add_modifier

The **add_modifier** message provides information about a metadata modifier to be added to the database. An add_modifier message implies that the user is adding a modifier leaf, folder or container to a given term or modifier folder or container. This message is used in both *addModifier* and *excludeModifier* Ontology cell operations.

Add a Modifier to the Tree

To add a modifier to the tree, the sequence of events is as follows:

1. The client requests to add a leaf or folder to a given (editable) parent term or modifier node.
2. The Ontology server performs the following steps:
    a. Parses the modifier information to obtain the key / TABLE_CD
    b. Queries the TABLE_ACCESS table for the table name associated with the TABLE_CD
    c. Inserts the new modifier leaf, folder or container into the Ontology metadata table

1. The client populates the selected parent node with the new modifier.

add_modifier Request Message

An **add_modifier** message requires the user to specify the modifier to be added. No additional attribute settings are necessary.
Example:
<message_body>
<ns6:add_modifier>
<level>1</level>
<applied_path>\Custom Metadata\Smoking status\Smoker{color:#0000ff}</applied_path>
<key>\\CUST\Heavy{color:#0000ff}</key>
<name>Heavy</name>
<visualattributes>RAE</visualattributes>
<synonym_cd>N</synonym_cd>
<totalnum xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:nil="true" />
<basecode>heavy</basecode>
<facttablecolumn>modifier_cd</facttablecolumn>
<tablename>modifier_dimension</tablename>
<columnname>modifier_path</columnname>
<columndatatype>T</columndatatype>
<operator>LIKE</operator>
<dimcode>\Heavy{color:#0000ff}</dimcode>
<comment />
<tooltip>Heavy [\Custom Metadata\Smoking status\Smoker
]</tooltip>
<sourcesystem_cd>lcp5_manualentry</sourcesystem_cd>
</ns6:add_modifier>
</message_body>

add_modifier Response Message

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