTESK	Bug	New	Normal	Possibility to specify initial values for registers	Andrei Tatarnikov	Andrei Tatarnikov	2.3
6423	Fortress	Task	New	Low	to_real, to_int, is_int operations	Sergey Smolov	Andrei Tatarnikov	0.4
6461	MicroTESK	Task	New	Normal	Support for inline comments	Alexander Kamkin	Andrei Tatarnikov	2.3
6911	MicroTESK	Bug	New	Urgent	The "get_address_of" method must work with all label types.	Andrei Tatarnikov	Andrei Tatarnikov	2.3
7218	MicroTESK	Bug	New	Normal	extraneous input 'op' expecting ID	Alexander Protsenko	Andrei Tatarnikov	
7229	MicroTESK	Bug	New	Normal	Unsupported assignment to mode	Mikhail Chupilko	Andrei Tatarnikov	
7251	MicroTESK	Bug	New	High	A warning or error is needed when a value is truncated	Andrei Tatarnikov	Andrei Tatarnikov	2.3
7313	MicroTESK	Bug	New	High	Analysis for input/output parameters	Mikhail Chupilko	Andrei Tatarnikov	
7401	MicroTESK	Bug	New	Normal	int_to_float is not supported for constant expressions	Alexander Protsenko	Andrei Tatarnikov	
7403	MicroTESK	Bug	New	Normal	The expression cannot be evaluated to a boolean value	Alexander Protsenko	Andrei Tatarnikov	
7418	MicroTESK	Bug	New	Urgent	Reset the state of the model before starting generating a new test program file	Andrei Tatarnikov	Andrei Tatarnikov	2.3
7561	Fortress	Task	New	Normal	ISampleConstraint: 'getExpectedVariables' returns value that is ignored in junit tests	Sergey Smolov	Andrei Tatarnikov	0.4
7564	MicroTESK	Task	New	Normal	"How to build MicroTESK" guide for developers in project Wiki	Sergey Smolov	Andrei Tatarnikov	
7603	MicroTESK	Bug	New	High	List of plug-ins must be stored in etc/settings.xml	Andrei Tatarnikov	Andrei Tatarnikov	2.3
7685	MicroTESK	Bug	New	Urgent	warning(24): template error: context [/outputFile /parser /genericParser /region_/genericParser__members /region_/genericParser__members] 32:3 no such property or can't access:	Alexander Kamkin	Andrei Tatarnikov	2.4
7711	MicroTESK	Bug	New	Normal	JavaDoc warning on Java 1.8	Alexander Kamkin	Andrei Tatarnikov	2.4
8060	MicroTESK	Bug	New	Normal	Attributes image and syntax and static instances	Andrei Tatarnikov	Andrei Tatarnikov	
8061	MicroTESK	Bug	New	Normal	Position of all blocks, calls, data etc. in test templates must be tracked to provide better debugging	Andrei Tatarnikov	Andrei Tatarnikov	2.4

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8186	MicroTESK	Task	New	Normal	Full support for 'struct' in nml	Alexander Protsenko	Andrei Tatarnikov	
8481	MicroTESK	Task	New	Urgent	Need a way to specify the termination addresss for the test program.	Andrei Tatarnikov	Andrei Tatarnikov	2.4
8587	MicroTESK	Feature	New	Normal	ISA subsets	Sergey Smolov	Andrei Tatarnikov	
8691	MicroTESK	Task	New	Normal	Sign- and zero-extend functions in preparators	Alexander Kamkin	Andrei Tatarnikov	2.4
8693	MicroTESK	Task	New	Normal	Construct sizeof(type)	Alexander Kamkin	Andrei Tatarnikov	2.4
8694	MicroTESK	Bug	New	Normal	Parsing an empty *.mmu file causes NullPointerException	Alexander Kamkin	Andrei Tatarnikov	2.4
8695	MicroTESK	Bug	New	Normal	Parsing an mmu-file with no mmu declaration causes IllegalArgumentException	Alexander Kamkin	Andrei Tatarnikov	2.4
8696	MicroTESK	Bug	New	Normal	Parsing an mmu-file with empty read and write definitions causes IllegalArgumentException	Alexander Kamkin	Andrei Tatarnikov	2.4
8697	MicroTESK	Bug	New	Normal	Type mismatch in an mmu file causes NullPointerException	Alexander Kamkin	Andrei Tatarnikov	2.4
9170	MicroTESK	Bug	New	Normal	int_to_float is not supported for constant expressions	Alexander Protsenko	Andrei Tatarnikov	