

[https://optimade.odbx.science/v0/structures?filter=elements HAS "Na"&page_limit=5&sort=-nelements](https://optimade.odbx.science/v0/structures?filter=elements HAS \)

WSGI (uvicorn)
FastAPI Routing
@router.get("/structures")

FilterParser

```
filter
  expression
    expression_clause
      expression_phrase
        comparison
          property_first_comparison
            property elements
            set_op_rhs
              HAS
                value
                  string "Na"
```

FilterTransformer

```
{"elements": {"$in": ["Na"]}}
```

```
{"elems": {"$in": ["Na"]}}
```

EntryCollection

Underlying Database
e.g. MongoDB

EntryResponse

```
{
  "data": [...],
  "meta": {...},
  "included": [...],
  "links": {...}
}
```

EntryResource

↳ EntryResourceAttributes

EntryMapper

