eco commands

用于在insertion添加eco逻辑进去。

不建议使用process_top_module_connections命令，这个命令是站在顶层，然后穿层次到模块里面的信号的连接，会自动开port连接，不是一个好的tile flow

1. create_instance

2. create_module

3. create_net

4. create_port

5. create_pin

6. intercept_connection

这个命令好用，用于在某个位置添加MUX或and或加buffer取反这些都很方便
而且还可以抽取ICL

```
intercept_connection node -cell_function_name  function_name
[-technology dft_cell_selection_name]
[-input2 input2_source] [-select select_source]
[-leaf_instance_prefix prefix_name]
[-only_when_has_functional_source]
```

7. create_connections

8. delete_connections

```
delete_connections obj_spec [-within] [-silent]

如果不带-within 是删除ojb instance outside外部的连线,
带-within, 就是删除ojb inside内部的连线。
```

9. move_connections

```
move_connections -from obj_spec1 -to obj_spec2 [-net_name net_name] [-
silent]

If the object within obj_spec1 a PIN:
The command moves the net connected to this pin to the pin specified in
obj_spec2 and the pin in obj_spec1 is left unconnected.
```

10. get_dft_cell

```
命令
get_dft_cell clock_buffer  -cell_selection_name tech_name_1
结果
{my_buff}
```

```
命令
get_dft_cell and -input 4
结果
{and_4}
```

eco feed through

思路：

为了ECO修改后模块尽量可重用，即模块内部修改一模一样，可以提前先放一批cell到模块里面，然后再用ECO进行连线。

connect.tar.gz

get nets

```
get_nets [name_patterns] [-below_instances instance_objects]
[-of_pins pin_objects | -of_ports port_objects | -of_gate_pins
gate_pin_objects |-of_pseudo_ports pseudo_port_objects] [-bundle]
[-hierarchical] [-filter attribute_equation] [-regexp] [-nocase] [-silent]


get_nets [name_patterns]  获得net名为pattern的net
get_nets -of_pins xxxpin   获取net跟pin相对应的net net名与pin名名字一样
如果想获取pin 外面连线名，可用get_fanout -stop_on net
```