

# delete\_child

The **delete\_child** message is sent to delete an editable node from the metadata tree. The attribute *include\_children=true* indicates that children should be deleted also.

## Delete a Node in the Tree

To delete a node in the tree, the sequence of events is as follows:

1. The client specifies a leaf, folder or container to be deleted.
2. The Ontology server performs the following steps:
  - a. Parses the node information to obtain the key / table\_cd
  - b. Query the TABLE\_ACCESS table for the table name associated with the TABLE\_CD.
  - c. Update the metadata table to delete the corresponding node and its synonyms.
  - d. If *include\_children = true* then also delete the children of this node.
1. The client removes the leaf, folder or container.

## delete\_child Request Message

This message requires the user to specify the node to be deleted. No additional attribute settings are necessary.

**Example:**

```
<message_body include_children="true">
<ns6:delete_child>
<level>1</level>
<key>\\i2b2\Custom Ontology\Test folder{color:#0000ff}</key>
<name>Test folder</name>
<synonym_cd>N</synonym_cd>
<basecode />
</ns6:delete_child>
</message_body>
```

## delete\_child Response Message

A **status type** of *DONE* or *ERROR* is specified in the response header. No specialized *<message\_body>* is returned to the client.