

Bugs using if in functions callings.

```
appVersion(4) = "0.99.7610.506"
```

Function with a function as parameter.

$$g(u, v, f(x, y)) := 5 \cdot f(u, v)$$

Call without if's

$$f(x, y) := \begin{cases} a := 1 \cdot (x \leq y) - 1 \cdot (x > y) \\ 2 \cdot a \end{cases}$$
$$g(3, 4, f(x, y)) = 10$$
$$g(4, 3, f(x, y)) = -10$$

Call with an if.

$$f(x, y) := \begin{cases} \text{if } x > y \\ \quad a := -1 \\ \text{else} \\ \quad a := 1 \\ 2 \cdot a \end{cases}$$
$$g(3, 4, f(x, y)) = \blacksquare$$
$$g(4, 3, f(x, y)) = \blacksquare$$

lastError = "x - not defined."

Call with cases().

$$f(x, y) := \begin{cases} \begin{cases} a := -1 & \text{if } x > y \\ a := 1 & \text{otherwise} \end{cases} \\ 2 \cdot a \end{cases}$$
$$g(3, 4, f(x, y)) = 10$$
$$5 \cdot f(3, 4) = 10$$

$$g(4, 3, f(x, y)) = 10$$

Wrong

$$5 \cdot f(4, 3) = -10$$

$$f(x, y) := \begin{cases} a := \begin{cases} -1 & \text{if } x > y \\ 1 & \text{otherwise} \end{cases} \\ 2 \cdot a \end{cases}$$
$$g(3, 4, f(x, y)) = 10$$
$$g(4, 3, f(x, y)) = -10$$

Ok

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