

getchildren

The **get_children** message returns all the children of a particular folder. A client may want a list of all the children in order to expand a node of the workplace tree when a user is browsing through the tree.

Populating Children of Tree Nodes

The **get_children** message is used to populate tree nodes in the Workplace view. In both of these cases the table / index (root) to search are known. The sequence of events is as follows:

1. The client sends a message with the following settings:

type = core
blob = true

1. WORK server performs the following steps:
 - a. Parses *<parent>* to obtain the table_cd and index. Queries WORKPLACE_ACCESS table for the table name associated with the table_cd.
 - b. Query WORKPLACE table returned above for all entries with parent_index = index.
1. Client receives a list of children and populates the tree.

get_children Request Message

The **get_children** message implies that the user is passing a key / index for a parent and wants the children returned. The parent tag will tell the service what metadata table / index to search in and for the **get_children** message must be specified. The structure of a parent is organized as follows:
\\table_key\\index

So *<parent>\\asthma\\22</parent>* equates to the metadata table that maps to the key "*asthma*" plus the index "22" to search for. *Attributes* provide information about the results to be returned. The "*blob*" attribute indicates whether or not to return the blob and for this feature must be set to true.

```
<message_body>
<get_children blob="true">
<parent>\\asthma\\22</parent>
</get_children>
</message_body>
```

Possible "blob" Settings

Value	Description	Example
false	Do not return data stored as a blob or clob	xml, comments
true	Return xml and comments.	

- *The "blob" setting must be set to true for this feature.*

get_children Response Message

The request has the following settings:
blob=true

Response Message:

```
<message_body>
<folders>
<folder>
<name>CONCEPTS</name>
<index>\\asthma\2</index>
<parentIndex>1</parentIndex>
<visualAttributes>FA</visualAttributes>
<tooltip>FOLDER:Concepts</tooltip>
<groupId>Demo</groupId>
<shareId/>
<statusCd/>
<userId>lcp</userId>
<workXml/>
<workXmlSchema/>
<workXmlI2B2Type/>
</folder>
<folder>
<name>Patient Sets</name>
<index>\\asthma\8</index>
<parentIndex>1</parentIndex>
<visualAttributes>FA</visualAttributes>
<tooltip>FOLDER:Patient Sets</tooltip>
<groupId>Demo</groupId>
<shareId/>
<statusCd/>
<userId>lcp</userId>
<workXml/>
<workXmlSchema/>
<workXmlI2B2Type/>
</folder>
</folders>
</message_body>
```