Frost

Fast and **F**lexible **R**etrieval of **O**bservations from **S**tored **T**ime series
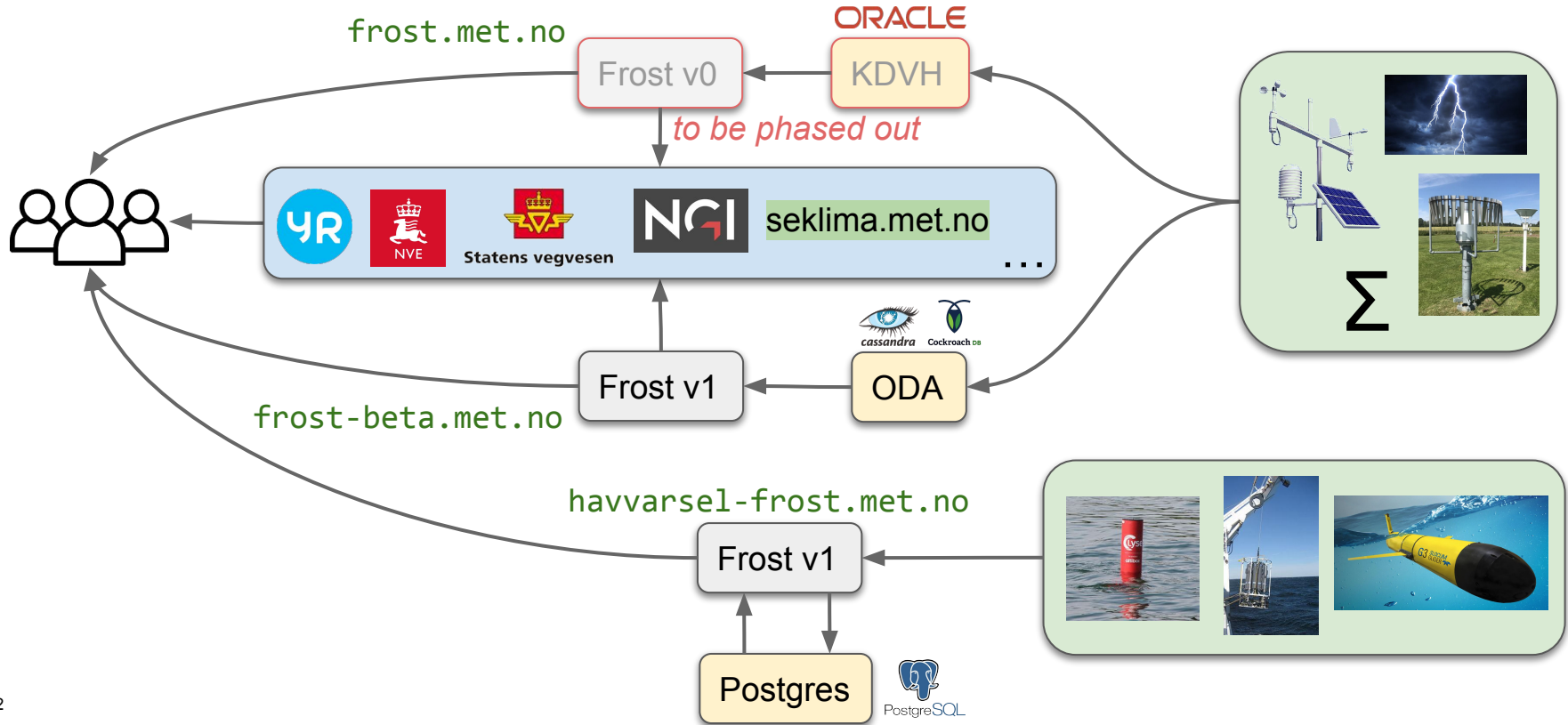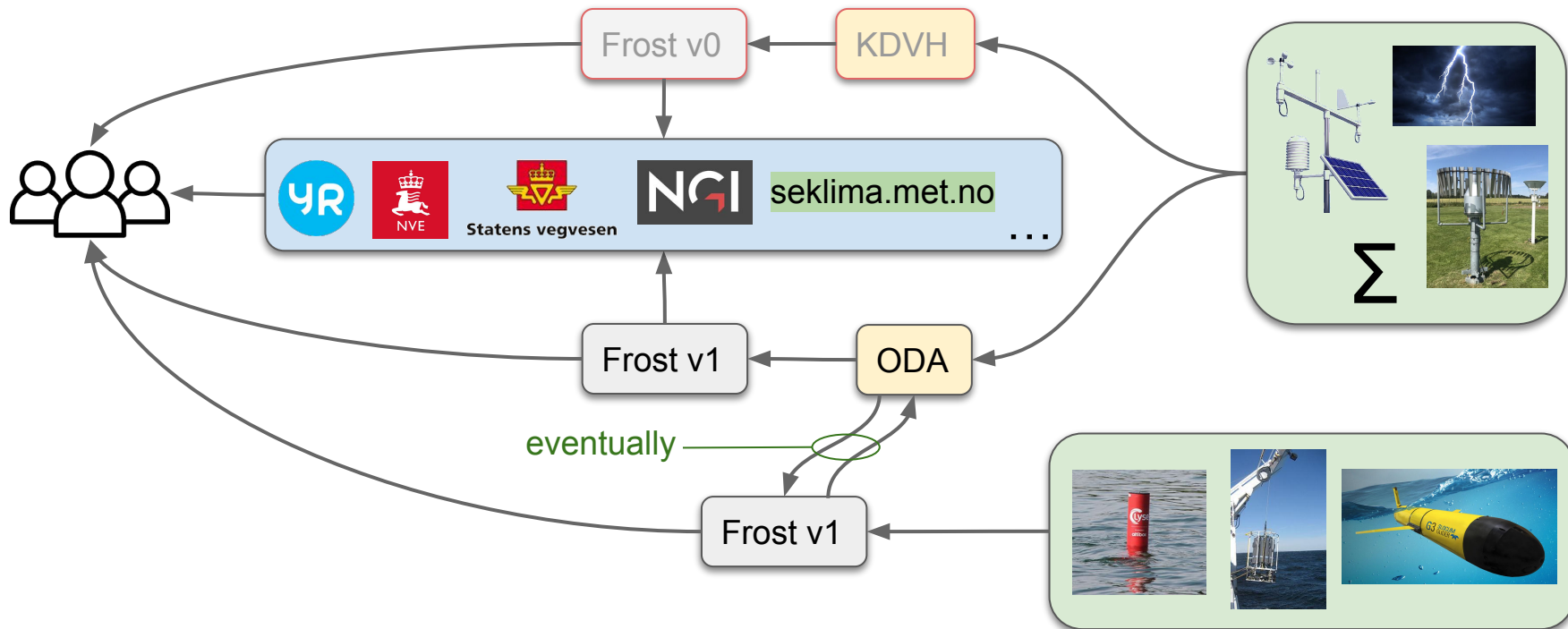
Fundamentals (from last year)

Demo →

Example: Get all time series from badetassen buoys

URL:

https://havvarsel-frost.met.no/api/v1/obs/badevann/get

Terminal:

curl "https://havvarsel-frost.met.no/api/v1/obs/badevann/get"

Example: Get all badetassen time series within 10 km from Arendal

URL:

https://havvarsel-frost.met.no/api/v1/obs/badevann/get?inside=[{"type":"circle","lon":8.767,"lat":58.467,"radius":10}]

Terminal:

```
curl
"https://havvarsel-frost.met.no/api/v1/obs/badevann/get?inside=\[\{\"type
\":\"circle\",\"lon\":8.767,\"lat\":58.467,\"radius\":10\}\]" 2>/dev/null
| grep name | sort | uniq
```

Example: Get the three nearest badetassen time series within 10 km from Arendal

URL:

https://havvarsel-frost.met.no/api/v1/obs/badevann/get?nearest={"maxdist":10,"maxcount":3,"points":[{"lon":8.767,"lat":58.467}]}

Terminal:

```
curl
"https://havvarsel-frost.met.no/api/v1/obs/badevann/get?nearest=\{\"maxdist\":10,\"maxcount\":3,\"points\":\[\{\"lon\":8.767,\"lat\":58.467\}\]\}"
2>/dev/null | grep name | sort | uniq
```

Example: Get observations in June 2022 from the seven nearest badetassen time series within 10 km from Arendal

URL:

https://havvarsel-frost.met.no/api/v1/obs/badevann/get?nearest={"maxdist":10,"maxcount":7,"points":[{"lon":8.767,"lat":58.467}]}&incobs=true&time=2022-06-01T00:00:00Z/2022-07-01T00:00:00Z

Terminal:

curl "https://havvarsel-frost.met.no/api/v1/obs/badevann/get?nearest=\{\"maxdist\":10,\"maxcount\":7,\"points\":\[\{\"lon\":8.767,\"lat\":58.467\}\]\}&incobs=true&time=2022-06-01T00:00:00Z/2022-07-01T00:00:00Z" 2>/dev/null

Example: Get observations in June 2022 from a specific badetassen buoy (Tromøya)

URL:

https://havvarsel-frost.met.no/api/v1/obs/badevann/get?buoyids=1-7851&inc
obs=true&time=2022-06-01T00:00:00Z/2022-07-01T00:00:00Z

Terminal:

```
curl
"https://havvarsel-frost.met.no/api/v1/obs/badevann/get?buoyids=1-7851&in
cobs=true&time=2022-06-01T00:00:00Z/2022-07-01T00:00:00Z" 2>/dev/null
```

Large Downloads

[Python script](#)

To test the script, save it to a file client.py and run e.g. like this:

```
python client.py --url
'https://havvarsel-frost.met.no/api/v1/obs/glider/get?time=2020-10-07T09:
00:00Z/2020-10-07T10:00:00Z&incobs=true&itemlimit=100'
```