```
TreeNode< T, N >
    - data
    - level
    - children

    parent

    - child_num

    split_mode

    + TreeNode()
    + TreeNode()
    + TreeNode()
    + TreeNode()
    + get_child_pointer()
+ set_child_pointer()
+ get_child_num()
    + set_child_num()
    + increase_child_num()
    + decrease_child_num()
    + Parent()
    + Parent()
    + get_data_pointer()
    + get_data_pointer()
    + get_data_reference()
    + get_data_reference()
    + get_level()
+ set_level()
+ is_leaf()
    + is root()
    + get_split_mode()
    + set_split_mode()
    + operator==()
      TreeNode()
    * TreeNode()
    * TreeNode()
    * TreeNode()
    * get_child_pointer()
* set_child_pointer()
* get_child_num()
* set_child_num()
    * increase_child_num()
    * decrease_child_num()
      Parent()
    * Parent()
     get_data_pointer()
get_data_pointer()
      get_data_reference()
    * get_data_reference()
    * get_level()
      set_level()
    * is_leaf()
* is_root()
    * get_split_mode()
     set_split_mode()
      operator==()
                    < BlockCluster< spacedim,</p>
                    Number >, BlockClusterTree
                   < spacedim, Number >::child_num >
TreeNode< BlockCluster
< spacedim, Number >,
BlockClusterTree< spacedim,
    Number >::child_num >
- data

    level

    children

    parent

child_num

    split_mode

+ TreeNode()
+ TreeNode
+ TreeNode()
+ TreeNode()
+ TreeNode()
+ get child pointer()
+ set_child_pointer()
+ get_child_num()
+ set_child_num()
+ increase_child_num()
+ decrease_child_num()
+ Parent()
+ Parent()
+ get_data_pointer()
+ get_data_pointer()
+ get_data_reference()
+ get_data_reference()
+ get_level()
+ set_level()
+ is_leaf()
+ is_root()
+ get_split_mode()
+ set_split_mode()
+ operator==()
* TreeNode()
* TreeNode()
* TreeNode()
* TreeNode()
* get_child_pointer()
* set_child_pointer()
* get_child_num()
* set_child_num()
```

* increase_child_num()
* decrease_child_num()

* get_data_pointer()
* get_data_pointer()
* get_data_reference()
* get_data_reference()
* get_level()
* get_level()

* Parent()
* Parent()

* set_level() * is_leaf() * is_root()

* get_split_mode()
* set_split_mode()
* operator==()