



```
#pt_shell -multi_scenario -output_log_file ./outputs/24Apr.log
```

```
file delete -force ./work
set multi_scenario_working_directory ./work
set multi_scenario_merged_error_log ./work/error_log.txt
set_host_options -name my_hosts -num_processes 2 [info hostname] -max_cores 1
create_scenario -image ./sessions/func_max.session/ -name func_max
create_scenario -image ./sessions/func_min.session/ -name func_min
start_hosts
current_session -all
#set_eco_scenarios -ignore -type {setup} {func_min}
#set_eco_scenarios -ignore -type {hold} {func_max}
check_eco
```

```
##### MAX_TRANS #####
```

```
report_constraints -max_transition -all_violators -significant_digits 5
fix_eco_drc -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -physical_mode occupied_site -type max_transition

fix_eco_drc -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -type max_transition -unfixable_reasons_format text -unfixable_reasons_prefix mtv

remote_execute {
set_eco_options -physical_enable_clock_data
}

fix_eco_drc -type max_transition -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT } -cell_type clock_network

report_constraints -max_transition -all_violators -significant_digits 5
```

```
##### MAX_CAP #####
```

```
report_constraints -max_capacitance -all_violators -significant_digits 5

fix_eco_drc -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -physical_mode occupied_site -type max_capacitance

fix_eco_drc -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -type max_capacitance -unfixable_reasons_format text -unfixable_reasons_prefix mcv

fix_eco_drc -type max_capacitance -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT } -cell_type clock_network

report_constraints -max_capacitance -all_violators -significant_digits 5
```

```
##### XTALK #####
```

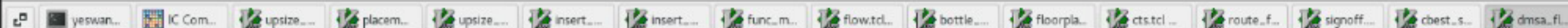
```
report_noise -nworst_pins 10

fix_eco_drc -type noise -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT}

fix_eco_drc -type delta_delay -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -delta_delay_threshold 0.01
```

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```
##### XTALK #####
```

```
report_noise -nworst_pins 10
```

```
fix_eco_drc -type noise -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT}
```

```
fix_eco_drc -type delta_delay -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -delta_delay_threshold 0.01
```

```
fix_eco_drc -type delta_delay -buffer_list {NBUFFX2_RVT NBUFFX4_RVT NBUFFX8_RVT NBUFFX16_RVT} -delta_delay_threshold 0.01 -cell_type clock_network
```

```
##### SETUP #####
```

```
report_global_timing
```

```
fix_eco_timing -type setup -physical_mode occupied_site
```

```
fix_eco_timing -type setup -physical_mode occupied_site -verbose
```

```
fix_eco_timing -type setup -cell_type sequential
```

```
##### HOLD #####
```

```
report_global_timing
```

```
fix_eco_timing -type hold -physical_mode occupied_site -buffer_list {NBUFFX2_HVT NBUFFX4_HVT NBUFFX8_HVT NBUFFX16_HVT NBUFFX32_HVT}
```

```
report_analysis_coverage
```

```
##### Output #####
```

```
if {0} {  
write_changes -format icc2tcl -output ./outputs/Multi_scenario.tcl
```

```
#IN ICC2
```

```
source ../PRIMETIME/outputs/Multi_scenario.tcl
```

```
check_legality
```

```
legalize_placement -incremental
```

```
check_legality
```

```
connect_pg_net
```

```
route_eco -utilize_dangling_wires true -reuse_existing_global_route true -reroute modified_nets_first_then_others
```

```
check_routes
```

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