```
DofObject
      -_n_systems: unsigned char
      -_n_vars: unsigned char *
      -_n_comp: unsigned char **
      -_dof_ids: unsigned int **
      -_id: unsigned int
       _processor_id: unsigned short int
          Node
                               Elem
#_nodes: Node **
#_neighbors: Elem **
#_parent: Elem *
#_children: Elem **
#_*flag: RefinementState
#_p_level: unsigned char
#_subdomain_id: unsigned char
+n_{faces, sides, vertices, edges, children}(): unsigned int
+centroid(): Point
+hmin, hmax(): Real
  NodeElem
                                            InfQuad
                                                        InfCell
                Edge
                         Face
                                  Cell
                                   Pyramid
             Prism
                         Hex
                Hex8
                             Hex20
                                         Hex27
```