Maiken Winterberg Digital Login

Maiken Winterberg Digital Login is an easy way to create a login to your homepage. Its free, opensource and everyone can use it. When you login in to your website you get a sessenid that the page that you login to can verify. The sessionid can be sent with your links and you can that way create a login expirence that covers many homepages.

If you have a dot in your account name it have to be a valid domainname. And the system verifies that you are at the right ip address. With a domain name as your account name you get extra security.

Maiken Winterberg Digital Login allow many Digital login servers that work together by adding a domainname at the end of a session. That way, when a session reaches the service then the service knows which login server to call.

Config

The config file is located in bin/config.

```
accountHost=maikenwinterberg.com
port=8443
defaulttemplate=defaultTemplate.config
dbLocation=../database
ISessionClientImpl=com.maikenwinterberg.account.datagram. MethodCallSessionClient
#ISessionClientImpl=com.maikenwinterberg.account.datagram.GetAccountNameBySessionIdClient
#datagramPort=56
#datagramHost=maikenwinterberg.com
```

AccountHost: is a parameter that is put behind every account Name when they are created.
Port: is a parameter that is used for the html interface
defaulttemplate: is a html template for the interface
dbLocation: The location of the database
IsessionClientImpl: The Java-class that handles the session client
datagramPort: The port of the Digital login server
datagramHost: The host of the Digital login server

This version is not secure if you use the GetAccountNameBySessionIdClient implementation since it does not encrypt the sessionid. This will change. For now use the MethodCallSessionClient or use the json interface.

Json interface

Create account

Request

https://maikenwinterberg.com:8443/json/create?Account_name=test&Secret_key=password

Response

```
{"Response": {
        "CurrentDate": "2025-01/08 16:46:46,
        "AccountId": "25549545-1e4a-4577-ae3c-de8c2c64a429",
        "AccountName": "test.pay.maikenwinterberg.com",
        "RenewToken": "e6f4bcc4-0ff3-4a80-9242-813d52202bca",
        "Status": "unlocked",
        "ResponseType": "Success"
        "Text": "The account is created"
}}
```

Enter account

Request

https://maikenwinterberg.com:8443/json/enter?Account_name=test&Secret_key=password

Response

```
{"Response": {
        "CurrentDate": "2025-01/08 16:47:21,
        "AccountId": "25549545-1e4a-4577-ae3c-de8c2c64a429",
        "AccountName": "test.pay.maikenwinterberg.com",
        "RenewToken": "e6f4bcc4-0ff3-4a80-9242-813d52202bca",
        "SessionId": "d5bf68bf-425a-4ad4-8715-7311eba0ed0c@maikenwinterberg.com",
        "Status": "unlocked",
        "ResponseType": "Success"
        "Text": "Access to the account is granted"
}}
```

Renew account

Request

https://maikenwinterberg.com:8443/json/renew?Account_name=test&Secret_key=password

Response

```
{"Response": {
        "CurrentDate": "2025-01/08 16:47:51,
        "AccountId": "42dbefa5-dbc0-48ab-974d-2d3830615446",
        "AccountName": "test.pay.maikenwinterberg.com",
        "RenewToken": "d2c50867-a7fd-4215-9fb2-4d980b1542ef",
        "SessionId": "dc174620-95e5-4eac-89ee-25ab951be9a0@maikenwinterberg.com",
        "Status": "unlocked",
        "ResponseType": "Success"
        "Text": "The account is renewed with a new Account id"
}}
```

Lock account

Request

https://maikenwinterberg.com:8443/json/lock?accountid=42dbefa5-dbc0-48ab-974d-2d3830615446

Response

```
{"Response": {
        "CurrentDate": "2025-01/08 16:49:29,
        "AccountId": "42dbefa5-dbc0-48ab-974d-2d3830615446",
        "ResponseType": "Success"
        "Text": "Access to the account is now locked"
}}
```

https://maikenwinterberg.com, https://documentnetwork.com

Unlock account

Request

https://maikenwinterberg.com:8443/json/unlock?accountid=42dbefa5-dbc0-48ab-974d-2d3830615446&redirecturl=https:/dr.dk

Response

```
{"Response": {

        "CurrentDate": "2025-01/08 16:52:45,
        "AccountId": "42dbefa5-dbc0-48ab-974d-2d3830615446",
        "AccountName": "test.pay.maikenwinterberg.com",
        "IP": "77.241.128.120",
        "SessionId": "b061cb44-94d3-4a85-b336-c4b2a0e50835@maikenwinterberg.com",
        "ResponseType": "Success"
        "Text": "Access to the account is granted"
        "Link": "https:/dr.dk?sessionid=b061cb44-94d3-4a85-b336-c4b2a0e50835@maikenwinterberg.com"
}}
```

Check session

Request

https://maikenwinterberg.com:8443/json/session?sessionid= b061cb44-94d3-4a85-b336-c4b2a0e50835@maikenwinterberg.com

Response

```
{"Response": {

        "CurrentDate": "2025-01/08 16:54:08,
        "Account status": "unlocked",
        "SessionId": "  b061cb44-94d3-4a85-b336-c4b2a0e50835@maikenwinterberg.com",
        "ResponseType": "Success"
        "Text": "Account information"
}}
```

Update IP address

Request

https://maikenwinterberg.com:8443/json/iprenew?renewtoken=d2c50867-a7fd-4215-9fb2-4d980b1542ef

Response

```
{"Response": {
        "CurrentDate": "2025-01/08 16:55:57,
        "IP": "77.241.128.120",
        "ResponseType": "Success"
        "Text": "IP status"
}}
```

https://maikenwinterberg.com, https://documentnetwork.com

HTML interface

URL

The url comes with 3 attributes. a **redirecturl**, a **title**, and a **link** to the page next to the form. The redirecturl is the location of the page that you wish to login to. The title is the headline of the page.

https://maikenwinterberg.com:8443/html/login?redirecturl=https://dr.dk&title=Overskrift&link=https://localhost:8443/bankven.html
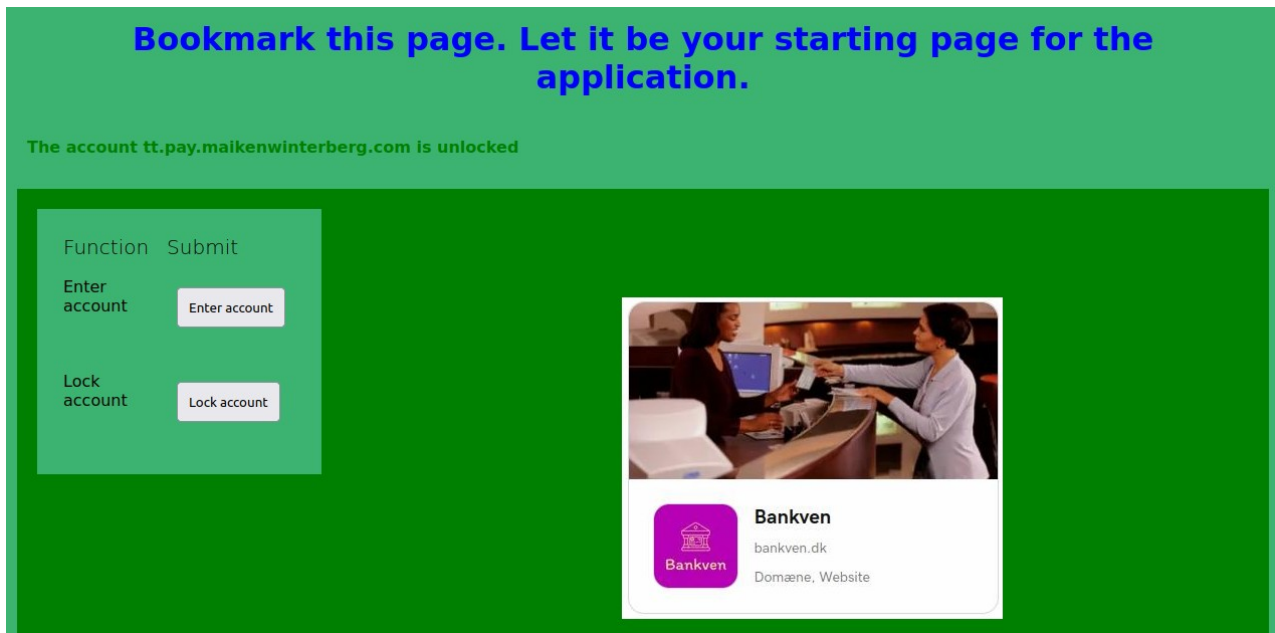
Page 1

Page 2

Bookmark this page. Let it be your starting page for the application.

The account tt.pay.maikenwinterberg.com is unlocked

Function	Submit
Enter account	Enter account
Lock account	Lock account

Bankven
bankven.dk
Domæne, Website

Check the sessionid

Java

```java
/*
 * Martin Alexander Thomsen den 30 December 2024
 */
package com.maikenwinterberg.account.datagram;

import com.maikenwinterberg.account.database.Info;

/**
 * @author Martin Alexander Thomsen
 * @author Ron Georg Martin Richard
 * @see documentnetwork.com
 * @see maikenwinterberg.com
 */
public class CheckSession {

    public static void main(String arg[]) throws Exception {
        String sessionId = (arg.length > 0 ? arg[0] : null);
        if (sessionId == null) {
            //test session
            sessionId = "76e849dd-5715-4c63-a64b-fa4d170cc3a2";
        }
        Info info = SessionClientFactory.getSessionClient().getAccountInfo(sessionId);
        System.out.println(info);
    }
}
```

https://maikenwinterberg.com, https://documentnetwork.com