

# Documentation of the portal that allows library administrators to manage their campus IP address ranges

As part of the [Libraries walk-in-user pilot](#) AARC project partner set up a customized instance of their solution *didmos LUI* (LDAP User Interface) that is being used for administrators to manage their libraries' / campuses' IP address ranges.

As can be seen on the main documentation page for the [Libraries walk-in-user pilot](#), the portal has the following features:

- Protected by a Shibboleth SP, any user from a federated IdP can access
- Library administrators are authorized by
  - their `eduPersonPrincipalName`
  - their `eduPersonEntitlement` (must have some predefined value)
- The only menu item "Trusted IP ranges" will allow Library administrators to enter any number of LDAP entries that
  - have an IP range start and end
  - associated `eduPersonAffiliation` (default unscoped value "library-walk-in", the generated scope will be taken from the scope of the administrator's `eduPersonPrincipalName`)
  - associated `eduPersonEntitlement` (can be set freely)
  - some description
- The Walk-in-Library-User IdP will then use these LDAP entries to set these `eduPersonAffiliation` and `eduPersonEntitlement` values upon login of some user from that IP range

*didmos LUI* is written in Perl/CGI and is being used by DAASI as a customized frontend for their LDAP deployments. Both its source code and AARC customized configuration can be provided upon request (please send an e-mail to [info@daasi.de](mailto:info@daasi.de)).