Groonga query specification
How to represent Commandline and HTTP query?

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Technical information sharing seminar

Introduction

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- Sharable storage and read lock-free
- Basic funcitonality is privided from libgroonga
- Query syntax to do full-text search

Query syntax

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- It requires to convert to HTTP query

Groonga query structure

Query structure

Groonga query has multiple parts.

part	content	mandatory?
command	command name	yes
mandatory parameter(s)	pairs of keys and value	yes
optional parameter(s)	pairs of keys and values	no
additional parameter(s)	pairs of keys and values	no

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- **non-named query** MUST keep query order
- **named query** need not keep query order

Groonga query basics –example

> ## Query order
>
> Groonga query MUST keep query parameters order except for using **named query**.

query type	content	valid/invalid
non-named query	table_create Site TABLE_HASH_KEY ShortText	valid
non-named query	table_create Site ShortText TABLE_HASH_KEY	invalid
named query	table_create –flags TABLE_HASH_KEY –key_type ShortText –name Site	valid
named query	table_create –key_type ShortText –flags TABLE_HASH_KEY –name Site	valid

Any questions?