aioLXD

Release 0.0.1

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CHAPTER 1

aiolxd.remote
CHAPTER 2

aiolxd.uri
aioLXD is an asyncio-based client library for the LXD REST API.

It provides an high level API to interact with resources on LXD servers, such as containers, images, networks, profiles and storage.

LXD servers are accessible through the `aioLXD.remote.Remote` class, which exposes server details and configuration, as well as access to resource collections.

Collections (such as `containers`, `images`, `profiles`, `networks`, ...) allow creating and fetching resources, which can be modified, updated or deleted.

For example:

```python
from pprint import pprint
from aioLXD import lxc

# get all remotes defined in the client config
remotes = lxc.get_remotes()
async with remotes['local'] as remote:
    # fetch all images and print their details
    resp = await remote.images.read()
    for image in resp:
        await image.read()
        pprint(image.metadata)
        pprint(image.details())

    # fetch a single container by name
    container = await remote.containers.get('c')
    pprint(container.details())
    # rename it
    await container.rename('new-c')
```

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# change some details
await container.update({'description': 'foo'})
# and now delete it
await container.delete()

### 4.1 Indices and tables

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