

Contents

1 Base Query Language	1
1.1 Terms	1

1 Base Query Language

This document describes a simple query language over the meta-data.

1.1 Terms

A `<symbol>` is a set of alphanumeric characters.

`[a-zA-Z0-9_-]+`

A `<string>` is a set of characters enclosed in quotation marks (with ordinary escapes required for enclosed quotation marks).

OR a `<string>` is a non-quoted series of characters excluding whitespace.

A logical operator is either:

`:or` or `:and`

A `<has>` is just literally `:has` and will be encoded as the latter throughout this document.

A `<term>` is either triple of the form:

`<symbol> :has <string>`

OR

`<symbol> :has <string1> <logical1> <string2> <logical2> ... <stringN>`

A query is

`<term1> :has <term2> [<logical1> <term3> ... <logicalN-2> <termN>]`

See the reference implementation for an example of how to parse this query language and transform it into a filter function for meta-data.