

## MicroTESK - Task #5666

### Estimate generation speed

03/03/2015 10:38 AM - Andrei Tatarnikov

<b>Status:</b>	Closed	<b>Start date:</b>	03/03/2015
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Alexander Kamkin	<b>% Done:</b>	0%
<b>Category:</b>	Test Engine	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.1	<b>Spent time:</b>	0.00 hour
<b>Detected in build:</b>	svn	<b>Published in build:</b>	150324
<b>Description</b>			
Performance benchmarks and corresponding examples are needed.			

### History

#### #1 - 03/10/2015 06:18 AM - Alexander Kamkin

Simple example leads to:

- Randomization with no constraint solving; intensive ruby-java interaction:  
1.75\*10<sup>6</sup> instructions / 110 sec ~ 1.59\*10<sup>3</sup> / sec ~ 1.37\*10<sup>9</sup> / day.
- Constraints; intensive ruby-java-solver interaction; each solver invocation = creation of intermediate file and launching Z3:  
5\*10<sup>4</sup> instruction / 177 sec ~ 282 / sec ~ 2.44\*10<sup>7</sup> / day.

More realistic examples are required.

#### #2 - 03/12/2015 08:45 AM - Alexander Kamkin

- Subject changed from [generator] Estimate generation speed to Estimate generation speed
- Category set to Test Engine
- Status changed from New to Resolved
- Assignee set to Alexander Kamkin
- Target version set to 2.1

#### #3 - 03/24/2015 06:17 PM - Andrei Tatarnikov

- Status changed from Resolved to Closed
- Published in build set to 150324