

IOT BZH



Enhancing User Management

Connection with OpenId Connect

- OpenId Connect adds to OAuth the handling of identity.
- OpenId Connect serves to handle users of AGL as separate entities.
- Dynamic accounts are added to the system, one per user's entity.
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Using a identity “proxy”

- A local service delivers openID connect identity local to the car
- This service allows user to be identified by remote openID connect services: Facebook, Google, Github, ... extendable
- This service also allows to be identified by key, nfc, password, etc... convenient in local usages
- When identified, it might provide a facility when handling identity tokens for applications connecting to remote service requiring to be identified: negotiation, vault, user interaction

Internal user management

- Unix account is created per user
- Limited in number:
 - Automatic garbage management
- Implies user manager application
 - Management of rights

Q&A



Gulf of Morbihan, south of Brittany, France

Links

- IoT.bzh:
 - Website: <https://iot.bzh/>
 - Publications: <https://iot.bzh/en/publications>
 - Github: <https://github.com/iotbzh>
- AGL:
 - Website: <https://www.automotivelinux.org/>
 - Documentation: <http://docs.automotivelinux.org/>
 - Sources: <https://git.automotivelinux.org/>