

# ONTQRY.xsd

|                        |                                          |
|------------------------|------------------------------------------|
| <b>&lt;request&gt;</b> | <b>Container for request information</b> |
|                        |                                          |

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| <b>&lt;get_children&gt;</b> | <b>Container for vocabulary data request</b>                        |
| max                         | The maximum number of results requested.                            |
| hiddens                     | A flag to indicate if hidden terms should be returned.              |
| synonyms                    | A flag to indicate if synonymous terms should be returned.          |
| type                        | Indicates the amount of data to be returned (default / core / all). |
| blob                        | A flag to indicate if the blob / clob fields should be returned.    |

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| <b>&lt;parent&gt;</b> | <b>The name of the parent node at which the request is targeted.</b> |
|                       |                                                                      |

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>&lt;get_term_info&gt;</b> | <b>Container for vocabulary data request</b>                        |
| max                          | The maximum number of results requested.                            |
| hiddens                      | A flag to indicate if hidden terms should be returned.              |
| synonyms                     | A flag to indicate if synonymous terms should be returned.          |
| type                         | Indicates the amount of data to be returned (default / core / all). |
| blob                         | A flag to indicate if the blob / clob fields should be returned.    |

|                              |                                              |
|------------------------------|----------------------------------------------|
| <b>&lt;get_name_info&gt;</b> | <b>Container for vocabulary data request</b> |
| category                     | The category to search in                    |

|                              |                                              |
|------------------------------|----------------------------------------------|
| <b>&lt;get_code_info&gt;</b> | <b>Container for vocabulary data request</b> |
| category                     | The category to search in                    |

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| <b>&lt;match_str&gt;</b> | <b>Stores the value of a string that should be matched</b> |
| strategy                 | Matching strategy (exact / left / right / contains)        |

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>&lt;get_categories&gt;</b> | <b>Container for vocabulary data request</b>                       |
| type                          | Indicates the amount of data to be returned (default / core / all) |
| blob                          | A flag to indicate if the blob / clob fields should be returned    |

|  |  |
|--|--|
|  |  |
|--|--|

|          |                                                           |
|----------|-----------------------------------------------------------|
| hiddens  | A flag to indicate if hidden terms should be returned     |
| synonyms | A flag to indicate if synonymous terms should be returned |

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>&lt;get_schemes&gt;</b> | <b>Container for vocabulary data request</b>                       |
| type                       | Indicates the amount of data to be returned (default / core / all) |
| blob                       | A flag to indicate if the blob / clob fields should be returned.   |

|                   |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <add_child>       | Container for term addition request                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                            |                     |
| <level>           | Also known as the hierarchy level. It represents the level of the item in the ontology tree where the root level is level 0.                                                                                                                                                                                              |                                                                                                                                                                                                                            |                     |
| <key>             | A " <i>table code\hierarchy path</i> " pair:<br><br>\\i2b2\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma<br><br>Equates to a table code of "i2b2" and the hierarchy of "\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma" |                                                                                                                                                                                                                            |                     |
| <name>            | The name of the metadata term.<br>The following characters are not allowed for leaf names:                                                                                                                                                                                                                                | \\ / " < ? %<br><br>Due to their prevalence in genomics the following characters are allowed but their general use is discouraged.<br>_ > :<br><br>The following characters are not allowed for folder or container names: | \\ / " < ? %<br>> : |
| <synonym_cd>      | Indicates whether or not the term is a synonym of another term. The value can be "Y" or "N".                                                                                                                                                                                                                              |                                                                                                                                                                                                                            |                     |
| <visualattribues> | Three character string that indicates the graphical representation of the term.<br>Example:<br>String XYZ, where<br>X can be "C" (container), "F" (folder), "L" (leaf), "M" (multi)<br>Y can be "A" (active), "I" (inactive), "H" (hidden)<br>Z can be "E" (editable) or null                                             |                                                                                                                                                                                                                            |                     |
| <totalnum>        | The number of items found (not typically used).                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |                     |
| <basecode>        | The code representation of the term.                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                            |                     |
| <metadaxml>       | Additional xml that may be associated with the term (optional).                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |                     |
| <facttablecolumn> | The observation fact table column associated with the term.                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |                     |
| <tablename>       | The dimension table associated with this term.                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                            |                     |
| <columnname>      | The name of the column in the dimension table associated with this term.                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                            |                     |
| <columndatatype>  | The data type for the column in the dimension table associated with this term.<br>"T" = text<br>"N" = number                                                                                                                                                                                                              |                                                                                                                                                                                                                            |                     |
| <operator>        | The SQL comparison operator associated with this term.                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                            |                     |
| <dimcode>         | The dimension code that is associated with the term.                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                            |                     |
| <comment>         | The optional comment associated with the term.                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                            |                     |
| <tooltip>         | A tooltip that is associated with the term.                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |                     |
| <value_type_cd>   | Indicates the type of term<br>DOC = the term represents a document or note<br>LAB = the term is associated with a lab result<br>KEY = a keyword associated with a term (may be used for NLP)                                                                                                                              |                                                                                                                                                                                                                            |                     |

|                  |                                                                                                                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <delete_child>   | Container for term deletion request                                                                                                                                                                                                                                                                                         |
| include_children | A flag to indicate if the children of this node should also be deleted.                                                                                                                                                                                                                                                     |
| <level>          | Also known as the hierarchy level. It represents the level of the item in the ontology tree where the root level is level 0.                                                                                                                                                                                                |
| <key>            | A "<br><i>table code\hierarchy path</i> " pair:<br><br>\\i2b2\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma<br><br>Equates to a table code of "i2b2" and the hierarchy of "RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma" |
| <name>           | The name of the metadata term.                                                                                                                                                                                                                                                                                              |
| <synonym_cd>     | Indicates whether or not the term is a synonym of another term. The value can be "Y" or "N".                                                                                                                                                                                                                                |
| <basecode>       | The code representation of the term.                                                                                                                                                                                                                                                                                        |

|                       |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                           |                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <modify_child>        | Container for request to modify a term                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                           |                       |
| incl_synonyms         | A flag to indicate if synonyms of this node should also be modified.                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |                       |
| <level>               | Also known as the hierarchy level. It represents the level of the item in the ontology tree where the root level is level 0.                                                                                                                                                                                                |                                                                                                                                                                                                                           |                       |
| <key>                 | A "<br><i>table code\hierarchy path</i> " pair:<br><br>\\i2b2\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma<br><br>Equates to a table code of "i2b2" and the hierarchy of "RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma" |                                                                                                                                                                                                                           |                       |
| <name>                | The name of the metadata term.<br>The following characters are not allowed for leaf names:                                                                                                                                                                                                                                  | \ / " < ? %<br><br>Due to their prevalence in genomics the following characters are allowed but their general use is discouraged.<br>_ > :<br><br>The following characters are not allowed for folder or container names: | \ / " <<br>? %<br>> : |
| <synonym_cd>          | Indicates whether or not the term is a synonym of another term. The value can be "Y" or "N".                                                                                                                                                                                                                                |                                                                                                                                                                                                                           |                       |
| <visualattributiones> | Three character string that indicates the graphical representation of the term.<br>Example:<br>String XYZ, where<br>X can be "C" (container), "F" (folder), "L" (leaf), "M" (multi)<br>Y can be "A" (active), "I" (inactive), "H" (hidden)<br>Z can be "E" (editable) or null                                               |                                                                                                                                                                                                                           |                       |
| <totalnum>            | The number of items found (not typically used).                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                           |                       |
| <basecode>            | The code representation of the term.                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |                       |
| <metadataxml>         | Additional xml that may be associated with the term (optional).                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                           |                       |
| <facttablecolumn>     | The observation fact table column associated with the term.                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                           |                       |
| <tablename>           | The dimension table associated with this term.                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                           |                       |
| <columnname>          | The name of the column in the dimension table associated with this term.                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                           |                       |
| <columndatatype>      | The data type for the column in the dimension table associated with this term.<br>"T" = text<br>"N" = number                                                                                                                                                                                                                |                                                                                                                                                                                                                           |                       |

|                 |                                                                                                                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <operator>      | The SQL comparison operator associated with this term.                                                                                                                                       |
| <dimension>     | The dimension code that is associated with the term.                                                                                                                                         |
| <comment>       | The optional comment associated with the term.                                                                                                                                               |
| <tooltip>       | A tooltip that is associated with the term.                                                                                                                                                  |
| <value_type_cd> | Indicates the type of term<br>DOC = the term represents a document or note<br>LAB = the term is associated with a lab result<br>KEY = a keyword associated with a term (may be used for NLP) |

|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| <b>&lt;update_crc_concept&gt;</b> | <b>Container for the synchronize dimension table request</b>              |
| operation_type                    | Indicates the synchronization operation request type.                     |
| <b>value</b>                      | <b>Description</b>                                                        |
| update_only                       | Only add new terms from metadata to dimension table                       |
| synchronize_all                   | Perform a full synchronization between metadata and dimension table       |
| hiddens                           | A flag to indicate if hidden terms should be included in the request.     |
| synonyms                          | A flag to indicate if synonymous terms should be included in the request. |

|                                       |                                                             |
|---------------------------------------|-------------------------------------------------------------|
| <b>&lt;get_ont_process_status&gt;</b> | <b>Container for synchronization process status request</b> |
| <process_id>                          | The ID of the process we are requesting the status for      |

|                                |                                              |
|--------------------------------|----------------------------------------------|
| <b>&lt;get_dirty_state&gt;</b> | <b>Container for the dirty state request</b> |
|                                |                                              |

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>&lt;get_modifiers&gt;</b> | <b>Container for vocabulary modifier data request</b>               |
| max                          | The maximum number of results requested.                            |
| hiddens                      | A flag to indicate if hidden modifiers should be returned.          |
| synonyms                     | A flag to indicate if synonymous modifiers should be returned.      |
| type                         | Indicates the amount of data to be returned (default / core / all). |
| blob                         | A flag to indicate if the blob / clob fields should be returned.    |

|                                      |                                                                       |
|--------------------------------------|-----------------------------------------------------------------------|
| <b>&lt;get_modifier_children&gt;</b> | <b>Container for vocabulary modifier data request</b>                 |
| max                                  | The maximum number of results requested.                              |
| hiddens                              | A flag to indicate if hidden modifiers should be returned.            |
| synonyms                             | A flag to indicate if synonymous modifiers should be returned.        |
| type                                 | Indicates the amount of data to be returned (default / core / all).   |
| blob                                 | A flag to indicate if the blob / clob fields should be returned.      |
| <parent>                             | The fullname of the parent modifier at which the request is targeted. |
| <applied_path>                       | The concept path that the parent modifier applies to.                 |
| <applied_concept>                    | The concept we are ultimately linking this modifier to.               |

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| <b>&lt;get_modifier_info&gt;</b> | <b>Container for vocabulary modifier data request</b>               |
| max                              | The maximum number of results requested.                            |
| hiddens                          | A flag to indicate if hidden modifiers should be returned.          |
| synonyms                         | A flag to indicate if synonymous modifiers should be returned.      |
| type                             | Indicates the amount of data to be returned (default / core / all). |
| blob                             | A flag to indicate if the blob / clob fields should be returned.    |
| <self>                           | The fullname of the modifier at which the request is targeted.      |
| <applied_path>                   | The concept path the modifier applies to.                           |

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| <b>&lt;get_modifier_name_info&gt;</b> | <b>Container for vocabulary modifier data request</b>                                      |
| max                                   | The maximum number of results requested.                                                   |
| hiddens                               | A flag to indicate if hidden modifiers should be returned.                                 |
| synonyms                              | A flag to indicate if synonymous modifiers should be returned.                             |
| type                                  | Indicates the amount of data to be returned (default / core / all).                        |
| blob                                  | A flag to indicate if the blob / clob fields should be returned.                           |
| <self>                                | The fullname of the concept at which the requested for the specified modifier is targeted. |
| <match_str>                           | The keyword specifying the name of the modifier to return                                  |

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| <b>&lt;get_modifier_code_info&gt;</b> | <b>Container for vocabulary modifier data request</b>                                      |
| max                                   | The maximum number of results requested.                                                   |
| hiddens                               | A flag to indicate if hidden modifiers should be returned.                                 |
| synonyms                              | A flag to indicate if synonymous modifiers should be returned.                             |
| type                                  | Indicates the amount of data to be returned (default / core / all).                        |
| blob                                  | A flag to indicate if the blob / clob fields should be returned.                           |
| <self>                                | The fullname of the concept at which the requested for the specified modifier is targeted. |
| <match_str>                           | The keyword specifying the code of the modifier to return                                  |