```
pq_node
# pert_children
# pert leaves
# is endmost
# father
# mark
# sons
# pos
# Ipos
# n
# id
# up
# up_id
# pq node()
# ~pq_node()
# kind()
# partial()
# full()
# write()
# clear()
#P()
# Q()
# D()
# L()
    q_node
pert_beginpert_end

    partial pos

- pert cons
- partial count
- full count
- q_node()
partial()

    full()

kind()
write()
clear()
- P()
- Q()
- D()
- L()
pertinent()
- merge()
turn()
```