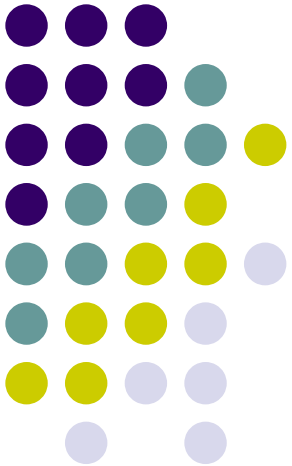
Travaux d'Etudes et Recherche:

Genie Logiciel

Elements de Conception : Authentification

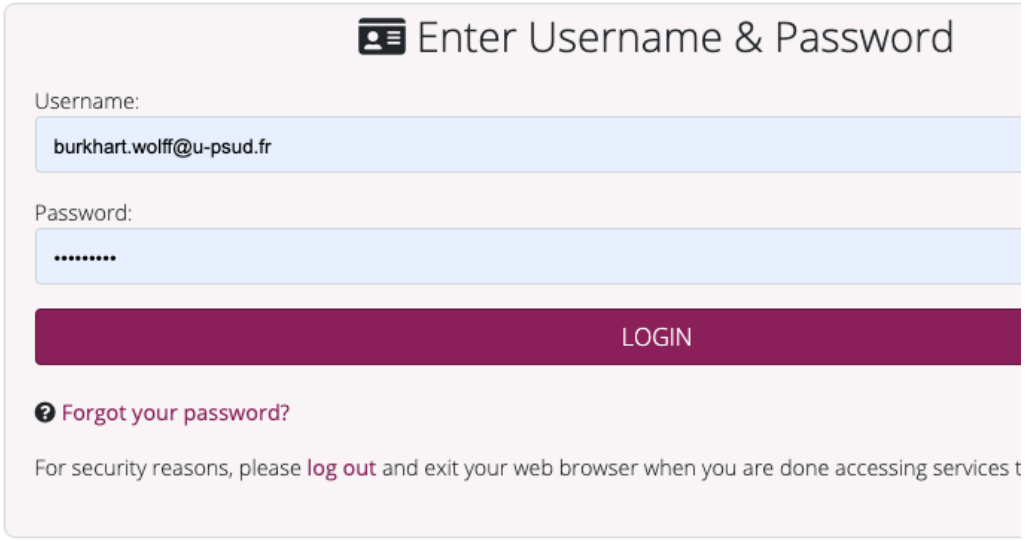


About: Authentification

- Idea : Can we do Authentification inside an App via the official services of PSay
  - ADONIS
    https://adonis.u-psud.fr/utilisateur/index.php
  - Implementing LDAP and LDAP-S (resticted to intra-net)
  - CAS
    https://sso.u-psud.fr/cas/login

System Development

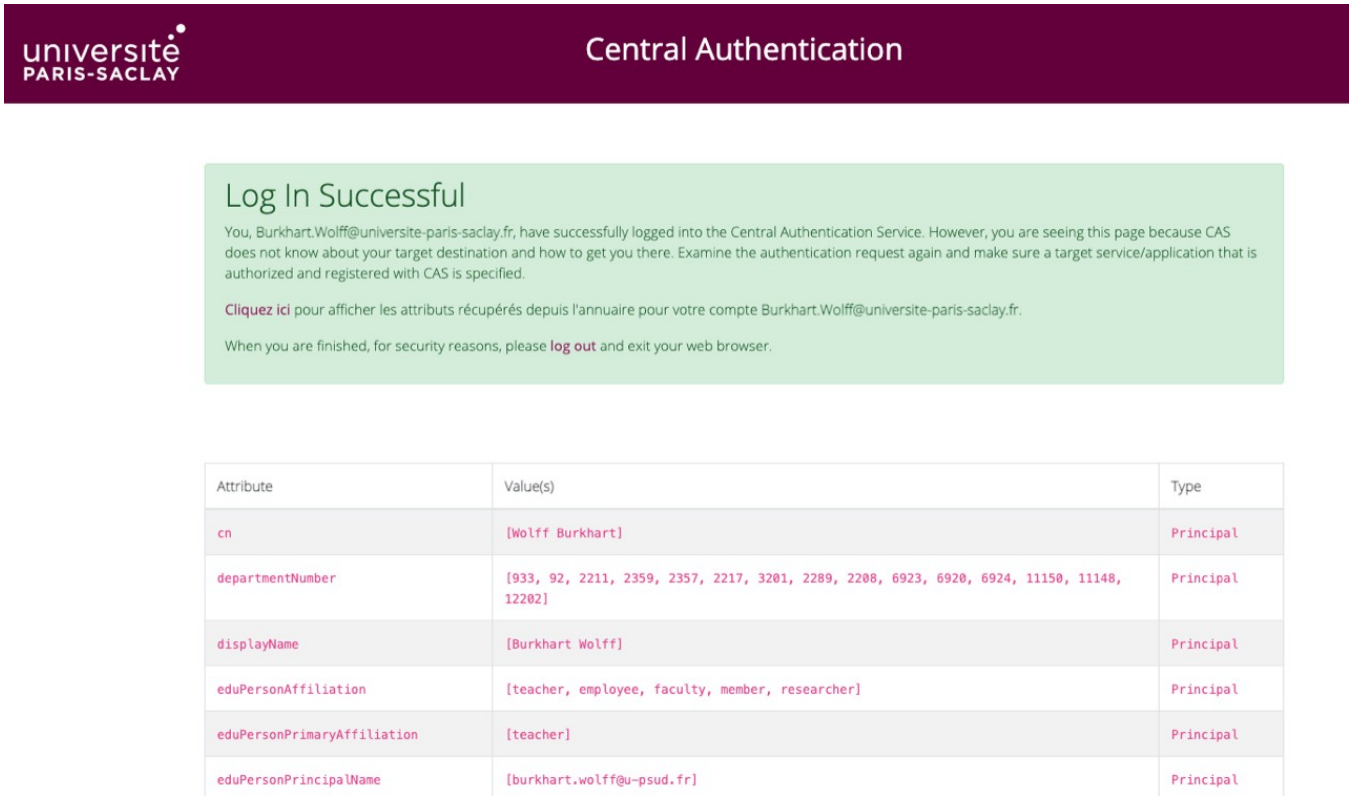
- Appeal the CAS Server:



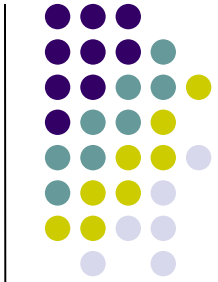
- … after authentification:

System Development

- … after authentification (and one more click:):



Component LDAP JS



- Bibliotheque LDAP (une solution speciale)

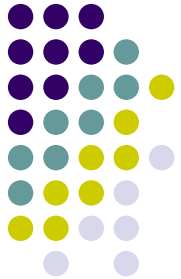
  ldapjs is a pure JavaScript, from-scratch framework for implementing LDAP clients and servers in Node.js. It is intended for developers used to interacting with HTTP services in node and restify.

  http://ldapjs.org

- Under LDAP JS one can authenticate via:

  ldapsearch -x -D "uid=**user_name_ecampus**,ou=people,dc=u-psud,dc=fr" -w **mot_de_passe_ecampus** -H ldaps://ldaps.u-psud.fr -b "ou=people,dc=u-psud,dc=fr" -s one "uid=**user_name_ecampus**"

Component CAS Access



- Paris-Saclay possesses A centralized authentification service, designed tp be contacted via Web-Servers.

- Principle: Authentication on the centralized authentication server (Ja-Sig CAS) creates a ticket. This can be reused by all the sites the user accesses (supporting this authentication mechanism) without having to re-enter their identifiers each time. The ticket contains a number of information related to this user.

- Link: https://adonis.universite-paris-saclay.fr/aide/manuel_pdf/adonis_tech_SSO.pdf