

BIRD Global Uniform Inspiration

Artificial Ornithology Lab

Maria Matějka • 25 May 2023

cz.nic | SPRÁVCE
DOMÉNY CZ

Go UML IPv6

Gorillas Use INTERCAL

Graphical User Interface

Windows Support

Terminal is dead

Machine-hostile interface

Answering Programmers' Inquiries

Apply Proper Invectives

BIRD CBOR API Workflow

1. Python CLI-to-object package using `asyncio`

BIRD CBOR API Workflow

1. Python CLI-to-object package using `asyncio`
2. Python object-to-config package

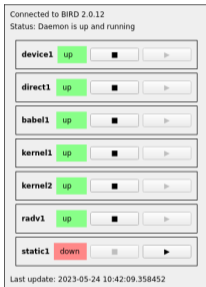
BIRD CBOR API Workflow

1. Python CLI-to-object package using `asyncio`
2. Python object-to-config package
3. Dedicated BIRD CBOR (RFC 8949) Socket
4. Implement CBOR in the Python package

BIRD CBOR API Workflow

1. Python CLI-to-object package using `asyncio`
2. Python object-to-config package
3. Dedicated BIRD CBOR (RFC 8949) Socket
4. Implement CBOR in the Python package
5. Work can be done in parallel

BIRD GUI



- Uses the Python CLI-to-object package
- Qt/PySide6
- Proof of package usability
- TIL: You can't make a Qt `@Slot()` from a decorated object method.

Call for Contributions

- Branch `python-cli`
- Proof of concept implementation
- June '23: Collaboration with NIX.CZ
- Tell us what you need (by e-mail)
- August '23: Open window for contributions

QED

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