



```
proc upsize_cell nn {
#nn = n143
#dn = instance of the driving cell -> U234
    set dn [get_object name [get_flat_cells -of objects [get_pins [all_connected $nn -leaf ] -filter "direction == out"]]]
#drn = reference name of the the instance cell = NAND2X1_HVT
    set drn [get_attribute [get_flat_cells $dn] ref_name]
    puts "driver_name : $dn driver_ref_name : $drn"
#size_cell U234 NAND2X2_HVT
|
    regexp -nocase {(.*X)([0-9]+)(.*)} $drn temp rn ds vt

    if {$ds == 0} {
        set ds 1
    } else {
        set ds [expr $ds*2]
    }

size_cell $dn $rn$ds$vt
set drn [get_attribute [get_cell $dn] ref_name]
puts "driver_name : $dn new_ref_name : $drn"
}

##### proc ends #####

set file_name ./outputs/reports/PLACEMENT_both/mtv_apo.txt
set fh_read [open $file_name r]
set m 0
set n 0
set i 0
while {[gets $fh_read line]>=0} {
    if {[length $line] == 5} {
        incr i
        puts "\n iteration : $i"
        set net_name [lindex $line 0]
        set flag [catch {upsized_cell $net_name}]
        if {$flag == 0} {
            puts "upsized is done successfully"
            incr m
        } else {
            puts "failed to upsize"
            incr n
        }
    }
}

puts "Number of cells upsized $m"
puts "number of cells failed to upsize $n"
```

-- INSERT --

9,1

All

yeswan@vlsigur... IC Compiler II - ... upsized_driver_1... placement_flow... [upsized_driver... insert_buffer.tc... insert_buffer... func_max.tcl (~... flow.tcl (~/.pd_a... bottle_neck_ce... floorplan.tcl (~/.f...

