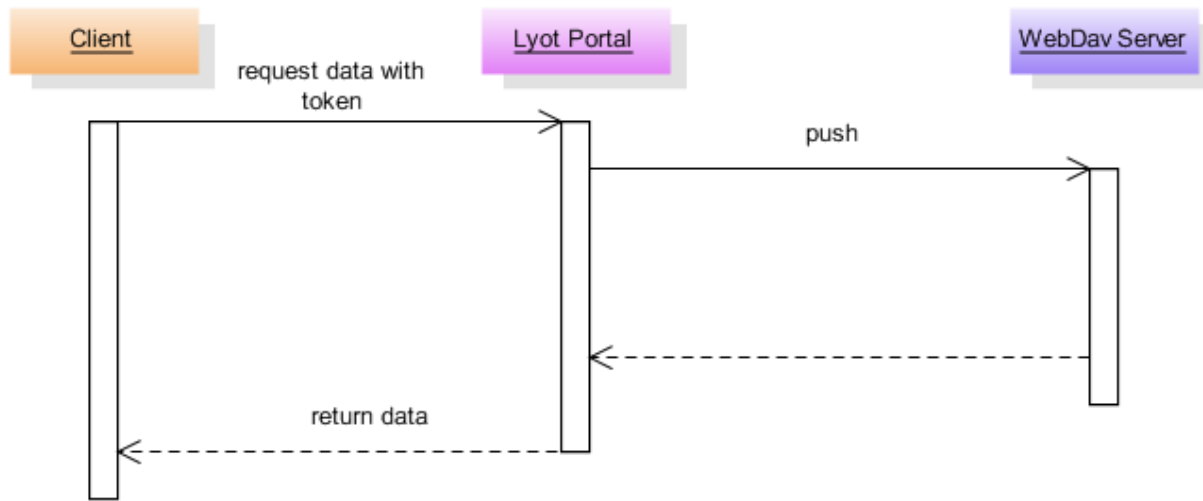
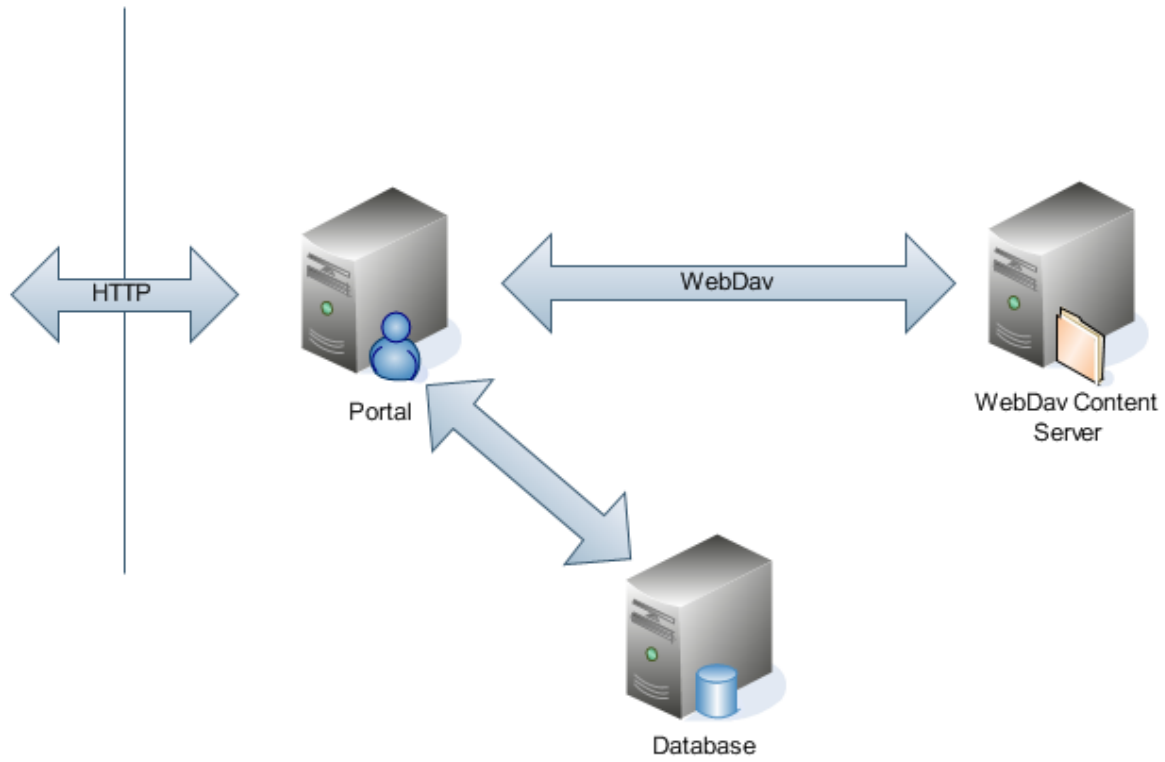


The token request and data posting are synchronized actions



The data retrieving is synchronized action



## User ID

5 digits hex integer id in lower case automatically generated by Lyot as long as a user registered. The id should be increase 1 by a new registration.

eg., ac890

## Token

A string has 37 digits long.

It can be divided into 2 parts, it starts with a Userid and followed by a 32 digits universally unique identifier, that generated by `java.util.UUID.randomUUID()`

## Request Token

### Request:

Method: HTTP Get

Path: tk

Parameter: uid (user id), pwd (password), n (number of token, 64 max, if n is missed, default value for it is 1)

e.g., `http://host/tk?uid=a10d3&pwd=123456&n=2`

### Response:

tokens divided by comma with

**Content-Type: text/plain; charset=iso-8859-1** as headers

example:

`a10d30784143b801641929d74abbc54dbf46d,a10d3418665c560ed478a839cdb5a9799c4d4`

## Receiving Data

### Request:

Method: HTTP POST

Path: rec

Content-Type: multipart/mixed

Part 1 **Content-Type: text/plain; charset=iso-8859-1**  
tk=(token)

Part 2 **Content-Type: xxx**

<Content-transfer-encoding: (optional)  
whatever the other headers..., those headers  
will be stored into WebDav container>  
(followed by the raw data)

### Response

- HTTP response code the 200 is the only success response code

## Retrieving Data

### Request:

Method: HTTP GET

Path: ret

Parameter: tk

e.g., `http://host/ret?tk=a10d30784143b801641929d74abbc54dbf46d`

### Response

the raw data with **Content-Type** and/or Content-transfer-encoding as headers and/or any other properties registered in WebDav container

If the account is not in "normal" status, return code 403.

**account**  
UID <Key>  
FirstName  
LastName  
Email  
Address  
City  
Province  
Country  
PostCode  
Password  
TimeRegistered (long)  
TimeLastAccessed (long)  
AccountStatus (int)  
TokenNumber (int)  
Quota (int, in MB)  
Usage (int, in MB)  
Comment

**uid**  
UID <Key>

**token**  
Token <Key>  
Timestamp (long)  
Stamp (int, reserved)

**billing**  
...(not sure)

AccountStatus  
-1: waiting for email confirmation for registration  
0: normal  
1: suspended  
2: closed