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.
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: negociation, 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/