Publish

Success

java -cp ezshare.jar client.Client –publish –name name1 –description des1 –tags web,html –uri [www.baidu.com](http://www.baidu.com) -channel mychannel1 –owner owner1 –debug –host 127.0.0.1 –port 10000 ???

java -cp ezshare.jar client.Client –publish –name name1 –description –des1 –tags web,html –uri www.uri1.com -channel mychannel1 –owner owner1 –debug –host 127.0.0.1 –port 10000

/\*\*

\* checking publish parameters are valid or not

\* 1. resource is not a JSON  --- invalid resource

\* 2. uri is not valid or ""   ---- cannot publish resource

\* 3. owner just "\*"  and string contains "/0" and missing resource-----missing resource

\* 4. the same channel ,the same uri the same owner -- cannot publish resource

\*/

1. test client

"command" ??? connection error

2. command line ???? check uri or url

java -cp ezshare.jar client.Client –publish –name name1 –description –des1 –tags web,html –uri [abc](http://www.baidu.com) -channel mychannel1 –owner owner1 –debug –host 127.0.0.1 –port 10000

test client

"{ \"command\": \"PUBLISH\", \"resource\" : {  \"tags\" : [\"web\", \"html\"], \"description\" : \"The main page for the University of Melbournee\", \"uri\" : \" ", \"channel\" : \"\", \"owner\" : \"\", \"ezserver\" : null } }"; done

3. test client

"{ \"command\": \"PUBLISH\", \"resource\" : {  \"tags\" : [\"web\", \"html\"], \"description\" : \"The main page for the University of Melbournee\", \"uri\" : \"www.nini.com ", \"channel\" : \"\", \"owner\" : \"\", \"ezserver\" : null } }";??

"{ \"command\": \"PUBLISH\", \"resource\" : {  \"tags\" : [\"web\", \"html\"], \"description\" : \"The main page for the University of Melbournee\", \"uri\" : \"www.nini.com ", \"channel\" : \"\", \"owner\" : \"\*\", \"ezserver\" : null } }";done

"{ \"command\": \"PUBLISH\" }"; done

4. command line

java -cp ezshare.jar client.Client –publish –name name1 –description –des1 –tags web,html –uri www.baidu.com -channel mychannel1 –owner owner2 –debug –host 127.0.0.1 –port 10000 done

remove

success

java -cp ezshare.jar client.Client –remove –uri [www.uri1.com](http://www.uri1.com) -debug –host 127.0.0.1 –port 10000 done

/\*\*

\* checking remove parameters are valid or not

\* 1. missing resource or owner just "\*" or string is not valid ----missing resource

\* 2. uri is not valid or ""  ---- cannot remove resource

\* 3. the resource did not exist  --- cannot remove resource

\* 4. resource is not a JSON  --- invalid resource

\*/

1. same as publish

query

success

java -cp ezshare.jar client.Client –query –channel mychannel1 –debug –host 127.0.0.1 –port 10000

/\*

\* 1.(The template channel equals (case sensitive) the resource channel AND

\* 2.If the template contains an owner that is not "", then the candidate owner must equal it (case sensitive) AND

\* 3.Any tags present in the template also are present in the candidate (case insensitive) AND

\* 4.If the template contains a URI then the candidate URI matches (case sensitive) AND

\* 5.(The candidate name contains the template name as a substring (for non "" template name) OR

\* 6.The candidate description contains the template description as a substring (for non "" template descriptions) OR

\* 7.The template description and name are both ""))

\*/

1. channel has to be the same owner and uri tags if is not “” has to be the same name and description can be substring

share

success

java -cp ezshare.jar client.Client –share –name file1 –description –filedes1 –tags pic –channel mychannel4 –owner owner3 –uri <file:///Users/junwenz/Documents/project/123.jpg> -debug -host 127.0.0.1 -port 10000 –secret asdfwefwasdf

1. Incorrect secret

java -cp ezshare.jar client.Client –share –name file1 –description –filedes1 –tags pic –channel mychannel4 –owner owner3 –uri <file:///Users/junwenz/Documents/project/123.jpg> -debug -host 127.0.0.1 -port 10000 –secret asd

1. The same channel the same uri different owner

java -cp ezshare.jar client.Client –share –name file1 –description –filedes1 –tags pic –channel mychannel4 –owner owner5 –uri <file:///Users/junwenz/Documents/project/123.jpg> -debug -host 127.0.0.1 -port 10000 –secret asdfwefwasdf

fetch ??

success

java -cp ezshare.jar client.Client –fetch –name file1 –description –filedes1 –tags pic –channel mychannel4 –owner owner3 –uri <file:///Users/junwenz/Documents/project/123.jpg> -debug -host 127.0.0.1 -port 10000 –secret asdfwefwasdf