Introducing NColony

https://ncolony.org
https://github.com/moshez/introducing-ncolony

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- ▶ Restart crashed ones
- ▶ (Optional) Adopt and reap
- ▶ (Optional) Health checks

Running NColony

```
$ pip install ncolony
$ python -m twisted ncolony \
  --messages /var/run/messages/ \
  --config /var/run/config/
```

Configuring NColony

```
$ python -m ncolony --messages /var/run/messages \
                    --config /var/run/config \
  ctl add my-thing --cmd /my-thing.py
```

Configuring NColony

```
$ python
>>> from ncolony import ctllib
>>> where = ctllib.Places('/var/run/config',
                          '/var/run/messages')
>>> ctllib.add(where, name='my-thing',
                      cmd='/my-thing.py')
```

Configuring NColony

```
$ cat > /var/run/config/my-thing << EOF
{"args": ["/mything.py"]}
```

Configuring NColony

```
$ python -m ncolony --messages /var/run/messages \
                    --config /var/run/config \
   ctl remove my-thing
$ python
>>> from ncolony import ctllib
>>> where = ctllib.Places('/var/run/config',
                          '/var/run/messages')
>>> ctllib.remove(where, name='my-thing')
$ rm /var/run/config/my-thing
```

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- PyLint cleanliness

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- More contributors!
- Lots of users!

TODO

- Try it (especially in Docker)

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- Review PRs

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- Talk to me – https://cobordism.com – zadka.moshe@gmail.com