get_term_info

A **get_term_info** message implies that the user is passing a key / path for a node ("self") and wants information about that node returned.

Return Information Associated with a Node

The **get_term_info** message is used by the timeline to obtain information associated with a node. The sequence of events is as follows:

1. The client requests information for a given term (type = core).
2. The ONT server performs the following steps:
    a. Parses <self> to obtain the table key and path. Queries the able of tables to confirm that the user / role can access the table that is reference by the table key passed in. This call returns the table name referenced by that key. If not, return coded error.
    b. Query the database for the node that meets <self> criteria.

1. If error, the client receives an error message with the code TABLE_ACCESS_DENIED.
2. The client receives information about the node.

get_term_info Request Message

A **get_term_info** message implies that the user is passing a key / path for a node ("self") and wants information about that node returned. The attributes provide information about the results to be returned. The hiddens and synonyms attribute tells whether to return hiddens and synonyms. Be default hiddens and synonyms are false, so if they are left out it will be false. The type tells which columns to select (default / core / all). By default, the type is set to default so you don't have to include it if you want the default set of columns returned. Each message will interpret "default" to be a different set of columns. getTermInfo's default set of columns consists of all columns except the blob and the system / date information. If type = core, then all columns except the blob and the system / date information will be returned (same as default). If type = all then all columns except the blob are returned. The blob attribute indicates whether or not to return the blob along with the default / core / all return columns.

```
<message_body>
<get_term_info max="200" hiddens="false" synonyms="false" type="default" blob="true">
<self>\\i2b2\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma</self>
</get_term_info>
</message_body>
```

Possible "hiddens" Settings

Some ontology terms exist but for various reasons are not displayed in the query tree.

Value	Description
false	Do not return data categorized as "hidden"
true	Include data categorized as "hidden"

Possible "synonyms" Settings

Some ontology terms are listed as synonyms for other terms.

Value	Description
false	Do not return data categorized as "synonym"
true	Include data categorized as "synonym"

Possible "type" Settings

Value	Description

default	Return all data except system / date information
core	Return all data except system / date information (same as default)
all	Return all data

Possible "blob" Settings

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

get_term_info Response Message

The request has the following settings:
type=default
blob=false
Example:

```
<message_body>
<concepts>
<concept>
<level>4</level>
<key>\\i2b2\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma</key>
<name>Asthma </name>
<synonym_cd>N</synonym_cd>
<visualattributes>FA </visualattributes>
<totalnum/>
<basecode>ICD9:493</basecode>
<facttablecolumn>concept_cd</facttablecolumn>
<tablename>concept_dimension</tablename>
<columnname>concept_path</columnname>
<columndatatype>T</columndatatype>
<operator>LIKE</operator>
<dimcode>\RPDR\Diagnoses\Respiratory system (460-519)\Chronic obstructive diseases (490-496)(493) Asthma</dimcode>
<comment/>
<tooltip>Diagnoses \ Respiratory system \ Chronic obstructive diseases \ Asthma</tooltip>
</concept>
</concepts>
</message_body>
```

The request has the following settings:
type=default
blob=true
Example:

```
<message_body>
<concepts>
<concept>
<level>5</level>
<key>\\rpdr\RPDR\Labtests\LAB(LLB16) Chemistry(LLB31) Anemia Related Studies\B12USAT\BC1-107</key>
<name>B12 unsat bind (Test:bc1-107)</name>
<synonym_cd>N</synonym_cd>
<visualattributes>LA </visualattributes>
<totalnum>0</totalnum>
<basecode>BC1-107</basecode>
<metadataxml>
<ValueMetadata>
<Version>3.02</Version>
<CreationDateTime>10/07/2002 15:08:07</CreationDateTime>
<TestID>BC1-107</TestID>
<TestName>B12 UNSAT BIND</TestName>
<DataType>PosFloat</DataType>
<CodeType>TST</CodeType>
<Loinc>2171-7</Loinc>
<Flagstouse>HL</Flagstouse>
<Oktousevalues>Y</Oktousevalues>
```

<MaxStringLength />
<LowofLowValue>1000</LowofLowValue>
<HighofLowValue>1000</HighofLowValue>
<LowofHighValue>2000</LowofHighValue>
<HighofHighValue>2000</HighofHighValue>
<LowofToxicValue />
<HighofToxicValue />
<EnumValues>
<Val />
</EnumValues>
<CommentsDeterminingExclusion>
<Com>contamin</Com>
<Com>hemoly</Com>
</CommentsDeterminingExclusion>
<UnitValues>
<NormalUnits>ng/l</NormalUnits>
<EqualUnits>pg/ml</EqualUnits>
<ExcludingUnits />
<ConvertingUnits>
<Units />
<MultiplyingFactor />
</ConvertingUnits>
</UnitValues>
<Analysis>
<Enums />
<Counts />
<New />
</Analysis>
</ValueMetadata>
</metadataxml>
<facttablecolumn>concept_cd</facttablecolumn>
<tablename>concept_dimension</tablename>
<columnname>concept_path</columnname>
<columndatatype>T</columndatatype>
<operator>like</operator>
<dimcode>\RPDR\Labtests\LAB(LLB16) Chemistry(LLB31) Anemia Related Studies\B12USAT\BC1-107</dimcode>
<tooltip>Labtests \ Chemistry \ Anemia Related Studies \ B12 Unsaturated Binding (Group:B12USAT) \ B12 unsat bind (Test:bc1-107)</tooltip>
</concept>
</concepts>
</message_body>