

搜寫 neo4jquery

網址:

<https://github.com/huei90/neo4jquery>

有別於 maprpg 的網址，因為是要用此(neo4jquery)來搜寫 maprpg 的 db 存取

neo4jquery content

CODE.....	2
license.....	2
code constructor.....	2
code cypher.....	3
DEMO.....	4
Documentation.....	5

CODE

license

```
/*
 * Copyright (C) 2013 HueiTan
 *
 * neo4jQuery is free software: you can redistribute it and/or modify
 * it under the terms of the GNU General Public License as published by
 * the Free Software Foundation, either version 3 of the License, or
 * (at your option) any later version.
 *
 * This program is distributed in the hope that it will be useful,
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 *
 * You should have received a copy of the GNU General Public License
 * along with this program. If not, see <http://www.gnu.org/licenses/>.
 *
 * HueiTan, hereby disclaims all copyright
 *
 */
```

code constructor

```
/*
 * Setting up - constructor/initialization of neo4jQuery
 * all configurations of neo4jQuery setting here
 * $.neo4jQuery() must be run before using neo4jQuery function
 *
 * options:
 * host : this is the hostname of using neo4jQuery
 */
var host="http://localhost:7474/db/data";//this is the hostname in your
host, default http://localhost:7474/db/data
$.fn.neo4jQuery = function(options){

    //default options
    var _defaultOption = {
        host : "http://localhost:7474/db/data"
    };//end of default options

    //extend of options
    var _options = $.extend(_defaultOption,options);

    //return
    host=_options.host;
    //end of return

};//end of function neo4jQuery
```

code cypher

```
/*
 * Sending a query with Cypher Query Language
 * This cypher function can assign to one selector $( 'selector' ) to get the return value
 *
 * options:
 * query : the cypher language
 * dataType : (xml, json, script, text, html) with default json
 *
 * usage:(not recommended for return value)
 * create node with or w/o properties
 * delete node
 * create relationship with or w/o properties
 */
$.fn.cypher = function(query,options){

    //variable settings
    var output = $(this);
    query={"query": query };
    //default options
    var _defaultOption = {
        dataType : "json",
        callback :function(){
            $.post(host+"/cypher",query,function(data, textStatus, jqXHR){
                //output.html(data.data[0][0].data.hi);
            },_defaultOption.dataType).error(function(){alert("error cypher: "+query.query);});
        }

    };

    //end of default options

    //extend of options
    var _options = $.extend(_defaultOption,options);

    //return
    $(document).ready(_options.callback);
    //end of return

};//end of function cypher
```

DEMO

neo4j with jquery

add place node

newyy

11111

22222

submit

add people node

people

exp

submit

place list

tainan
taipei
beimenlu
tainan
taipei

people list

huei
huei
yENCHI

people arrive place

people name

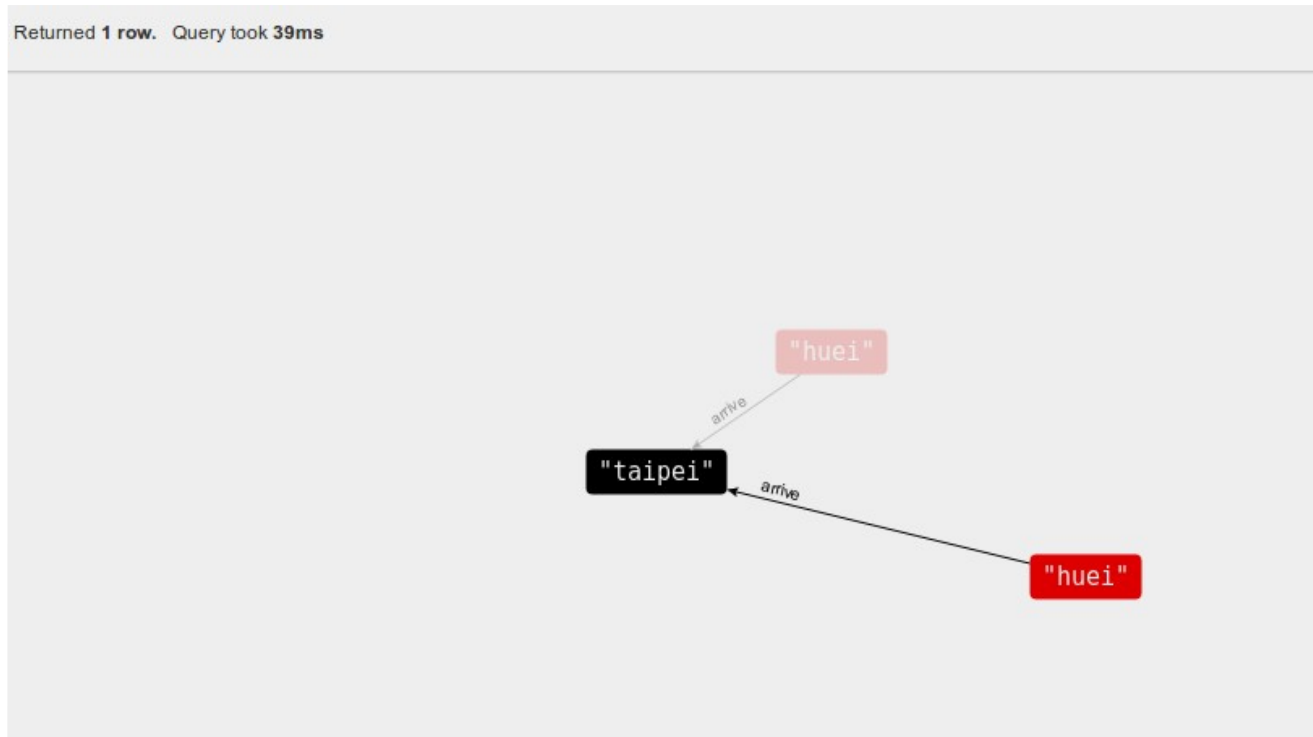
arrive

arrive

submit

- add place node : 增加一個新的地點 node
- add people node: 增加一個新的人物 node
- place list : 列出所有的地點 node
- people list: 列出所有的人物 node
- people arrive place : 模擬人物到地點

example



Documentation

請見

<https://github.com/huei90/neo4jquery/blob/master/README.md>

截圖

Documentation

Before using neo4jquery awesome functions, please remember to include jquery.js and neo4jquery.js
Initialization by using `$.neo4jquery()` in your header `<script>awesome script</script>`

`$.neo4jquery([options])`

```
//simply initialization (or constructor)
$.neo4jquery();
//using port 8181 as neo4j database port
$.neo4jquery({host : "http://localhost:8181/db/data"});
```

[options]

host - setting your neo4j database host , default in `http://localhost:7474/db/data`

`$([selector]).cypher(query[,options])`

```
//use Cypher Query Language
$.cypher("start n = node(*) return n;");
//output the result in DOM selector id 'output' in 'txt' data type
$("#output").cypher("start n = node(*) return n;", { dataType : "txt" });
```

[selector]

DOM - leave it blank without return value after calling cypher

query - your Cypher Query Language here

[options]

dataType - setting return datatype (xml, json, script, text, html) with default json

`$.createNode([options])`

```
//create a node w/o properties
$.createNode();
//create a node with properties name:"HueiTan" and index "contributor"
$.createNode( { properties : { "name" : "HueiTan" }, index : "contributor" } );
```