

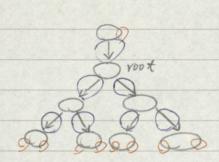
10) Every node have two outgoing pointers, so if there are N nodes, there must have an pointers. However, root have an incoming.

pointer from its parent. This result that the total pointers are

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N-1, and the remaining null pointers are N+1.

ex: N= 8



SN-1 pointers = 7 pointers.

N+1 null pointer = 9 pointers

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=> to add another level, the number of node will be 2N+1 #