Metadata import file is line oriented. Every non-empty line must begin with keyword. Keyword in this document highlighted in RED.

1. Metadata import file format

|  |  |
| --- | --- |
| Common tags section | 0..1 (optional) |
| Empty lines | 0..n |
| Parameters section | 1 (mandatory) |

* 1. Common tags section

All tags from this section will be applied for every parameter in this file

|  |  |
| --- | --- |
| Tag line | 1..n |

* + 1. Tag line

|  |  |  |
| --- | --- | --- |
| Tag | Classifier name | Tag name |

* 1. Parameter section

|  |  |
| --- | --- |
| Common definition section | 1 |
| Variable definition section | 0..n |
| Qualifier definition section | 0..n |

* + 1. Common definition section

Code line must always be the first in this section. Order of other lines is unimportant

|  |  |
| --- | --- |
| Code line | 1 |
| Name line | 1 |
| Description line | 0..1 |
| Tag line | 0..n |
| Inherit line | 0..n |
| Relation line | 0..n |

* + - 1. Code line

|  |  |
| --- | --- |
| Code | Parameter code(string [a-zA-Z0-9:]) |

* + - 1. Name line

|  |  |
| --- | --- |
| Name | Parameter name(string) |

* + - 1. Description line

|  |  |
| --- | --- |
| Description | Parameter description (\n means new line) |

* + - 1. Tag line (see definition 1.1.1)
      2. Inherit line

|  |  |
| --- | --- |
| Inherit | Parameter code |

* + - 1. Relation line

|  |  |  |  |
| --- | --- | --- | --- |
| Relation | Parameter code | Classifier name | Tag name |

* + 1. Variable definition section

|  |  |
| --- | --- |
| Variable line | 1 |
| Type line | 1 |
| Description line | 0..1 |
| Variant line | 0..n only for ENUM type variables |
| Predefined | 0..1 only for ENUM type variables |

* + - 1. Variable line

|  |  |
| --- | --- |
| Variable | Variable name |

* + - 1. Type line

|  |  |
| --- | --- |
| Type | STRING or INTEGER or REAL or BOOLEAN or ENUM |

* + - 1. Description line (see definition 1.2.1.3)
      2. Variant line

|  |  |
| --- | --- |
| Variant | Variant value |

* + - 1. Predefined line

|  |  |
| --- | --- |
| Predefined | true or false |

* + 1. Qualifier definition section

|  |  |
| --- | --- |
| Qualifier line | 1 |
| Description line | 0..1 |
| Variant line | 0..n |
| Predefined | 0..1 |

* + - 1. Qualifier line

|  |  |
| --- | --- |
| Qualifier | Qualifier name |

* + - 1. Description line (see definition 1.2.1.3)
      2. Variant line (see definition 1.2.2.4)
      3. Predefined line (see definition 1.2.2.5)

1. Example

|  |  |  |  |
| --- | --- | --- | --- |
| Tag | Ontology | MetS |  |
| Tag | Knowledge domain | System biology |  |
|  |  |  |  |
| Code | MetS:BP |  |  |
| Name | Blood pressure |  |  |
| Description | Blood pressure |  |  |
| Tag | Organ | Body |  |
| Relation | P3G:BP | Standard relations | Full synonym |
| Variable | Systolic |  |  |
| Type | INTEGER |  |  |
| Description | Systolic blood pressure |  |  |
| Variable | Diastolic |  |  |
| Type | INTEGER |  |  |
| Description | Diastolic blood pressure |  |  |
|  |  |  |  |
| Code | MetS:GLU |  |  |
| Name | Glucose |  |  |
| Description | Glucose, mMol/L |  |  |
| Tag | Organ | Blood |  |
| Relation | P3G:GLU | Standard relations | Synonym |
| Variable | Concentration |  |  |
| Type | REAL |  |  |
|  |  |  |  |
| Code | MetS:GLUTM |  |  |
| Name | Glucose with timing |  |  |
| Description | Glucose with timing, mMol/L |  |  |
| Tag | Organ | Blood |  |
| Inherit | MetS:GLU |  |  |
| Qualifier | Timing |  |  |
| Variant | Fasting |  |  |
| Variant | Non-fasting |  |  |
| Predefined | true |  |  |
|  |  |  |  |
| Code | MetS:Sex |  |  |
| Name | Sex |  |  |
| Relation | P3G:SEX | Standard relations | Full synonym |
| Variable | Sex |  |  |
| Type | ENUM |  |  |
| Variant | Male |  |  |
| Variant | Female |  |  |
| Predefined | true |  |  |