

Note to the editor: The proposal is based on the changes made in Mantis 1591.

Please note that `$changed` should be listed in 19.1 as well under 19.11 heading.

16.8.3 Sampled value functions

REPLACE

```
$rose( expression [, [clocking_event]])
$fell( expression [, [clocking_event]])
$stable( expression [, [clocking_event]])
$past( expression1 [, [number_of_ticks]] [, [expression2] [,
[clocking_event]]])
```

WITH

```
$rose( expression [, [clocking_event]])
$fell( expression [, [clocking_event]])
$stable( expression [, [clocking_event]])
$changed( expression [, [clocking_event]])
$past( expression1 [, [number_of_ticks]] [, [expression2] [,
[clocking_event]]])
```

REPLACE

Three functions are provided to detect changes in sampled values: `$rose`, `$fell`, and `$stable`.

WITH

~~Three~~ The following functions are provided to detect changes in sampled values: `$rose`, `$fell`, ~~and~~ `$changed`, and `$stable`.

REPLACE

— `$stable` returns true if the value of the expression did not change. Otherwise, it returns false.

WITH

— `$stable` returns true if the value of the expression did not change. Otherwise, it returns false.
— `$changed` returns true if the value of the expression changed. Otherwise, it returns false.

19.11 Assertion system functions

REPLACE

Three functions are provided for assertions to detect changes in values between two adjacent clock ticks.

```
$rose( expression [, [clocking_event]])
$fell( expression [, [clocking_event]])
$stable( expression [, [clocking_event]])
```

WITH

~~Three~~ The following functions are provided for assertions to detect changes in values between two adjacent

clock ticks.

```
$rose( expression [, [clocking_event]])  
$fell( expression [, [clocking_event]])  
$stable( expression [, [clocking_event]])  
$changed( expression [, [clocking_event]])
```

REPLACE

Functions \$sampled, \$rose, \$fell, \$stable, and \$past are discussed in 16.8.3.

WITH

Functions \$sampled, \$rose, \$fell, \$stable, \$changed, and \$past are discussed in 16.8.3.