

Issues

| # | Project | Tracker | Status | Priority | Subject | Author | Assignee | Target version |
|------|-----------|---------|--------|----------|--|---------------------|-------------------|----------------|
| 8481 | MicroTESK | Task | New | Urgent | Need a way to specify the termination addresses for the test program. | Andrei Tatarnikov | Andrei Tatarnikov | 2.4 |
| 7418 | MicroTESK | Bug | New | Urgent | Reset the state of the model before starting generating a new test program fle | 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 |
| 6911 | MicroTESK | Bug | New | Urgent | The "get_address_of" method must work with all label types. | Andrei Tatarnikov | Andrei Tatarnikov | 2.3 |
| 4778 | TestBase | Task | Open | Urgent | Low-level interface for adding test situations (named constraints) | Alexander Kamkin | Andrei Tatarnikov | 0.0 |
| 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 |
| 7603 | MicroTESK | Bug | New | High | List of plug-ins must be stored in etc/settings.xml | Andrei Tatarnikov | Andrei Tatarnikov | 2.3 |
| 7313 | MicroTESK | Bug | New | High | Analysis for input/output parameters | 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 |
| 6326 | MicroTESK | Bug | New | High | If an nml file contains no operations, translation fails with NPE | Alexander Kamkin | Andrei Tatarnikov | 2.3 |
| 5529 | Fortress | Task | New | High | Использовать префиксы для указания основания в строковом представлении числовых данных | Artem Kotsynyak | Andrei Tatarnikov | 0.4 |
| 5990 | MicroTESK | Bug | New | High | Memory state must be taken into account when generating test data | Andrei Tatarnikov | Andrei Tatarnikov | 2.2 |
| 5783 | MicroTESK | Bug | New | High | Problems with multiple concatenation | Mikhail Chupilko | Andrei Tatarnikov | 2.2 |
| 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 |
| 5428 | MicroTESK | Task | Open | High | Stabilization of source code representation | 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 |
| 9170 | MicroTESK | Bug | New | Normal | int_to_float is not supported for constant expressions | Alexander Protsenko | Andrei Tatarnikov | |
| 8697 | MicroTESK | Bug | New | Normal | Type mismatch in an 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 |
| 8694 | MicroTESK | Bug | New | Normal | Parsing an empty *.mmu file causes NullPointerException | 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 |
| 8693 | MicroTESK | Task | New | Normal | Construct sizeof(type) | Alexander Kamkin | Andrei Tatarnikov | 2.4 |
| 8691 | MicroTESK | Task | New | Normal | Sign- and zero-extend functions in preparators | Alexander Kamkin | Andrei Tatarnikov | 2.4 |
| 8587 | MicroTESK | Feature | New | Normal | ISA subsets | Sergey Smolov | Andrei Tatarnikov | |
| 8186 | MicroTESK | Task | New | Normal | Full support for 'struct' in nml | Alexander Protsenko | Andrei Tatarnikov | |

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| 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 |
| 8060 | MicroTESK | Bug | New | Normal | Attributes image and syntax and static instances | Andrei Tatarnikov | Andrei Tatarnikov | |
| 7711 | MicroTESK | Bug | New | Normal | JavaDoc warning on Java 1.8 | Alexander Kamkin | Andrei Tatarnikov | 2.4 |
| 6378 | MicroTESK | Bug | New | Normal | No way to jump from epilogue to a label defined in prologue | Alexander Kamkin | Andrei Tatarnikov | |
| 5192 | MicroTESK | Task | New | Normal | Assert constructions to check the model state during and after simulation | Andrei Tatarnikov | Andrei Tatarnikov | |
| 6194 | MicroTESK | Bug | New | Normal | Automated extraction of addressable unit size | Andrei Tatarnikov | Andrei Tatarnikov | |
| 7564 | MicroTESK | Task | New | Normal | "How to build MicroTESK" guide for developers in project Wiki | Sergey Smolov | Andrei Tatarnikov | |
| 7561 | Fortress | Task | New | Normal | ISampleConstraint: 'getExpectedVariables' returns value that is ignored in junit tests | Sergey Smolov | Andrei Tatarnikov | 0.4 |
| 7403 | MicroTESK | Bug | New | Normal | The expression cannot be evaluated to a boolean value | Alexander Protsenko | Andrei Tatarnikov | |
| 7401 | MicroTESK | Bug | New | Normal | int_to_float is not supported for constant expressions | Alexander Protsenko | Andrei Tatarnikov | |
| 7229 | MicroTESK | Bug | New | Normal | Unsupported assignment to mode | Mikhail Chupilko | Andrei Tatarnikov | |
| 7218 | MicroTESK | Bug | New | Normal | extraneous input 'op' expecting ID | Alexander Protsenko | Andrei Tatarnikov | |
| 6461 | MicroTESK | Task | New | Normal | Support for inline comments | Alexander Kamkin | Andrei Tatarnikov | 2.3 |
| 6380 | MicroTESK | Bug | New | Normal | Possibility to specify initial values for registers | Andrei Tatarnikov | Andrei Tatarnikov | 2.3 |
| 6379 | MicroTESK | Bug | New | Normal | Using if-then-else in syntax causes an error | 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 |
| 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 |
| 6345 | MicroTESK | Task | New | Normal | Support floating-point numbers in trace "". | Alexander Protsenko | Andrei Tatarnikov | |
| 5421 | Fortress | Task | Open | Normal | Utility methods on expression nodes | Artem Kotsyniak | Andrei Tatarnikov | 0.4 |
| 5377 | Fortress | Feature | Open | Normal | Не поддерживается работа с несколькими CalculatorEngine | Alexander Kamkin | Andrei Tatarnikov | 0.4 |
| 6223 | MicroTESK | Task | New | Normal | User-defined template-oriented extensions (plugins) | Alexander Kamkin | Andrei Tatarnikov | 2.3 |
| 5785 | MicroTESK | Task | New | Normal | Too much diagnostics on misprintings | Mikhail Chupilko | Andrei Tatarnikov | 2.2 |
| 6068 | MicroTESK | Task | New | Normal | Description of complex situations | Alexander Kamkin | Andrei Tatarnikov | 2.2 |
| 6064 | MicroTESK | Task | New | Normal | Translator support for exporting symbols in marks | Alexander Kamkin | Andrei Tatarnikov | 2.2 |
| 6025 | MicroTESK | Bug | New | Normal | Usage of format with signed values | Mikhail Chupilko | Andrei Tatarnikov | 2.2 |
| 5752 | MicroTESK | Task | New | Normal | Support for macro | Alexander Kamkin | Andrei Tatarnikov | 2.2 |
| 5966 | MicroTESK | Bug | New | Normal | mark shell scripts as executable in the distribution tar.gz archive | Sergey Smolov | Andrei Tatarnikov | 2.2 |
| 4805 | TestBase | Task | New | Normal | Top-level test situations of instructions | 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 |
| 5813 | MicroTESK | Bug | New | Normal | Support of instance call in left part of assignment | Mikhail Chupilko | Andrei Tatarnikov | |

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| 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 |
| 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 |
| 4814 | MicroTESK | Task | New | Normal | Refactoring of L-expressions and memory model | Alexander Kamkin | Andrei Tatarnikov | 2.2 |
| 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 | |
| 5596 | Fortress | Feature | New | Low | Генерация случайных значений, удовлетворяющих определённым условиям | Igor Melnichenko | Andrei Tatarnikov | 0.4 |
| 6423 | Fortress | Task | New | Low | to_real, to_int, is_int operations | Sergey Smolov | Andrei Tatarnikov | 0.4 |
| 6261 | MicroTESK | Bug | New | Low | write method (segment) | Alexander Protsenko | Andrei Tatarnikov | |
| 5193 | MicroTESK | Feature | New | Low | Test templates in Python | Andrei Tatarnikov | Andrei Tatarnikov | |